



TEXAS
Health and Human
Services



Psychiatric Drug Formulary

**State Hospitals
&
State Supported Living Centers
&
Community Mental Health Centers**

2024

Approved October 2023

Table of Contents

Table of Contents	2
Introduction.....	4
Members of the HHSC Psychiatric Executive Formulary Committee.....	7
HHS Psychiatric Drug Formulary editor	7
Procedure for Addition of Drugs to the Formulary.....	8
Psychotropic Dosage Guidelines.....	9
Children and Adolescent Treatment of Behavioral Emergencies.....	10
Adult Treatment of Behavioral Emergencies.....	11
Antipsychotics.....	13
Antidepressants.....	17
Mood Stabilizers	20
Stimulants.....	22
Miscellaneous Drugs Used for Psychotropic Purposes	23
Anxiolytics	25
Hypnotics.....	26
Reserve Drugs.....	28
Therapeutic Reference Ranges.....	34
Alphabetical Listing.....	36
Therapeutic Classification/Cost Index	84
Antidiabetic Agents	84
Antidotes	85
Antineoplastic Agents	85
Blood Modifying Agents.....	85
Cardiovascular Agents.....	86
Central Nervous System Agents	88
Endocrine Agents	97
Gastrointestinal Agents	98
Genitourinary Agents.....	101
Immunological Agents.....	103
Infectious Disease Agents.....	103
Parenteral Solutions and Additives.....	106
Respiratory Agents	107
Topical Agents	109
Nutritional Agents	118
Index	122
Appendix A. New Drug Application Form.....	A1

Appendix B. PEFC Conflict of Interest Policy **B1**

Appendix C. PEFC Disclosure Form **C1**

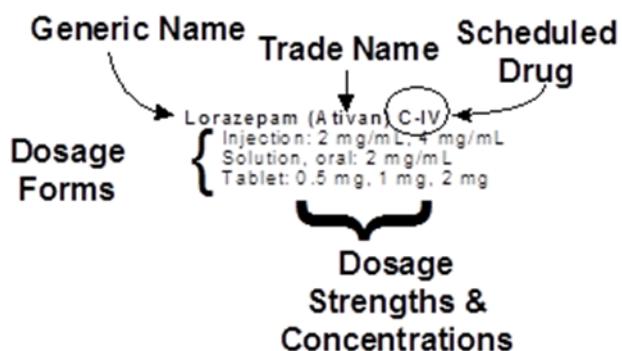
Appendix D. Non-Formulary Drug Justification Form **D1**

Introduction

The Texas Health and Human Services Psychiatric Drug Formulary is the publication that outlines the medications that have been approved for use in Community Mental Health Centers, Mental Health State Hospitals and the State Supported Living Centers. The formulary is updated and published at least annually. This document is divided into three sections (Alphabetical Listing, Therapeutic Classification/Cost Index, and Alphabetical Index) to facilitate usage.

Alphabetical Listing:

This section lists all the medications alphabetically by generic (nonproprietary) name. Trade (proprietary) names and abbreviations are listed in parenthesis after the generic name. In this section, all approved dosage forms are listed. All available strengths of approved dosage forms are considered formulary unless specifically noted otherwise.



Therapeutic Classification/Cost Index:

This section groups the medications by therapeutic usage and lists them alphabetically by generic (nonproprietary) name. Medications may be listed in multiple categories. For trade names, consult the alphabetical index. Also in this section is a relative cost index so that medications used in similar situations can be evaluated keeping cost of care in mind. Relative cost is noted as either low, moderate, or high and is based on cost per day of the average dose. The relative cost of bulk items is indexed per unit (gram, ml).

Alphabetical Index:

This section lists all the medications alphabetically by trade name, generic name, and abbreviations. Page numbers for each of the listings is provided.

The purpose of the HHSC Psychiatric Executive Formulary Committee is to maintain and update the *Formulary* and to recommend standards for drug use within the Community Mental Health Centers, State Hospitals and the State Supported Living Centers. The Committee is concerned

with maintaining the highest standards for drug use. To assist the clinician in prescribing the most cost effective agents, a Therapeutic Classification with relative cost data is provided. Because of their frequency of use, the highest level of concern and vigilance centers on the psychotropic medications. For the clinician's reference, the *Formulary* provides tables summarizing the recommended dosage ranges for the psychotropic drugs; however, these guidelines are not intended to replace other references or the clinician's clinical judgment. The clinician is urged to check with other references, including the Texas Administrative Code, Title 25, Part 1, Chapter 415, Subchapter A, Prescribing of Psychoactive Medication, US Food and Drug Administration product labeling, *The American Hospital Formulary Service Drug Information*, and *Facts & Comparisons* among other reliable sources.

This *Formulary*, is not intended to be a reference for drug use. Rather it is to serve the clinician as a listing of drugs, which are approved for use. Approval of a drug entity for inclusion in the *Formulary* does not imply approval of all formulations containing that entity. The HHSC Psychiatric Executive Formulary Committee will decide which formulations are approved for use. Not all drugs listed in the *Formulary* will be stocked at each facility's pharmacy. If a physician, dentist, nurse or pharmacist desires to have a drug added to the *Formulary*, he or she should complete and submit the appropriate form (New Drug Application, see Appendix A) to the facility's Pharmacy and Therapeutics Committee. If it is approved at the facility level, the facility's Director of Pharmacy must then forward the request to the HHSC Psychiatric Executive Formulary Committee in care of the State Hospitals. Attempts will be made to consider requests received at least 60 days prior to the quarterly meeting at that meeting. Requests received less than 60 days before the meeting may not be considered until the following meeting. Clinicians and facilities should submit supporting documents with their formulary request. The HHSC Psychiatric Executive Formulary Committee will evaluate the submission's appropriateness based upon the efficacy and safety of the proposed drug compared with existing formulary items and cost effectiveness of the new agent. When appropriate, the HHSC Psychiatric Executive Formulary Committee will add the new drug or replace old agents in the same pharmacological/therapeutic category with the new agent. If the HHSC Executive Formulary Committee declines to add the new drug to the formulary, the new drug will not be reconsidered for addition to the formulary for at least one year and only if additional evidence is available for review. If a new drug application is resubmitted for a drug already considered and not added to the formulary, supporting evidence must be provided with the application.

The Formulary consists of routine and reserve drugs. Drugs in the reserve class have specific guidelines for use printed in the *Formulary*.

As a means of preventing medication errors, the *Formulary* has incorporated TALL MAN characters to assist in distinguishing look-alike drug names. TALL MAN characters are being implemented in various parts of the pharmaceutical industry in order to prevent medication errors. Even though the *Formulary* may not play a major role in preventing medication errors,

hopefully this change will stimulate the awareness of TALL MAN characters and assist in implementing this print style in other areas of our medication use process.

The HHSC System utilizes a closed formulary system. Only drugs listed in the *Formulary* are to be stocked, prescribed and dispensed in State Hospitals and State Supported Living Centers including pharmaceutical products recommended by consultants for specialized treatments. When a patient's condition requires a drug not listed in the *Formulary*, limited quantities can be obtained for use in that particular patient. However, documentation (Non-Formulary Drug Justification Form, see Appendix D) or other appropriate pharmacy software generated report should be submitted to the facility Medical Director and the State Hospital Chief Medical Director's office where it will be reviewed by the HHSC Psychiatric Executive Formulary Committee to assure reasonable compliance with the *Formulary*.

When requested by the Commissioner, the HHSC Psychiatric Executive Formulary Committee will make other recommendations regarding drug use. If facility clinicians have topics for committee consideration, these requests should be sent to the Chairperson, HHSC Psychiatric Executive Formulary Committee in care of the State Hospitals (mail code 2023). The Committee also appreciates your comments concerning the printing of the *Formulary* and Committee deliberations and decisions. Please feel free to provide input.

David Moron, M.D.

David Moron, M.D.
Chairperson
HHSC Psychiatric Executive Formulary Committee
October 2023

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HHS Psychiatric Drug Formulary editor

Kasey L. Pena, PharmD

Procedure for Addition of Drugs to the Formulary

A physician, dentist, nurse or pharmacist desiring that a new drug be added to the Formulary should submit a new drug application (New Drug Application, see Appendix A) to the facility's formulary committee. If approved, the new drug application should be forwarded to the HHSC Psychiatric Executive Formulary Committee. The following information should accompany the application:

1. published articles in the biomedical literature that substantiate the efficacy and safety of the proposed new drug;
2. advantages of the proposed new drug compared with similar therapeutic agents presently in the Formulary;
3. drugs in the Formulary which the proposed agent will replace or supplement;
4. cost effectiveness data.

New drug applications should be received by the secretary of the committee sixty days prior to the committee's scheduled meeting date. Applications received after this time will be considered at the next meeting.

The chairperson will assign a committee member to present an objective treatise and recommendations concerning the proposed new drug to the HHSC Psychiatric Executive Formulary Committee. The committee may decide to approve or deny the drug's inclusion, approve the drug on a trial basis, or postpone a decision until the following meeting of the committee. The committee, at its discretion, may approve a drug's inclusion in the Formulary as a reserve drug, subject to specific limitations (e.g., recommendation by qualified specialists or consultants).

HHSC Psychiatric Executive Formulary Committee
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Psychotropic Dosage Guidelines

The following is a list of psychotropic drug dosages. These guidelines are not intended to establish rigid standards of treatment but to assist in monitoring the pharmacotherapy of the patient. Furthermore, guidelines for special patient populations are not intended to be absolute. For those medications that have a well-established therapeutic serum range, the dosage should be based upon the desired serum range and response rather than a specific maximum administered daily dosage. These guidelines should be used in conjunction with sound clinical judgment and the prescriber's experience.

In children and adolescents, metabolic and physiologic differences from adults should be considered when prescribing. Dosing based on body weight may be more accurate when treating these patients.

Different dosage requirements are usually necessary in the geriatric population. Since there is no standard definition for "geriatric", the arbitrary age of 65 has been chosen to identify geriatric patients. In general, geriatric patient dosing guidelines should reflect a "go low, go slow" approach. Standard reference books should be consulted if needed for appropriate dosages when treating this population.

In general, when treating patients with intellectual disabilities, a "go low, go slow" approach is recommended when increasing or decreasing psychotropic medication. The use of psychotropic medication can be therapeutic and empowering for a person with both intellectual disabilities and mental illness. The primary goal is to obtain an accurate diagnosis of behavioral and psychiatric symptoms so that the patients' treatment is appropriate.

Prescribing psychotropic medication should be based on the following resources:

Texas Administrative Code, Title 25, Part 1, Chapter 415, Subchapter A, Prescribing of Psychoactive Medications

Other useful resources that reflect current Standards of Care for the mentally ill include but are not limited to the following:

American Psychiatric Association Practice Guidelines

Texas Health and Human Services: Psychotropic Medication Utilization Parameters for Children and Youth in Texas Public Behavioral Health

Children and Adolescent Treatment of Behavioral Emergencies

Intramuscular Short-Acting Agents

Children (< 12 y/o)

Drug	Maximum Single dose (mg)	Minimum Interval (hrs)	Maximum Total Dose per day (mg)
chlorproMAZINE	0.55 mg/kg Up to 25 mg	6 to 8	< 5 y/o: 40 ≥ 5 y/o: 75
diphenhydrAMINE ^a	1 mg/kg Up to 50 mg	4 to 6	100
Haloperidol	0.05-0.15 mg/kg Up to 5 mg	4 to 6	15-40 kg: 6 Over 40 kg: 15
LORazepam	0.05-0.1 mg/kg Up to 2 mg	4 to 8	4
OLANZapine	5 mg	4 to 6	10-20
Ziprasidone ^b	0.2 mg/kg Up to 10 mg	4 to 6	20

Adolescent (12 y/o to < 18 y/o)

Drug	Maximum Single dose (mg)	Minimum Interval (hrs)	Maximum Total Dose per day (mg)
chlorproMAZINE	0.55 mg/kg Up to 25 mg	6 to 8	75
diphenhydrAMINE ^a	1 mg/kg Up to 50 mg	4 to 6	200
Haloperidol	0.05-0.15 mg/kg Up to 5 mg	4 to 6	15-40 kg: 6 Over 40 kg: 15
LORazepam	0.05-0.1 mg/kg Up to 2 mg	4 to 8	8
OLANZapine	10	4 to 6	20
Ziprasidone ^b	0.2 mg/kg Up to 20 mg	4 to 6	20

^a Use diphenhydramine with caution in behavioral emergencies due to increased risk of paradoxical reactions in this population

^b Gerson and colleagues did not recommend ziprasidone due to activating potential and QT prolongation

Sources:

1. Gerson R, Malas N, Feuer V, et. Al. Best Practices for Evaluation and Treatment of agitated children and Adolescents (BETA) in the Emergency Department: Consensus Statement of the American Association of Emergency Psychiatry. West J of Emerg Med. 2019;20(2):409-418.
2. Chun TH, Mace SE, Katz ER. Evaluation and Management of Children and Adolescents with Acute Mental Health or Behavioral Problems. Part I: Common Clinical Challenges of Patients with Mental Health and/or Behavioral Emergencies. Pediatrics. 2016;138(3):e1-e22.
3. Carubia B, Becker A, Levine BH. Child Psychiatric Emergencies: Updates on Trends, Clinical Care, and Practice Challenges Curr Psychiatry Rep. 2016;18(41):1-8.
4. Sonnier L, Barzman D. Pharmacologic Management of Acutely Agitated Pediatric Patients. Pediatr Drugs. 2011;13(1):1-10.
5. Savarese, DMF, & Zand, JM. (2020). In JM Zand (Ed.), UpToDate. Cited September 8, 2020, from <https://www.uptodate.com/contents/search>.
6. Drug Facts and Comparisons. eFacts [online]. 2020. Available from Wolters Kluwer Health, Inc. Accessed September 18, 2023.
7. Micromedex® [electronic version]. Truven Health Analytics, Greenwood Village, CO, USA (cited 09-10-20).

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Adult Treatment of Behavioral Emergencies

Intramuscular Short-Acting Agents

Drug	Maximum Single dose (mg)	Minimum Interval (hrs)	Maximum Total Dose per day (mg)
IM chlorproMAZINE ^a	100 ^b	2 ^b	200
IM diphenhydrAMINE	50	1	400
IM fluPHENAZINE ^c	5	6	10 ^d
IM Haloperidol	10	1	30
IM hydrOXYzine ^c	100	4	400
IM LORazepam	4	0.5	10
IM OLANZapine	10 Dementia: 5	2	30 Dementia: 12.5

Drug	Maximum Single dose (mg)	Minimum Interval (hrs)	Maximum Total Dose per day (mg)
IM Ziprasidone	10	2	40
	20	4	

^a Use of chlorpromazine for the treatment of behavioral emergencies is discouraged due to significant risk of QTc prolongation, hypotension, and reduction of the seizure threshold.

^b Usual chlorpromazine dose 25-50 mg, initial dose is not recommended to be greater than 50 mg if tolerability is unknown and may give additional dose in 1 hour based on response and tolerability.

^c There is minimal evidence to support the use of these agents for treatment of behavioral emergencies.

^d Use doses exceeding 10 mg of fluphenazine daily with caution.

Sources:

- Allen MG, Currier GW, Carpenter D, et al. Treatment of Behavioral Emergencies Expert Consensus Guidelines Series. Journal of Psychiatric Practice 2005; 11 [Suppl 1]:1-108.
- Moore G MD JD, Moore M MD. (2023). Assessment and emergency management of the acutely agitated or violent adult, UpToDate. Cited September 18, 2023, from <https://www.uptodate.com/contents/search>.
- Micromedex® [electronic version]. Truven Health Analytics, Greenwood Village, CO, USA (cited 07-24-20).
- Lukens TW, Wolf SJ, Edlow JA, et al. Clinical Policy: Critical Issues in the Diagnosis and Management of the Adult Psychiatric Patient in the Emergency Department. From the American College of Emergency Physicians Clinical Policies Subcommittee (Writing Committee) on Critical Issues in the Diagnosis and Management of the Adult Psychiatric Patient in the Emergency Department. Ann Emerg Med 2006; 47:79-99.
- Drug Facts and Comparisons. eFacts [online]. 2023. Available from Wolters Kluwer Health, Inc. Accessed September 18, 2023.

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Antipsychotics

Suggested maximum doses (mg/day)

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
ARIPIPRAZOLE (Abilify)	30 (tabs) 25 (oral soln) Adjunct in Major Depressive Disorder: 15	4-11 y/o: 15 (Lit) Bipolar mania/mixed (10-11 y/o): 30 Tourette's Disorder (6-11 y/o): • <50 kg: 10 • ≥50 kg: 20 Irritability Assoc w/ Autistic Disorder (6-11 y/o): 15	Schizophrenia (13-17 y/o): 30 Bipolar mania/mixed (12-17 y/o): 30 Tourette's Disorder: • <50 kg: 10 • ≥50 kg: 20 Irritability Assoc w/ Autistic Disorder: 15
ARIPIPRAZOLE Extended Release (Abilify Maintena)	400 per 4 weeks	NL	NL
ARIPIPRAZOLE LAUROXIL (Aristada Initio) RESERVE USE	675 once, along with 30 mg oral once	NL	NL
ARIPIPRAZOLE LAUROXIL (Aristada)	882 per 4 or 6 weeks 1064 per 8 weeks	NL	NL
Asenapine (Saphris)	20	Bipolar mania/mixed (10-11 y/o): 20	Bipolar mania/mixed: 20
BREXPIPRAZOLE (Rexulti)	4 Agitation due to dementia – Alzheimer's disease/ Adjunct in Major Depressive Disorder: 3	R-NR	Schizophrenia (13-17 y/o): 4

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
Cariprazine (Vraylar)	Schizophrenia/ Bipolar mania/mixed: 6 Bipolar depression/ Adjunct in Major Depressive Disorder: 3	Bipolar I disorder (10-11 y/o): 4.5 (Lit)	Schizophrenia (13-17 y/o): 4.5 (Lit) Bipolar I disorder: 4.5 (Lit)
chlorproMAZINE (Thorazine [DSC])	2,000	<5 y/o: 40 (Lit) 5-11 y/o: 75 (Lit) Severe behavior problems outpatient (1-11 y/o): 0.55 mg/kg q 4-6 hr prn	12 y/o: 75 (Lit) >12 y/o: 800 (Lit) Severe behavior problems (12 y/o) outpatient: 0.55 mg/kg q 4-6 hr prn Psychotic disorders: 500
cloZAPine (Clozaril, Fazaclor, Versacloz) RESERVE USE	900 Psychosis due to Parkinson's disease: 50 (Lit)	8-11 y/o: 300 (Lit)	600 (Lit)
fluPHENAZine (oral) (Prolixin)	40	NL	NL
fluPHENAZine Decanoate (Prolixin Decanoate)	100 per 2 weeks	NL	NL

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
Haloperidol (oral) (Haldol)	100	3-11 y/o: Lesser of 0.15 mg/kg or 6 (Lit)	12 y/o: Lesser of 0.15 mg/kg or 6 (Lit) Acute agitation (>12 y/o): 10/dose (Lit) Psychosis: 0.15 mg/kg Severely disturbed children: 6 Tourette's Disorder and severe behavioral problems: 0.075 mg/kg
Haloperidol Decanoate (Haldol Decanoate)	450 per month	NL	NL
Iloperidone (Fanapt) RESERVE USE	24	Acute treatment of Bipolar mania/mixed (10-11 y/o): 20	Acute treatment of Bipolar mania/mixed: 20
Loxapine (Loxitane [DSC])	250	NL	NL
Lumateperone (Caplyta)	42	R-NR	R-NR
Lurasidone (Latuda)	160 Adjunct in Bipolar I depression: 120	Bipolar I depression (10-11 y/o): 80	Schizophrenia (13-17 y/o): 80 Bipolar I depression (12-17 y/o): 80
OLANZapine (ZyPREXA, ZyPREXA Zydis)	30 Bipolar mania/mixed: 20	4-5 y/o: 12.5 (Lit) 6-11 y/o: 20 (Lit)	12 y/o: 20 (Lit) Schizophrenia (13-17 y/o): 20 Bipolar mania/mixed (13-17 y/o): 20

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
OLANZapine pamoate (ZyPREXA Relprevv) RESERVE USE	300 per 2 weeks 405 per 4 weeks	NL	NL
Paliperidone (Invega)	12	R-NR	Schizophrenia: • < 51 kg: 6 • ≥ 51 kg: 12
Paliperidone palmitate (Invega Sustenna)	234 per 4 weeks	NL	NL
Paliperidone palmitate (Invega Trinza) RESERVE USE	819 per 3 months	NL	NL
Perphenazine (Trilafon [DSC])	32 (outpatient) 64 (inpatient)	R-NR	>12 y/o: 64 (Lit) Psychotic disorders: • 24 (outpatient) • 64 (inpatient)
QUEtiapine (SEROquel)	800	5-9 y/o: 400 (Lit) 10-11 y/o: 800 (Lit) Bipolar mania (10-11 y/o): 600	12-17 y/o: 800 (Lit) Schizophrenia (13-17 y/o): 800 Bipolar mania (12-17 y/o): 600
risperiDONE (RisperDAL, RisperDAL M-Tab)	8 ^a Bipolar mania: 6	4 -11 y/o: 3 (Lit) Bipolar mania/mixed (10-11 y/o): 6 Irritability in Autistic Disorder (5-11 y/o): 3	Schizophrenia (13-17 y/o): 6 Bipolar mania/mixed (12-17 y/o): 6 Irritability in Autistic Disorder (12-17 y/o): 3
risperiDONE (RisperDAL Consta)	50 per 2 weeks	NL	NL
Thioridazine (Mellaril [DSC]) RESERVE USE	(ABSOLUTE) 800	NL	NL

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
Thiothixene (Navane [DSC])	60	NL	NL
Trifluoperazine (Stelazine [DSC])	40	NL	NL
Ziprasidone (Geodon)	160	Bipolar Disorder: (10-11 y/o): • ≤ 45 kg: 80 (Lit) • > 45 kg: 160 (Lit)	Bipolar Disorder: • ≤ 45 kg: 80 (Lit) • > 45 kg: 160 (Lit)

^a Risperidone doses > 6 mg/day have increased risk of EPS

Lit= Literature support

NL= Not Listed. Not listed in Psychotropic Medication Utilization Parameters for Children and Youth in Texas Public Behavioral Health: Medication Tables (7th Version) 2023, thus not recommended.

NR= Not Recommended

R-NR= Reviewed, not recommended. Reviewed for Psychotropic Medication Utilization Parameters for Children and Youth in Texas Public Behavioral Health: Medication Tables (7th Version) 2023 but not recommended.

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Antidepressants

Suggested maximum doses (mg/day)

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
Amitriptyline (Elavil)	300	NL	NL
buPROPion (Wellbutrin)	450 (with no single dose >150)	6-11 y/o: Lesser of 6 mg/kg or 300 (Lit) (with no single dose > 150)	Lesser of 6 mg/kg or 300 (Lit) (with no single dose >150)
buPROPion SR (Wellbutrin SR)	400 (with no single dose >200)	6-11 y/o: 400 (Lit) (with no single dose >200)	400 (Lit) (with no single dose >200)

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
buPROPION XL (Wellbutrin XL)	450	6-11 y/o: 450 (Lit)	450 (Lit)
Citalopram (CelexA)	40	6-11 y/o: 40 (Lit)	40 (Lit)
clomiPRAMINE (Anafranil)	250	OCD (10-11 y/o): Lesser of 3 mg/kg or 200 mg	OCD: Lesser of 3 mg/kg or 200 mg
Desipramine (Norpramin)	300 ^a	NL	NL
Desvenlafaxine (Pristiq, Khedezla) NON-Formulary	200	7-11 y/o: 50 (Lit)	50 (Lit)
Doxepin (SINEquan)	300	NL	NL
DULoxetine (Cymbalta)	120	GAD (7-11 y/o): 120	GAD: 120
Escitalopram (Lexapro) ^b	30 (Lit) OCD: 60	6-11 y/o: 20 (Lit)	≥ 12 y/o: 20
FLUoxetine (PROzac) ^b	80 OCD: 120	6-11 y/o: 60 (Lit)	OCD: 60
fluvoxaMINE (Luvox)	300 OCD: 450 ^c	OCD (8-11 y/o): 200	OCD: 300
Imipramine (Tofranil)	300 ^a	R-NR	R-NR
Levomilnacipran (Fetzima) NON-Formulary	120	R-NR	R-NR
Mirtazapine (Remeron)	45 Panic Disorder: 60	7-11 y/o: 45 (Lit)	45 (Lit)
Nortriptyline (Pamelor)	150 ^a	NL	NL
PARoxetine (Paxil)	50 OCD/Panic Disorder: 100	R-NR	R-NR

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
Phenelzine (Nardil)	90	NL	NL
Protriptyline (Vivactil) NON-Formulary	60	NL	NL
Sertraline (Zoloft) ^b	200 OCD: 400	OCD (≥ 6 y/o): 200	OCD: 200
Tranylcypromine (Parnate)	60	NL	NL
traZODone (Desyrel)	400 (outpatient) 600 (inpatient)	ID	150 (Lit) ^c
Venlafaxine (Effexor)	225 (outpatient) 375 (inpatient)	R-NR	R-NR
Venlafaxine XR (Effexor XR)	225	R-NR	R-NR
Vilazodone (Viibryd) NON-Formulary	40	7-11 y/o: 30 (Lit)	30 (Lit)
Vortioxetine (Trintellix) RESERVE USE	20	20 (Lit)	20 (Lit)

^a Plasma concentration monitoring is recommended if these doses are exceeded

^b Dose varies with diagnosis

^c For rapid metabolizers or patients tolerating the usual maximum dose with inadequate therapeutic response after 8 weeks or more

^d When used as a sedative hypnotic

OCD= Obsessive Compulsive Disorder

ID= Insufficient data to suggest support regarding its efficacy or to provide maximum dosing guidelines in this patient group

Lit= Literature support

NL= Not Listed. Not listed in Psychotropic Medication Utilization Parameters for Children and Youth in Texas Public Behavioral Health: Medication Tables (7th Version) 2023, thus not recommended.

R-NR= Reviewed, not recommended. Reviewed for Psychotropic Medication Utilization Parameters for Children and Youth in Texas Public Behavioral Health: Medication Tables (7th Version) 2023 but not recommended.

Mood Stabilizers

Suggested maximum doses (mg/day)

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
carBAMazepine (TEGretol, TEGretol XR, Carbatrol, Equetro)	1600	4-5 y/o: 35 mg/kg 6-11 y/o: 800 (Lit) Seizures (6-11 y/o): 1000	12-15 y/o: 1000 ^a >15 y/o: 1200 ^a
IamoTRIgine (LaMICtal) Bipolar disorder	With VPA: 100 Monotherapy: 200 Without VPA but with inducer ^b : 400	10-12 y/o ^c <ul style="list-style-type: none"> • With VPA: lesser of 3 mg/kg or 100 • Monotherapy: lesser of 6 mg/kg or 200 • Without VPA but with inducer^b: lesser of 12 mg/kg or 300 	13-17 y/o ^c <ul style="list-style-type: none"> • With VPA: 150 • Monotherapy: 300 • Without VPA but with inducer^b: 400
IamoTRIgine (LaMICtal) Epilepsy, Adjunctive therapy	With VPA: 200 Monotherapy: 375 With VPA and inducer ^b : 400 Without VPA but with inducer ^b : 500	2-12 y/o ^d <ul style="list-style-type: none"> • With VPA: 3 mg/kg • With VPA and inducer^b: 5 mg/kg • Monotherapy: lesser of 7.5 mg/kg or 300 • Without VPA but with inducer^b: lesser of 15 mg/kg or 400 	Same as adult dosing
Lithium (Lithobid, Eskalith)	1800 ^a	7-11 y/o <ul style="list-style-type: none"> • 20-30 kg: <ul style="list-style-type: none"> ◦ Acute: 1500^a ◦ Maintenance: 1200^a • >30 kg: 1800^a 	1800 or 12-hour post dose serum concentration (Acute/Maintenance) 1.2 mEq/L ^e

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
OXcarbazepine (Trileptal) ^e	2400	7-11 y/o ^b : Lesser of 60 mg/kg or 1500 (Lit) 13-17 y/o ^b : Lesser of 60 mg/kg or 2100 (Lit) Seizures: 60mg/kg	12 y/o ^b : Lesser of 60 mg/kg or 1500 (Lit) 13-17 y/o ^b : Lesser of 60 mg/kg or 2100 (Lit) Seizures: 60mg/kg
Valproic Acid/Valproate, Divalproex (Depakene [DSC], Depakote, Depakote ER)	60 mg/kg	6-11 y/o: 60 mg/kg or serum concentration 125 mcg/ml ^a Seizures (10-11 y/o): 60 mg/kg or serum concentration 100 mcg/ml ^a	>12 y/o: 60 mg/kg or serum concentration 125 mcg/ml ^a Seizures (\geq 12y/o): 60 mg/kg or serum concentration 100 mcg/ml ^a

Plasma concentration monitoring recommended if these doses are exceeded.

^a Maximum daily dose typically determined by drug serum concentration and individual patient tolerability

^b Carbamazepine (CBZ), phenytoin (PHT), phenobarbital, primidone, estrogen-containing oral contraceptives, rifampin, and the protease inhibitors lopinavir/ritonavir and atazanavir/ritonavir induce lamotrigine glucuronidation and clearance. Patients on rifampin and protease inhibitor lopinavir/ritonavir should follow the same dosing titration/maintenance regimen used with antiepileptic drugs that induce glucuronidation and increase clearance. Dosing recommendations for use of lamotrigine with oral contraceptives and atazanair/ritonavir can be found in LAMICTAL package insert (Dosage and Administration [2.1], General Dosing Considerations.)

^c Not FDA approved for treatment of bipolar disorder in patients < 18 yo. See dose titration tables in Psychotropic Medication Utilization Parameters for Children and Youth in Texas Public Behavioral Health: Medication Tables (7th Version) 2023.

^d Per the package insert (Table 2, Escalation Regimen for LAMICTAL in pts aged 2-12 y/o with epilepsy), maintenance doses in patients < 30 kg may need to be increased by as much as 50%, based on clinical response.

^e Not FDA approved for treatment of bipolar disorder in adults

Lit= Literature support

EIAED= Enzyme inducing anti-epileptic drugs (e.g., carbamazepine, phenobarbital, phenytoin, primidone)

VPA= valproic acid-valproate

Reviewed October 2023

Stimulants

Suggested maximum doses (mg/day)

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
Amphetamine Mixed Salts immediate release (Adderall)	60	3-5 y/o: 30 6-11 y/o: • ≤50 kg: 40 • >50 kg: 60 (Lit)	≤50 kg: 40 >50 kg: 60 (Lit)
Amphetamine Mixed Salts extended release (Adderall XR)	60	6-11 y/o: • ≤50 kg: 30 • >50 kg: 60 (Lit)	≤50 kg: 30 >50 kg: 60 (Lit)
Dexmethylphenidate extended release (Focalin XR)	40	6-11 y/o: 50 (Lit) ^a	50 (Lit)
Dextroamphetamine immediate release (Dexedrine [DSC], Zenzedi)	60	3-5 y/o: 40 (Lit) 6-11 y/o: • ≤50 kg: 40 • >50 kg: 60 (Lit)	≤50 kg: 40 >50 kg: 60 (Lit)
Dextroamphetamine sustained release (Dexedrine Spansule)	60	6-11 y/o: • ≤50 kg: 40 • >50 kg: 60 (Lit)	≤50 kg: 40 >50 kg: 60 (Lit)
Lisdexamfetamine (Vyvanse) RESERVE USE	70	4-5 y/o: 30 (Lit) 6-11 y/o: 70	70

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
Methylphenidate immediate release (Ritalin, Metadate [DSC]), extended release (Ritalin XR [DSC])	60	3-5 y/o: 22.5 (Lit) 6-11 y/o: • ≤50 kg: 60 • >50 kg: 100 (Lit) ^b	≤ 50 kg: 60 > 50 kg: 100 (Lit) ^a
Methylphenidate extended release osmotic release (Concerta)	72	3-5 y/o: 36 (Lit) 6-11 y/o: 72 (Lit)	12 y/o: 72 (Lit) ≥13 y/o: lesser of 72 or 2 mg/kg

^a Doses exceeding 30 mg/day should be used with caution and with attentive monitoring

^b Doses exceeding 60 mg/day should be used with caution and with attentive monitoring

Lit= Literature support

Reviewed October 2023

Miscellaneous Drugs Used for Psychotropic Purposes

Suggested maximum doses (mg/day)

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
atoMOXetine (Strattera)	100	6-11 y/o: Lesser of 1.8 mg/kg (Lit) or 100	Lesser of 1.8 mg/kg (Lit) or 100
cloNIDine (Catapres [DSC])	1.2	6-11 y/o: • 27-40.5 kg: 0.2 • 40.5-45 kg: 0.3 • >45 kg: 0.4	• 27-40.5 kg: 0.2 • 40.5-45 kg: 0.3 • >45 kg: 0.4
cloNIDine Extended Release (Kapvay)	0.4	6-11 y/o: 0.4	0.4

Drug	Adult	Child (< 12 y/o)	Adolescent (12 y/o to < 18 y/o)
guanFACINE (Tenex [DSC])	3	(Lit) 6-11 y/o ^a : • 27-40.5 kg: 2 • 40.5-45 kg: 3 • >45 kg: 4	(Lit) 11-17 y/o ^a : • 27-40.5 kg: 2 • 40.5-45 kg: 3 • >45 kg: 4
guanFACINE Extended Release (Intuniv)	ID	6-11 y/o: 4	12 y/o: 4 ≥13 y/o: 7 ^b
Naltrexone (ReVia [DSC]) RESERVE USE	AUD: 100	NL	LO
Naltrexone microspheres (Vivitrol) RESERVE USE	380 every 4 weeks ^c	NL	LO
Propranolol (Inderal)	Anxiety: 60 ^d	NL	NL

^a For ADHD

^b Dose > 4mg/day have not been studied in adjunctive trials

^c Shorter interval may be appropriate in some individuals

^d Maximum dose has not been determined for aggression or self-injurious behavior (SIB)

Lit= Literature support

ID= Insufficient data to suggest support regarding its efficacy or to provide maximum dose guidelines for this patient population.

LO= Limited options for treating opioid use disorder in Adolescents. Federal laws apply.

NL= Not Listed. Not listed in Psychotropic Medication Utilization Parameters for Children and Youth in Texas Public Behavioral Health: Medication Tables (7th Version) 2023, thus not recommended.

AUD= Alcohol use disorder

Sources:

1. London EB, Yoo JH, Fethke ED, Zimmerman-Bier B. The safety and effectiveness of high-dose propranolol as a treatment for challenging behaviors in individuals with autism spectrum disorders. *J Clin Psychopharmacol.* 2020;40(2):122-129.
2. Psychotropic Medication Utilization Parameters for Children and Youth in Texas Public Behavioral Health: Medication Tables (7th Version)
3. Lexicomp accessed 09/2023

Reviewed October 2023

Anxiolytics

Suggested maximum doses (mg/day)

Drug	Under 65 years (mg/day)	65 years and over (mg/day)
ALPRAZolam (Xanax)	4 Panic Disorder: 10	2 Panic Disorder: 0.75 ^a
busPIRone (BuSpar [DSC])	60 Depression: 90	60
chlordiazepOXIDE (Librium)	100 ^b Alcohol withdrawal syndrome: 300	20 ^b
clonazePAM (KlonopIN)	4 ^c Seizure disorder: 20	4 ^c
Clorazepate (Tranxene)	90 ^b	60 ^b
diazepam (Valium)	60	5 ^a
LORazepam (Ativan)	10 ^b	2 ^{b,c}
Oxazepam (Serax)	120	60

^a Except when documentation shows higher doses are necessary to maintain or improve patient's function

^b Larger doses may be necessary in some cases of alcohol or other substance withdrawal

^c Initiate with low doses and observe closely, increase gradually as needed and tolerated

Source:

1. Rickels K, Amsterdam JD, Clary C, Puzzioli G, Schweizer E. Buspirone in major depression: a controlled study. J Clin Psychiatry. 1991 Jan;52(1):34-8. PMID: 1988416.

Reviewed October 2023

Hypnotics

Suggested maximum doses (mg/day)

Drug	Under 65 years (mg/day)	65 years and older (mg/day)	Child<br (<="" 12="" b="" o)<="" y=""/>	Adolescent (12 y/o to < 18 y/o)
diphenhydramine (Benadryl) ^{a,b}	Insomnia: 50 Other indications: 300	Insomnia: 50 Other indications: 300	Insomnia: Lesser of 50 or 1mg/kg (Lit) Other indications: 300	Insomnia: Lesser of 50 or 1mg/kg (Lit) Other indications: 300
Eszopiclone (Lunesta) ^a	3	2	R-NR	R-NR
hydrOXYzine (Atarax [DSC], Vistaril) ^a	Insomnia: 100 Other indications: 400	Insomnia: 100 Other indications: 400	<6 y/o: 50 6-11 y/o: 100 (Lit)	≥12 y/o: 100 (Lit)
Ramelteon (Rozerem) NON-Formulary	8	8	R-NR	R-NR
Suvorexant (Belsomra) NON-Formulary	20	20	R-NR	R-NR
Tasimelteon (Hetlioz) NON-formulary	20	20	R-NR (Lit) ^c	R-NR (Lit) ^c
Temazepam (Restoril) ^a	30	15 (Lit)	R-NR	R-NR
trazodone (Desyrel [DSC])	Insomnia: 200 Depression: • 400 (outpatient) • 600 (inpatient)	150	ID	150 (Lit)
Triazolam (Halcion) ^a	0.5	0.25	NL	NL

Drug	Under 65 years (mg/day)	65 years and older (mg/day)	Child<br (<="" 12="" b="" o)<="" y=""/>	Adolescent (12 y/o to < 18 y/o)
Zolpidem (Ambien) ^a	10	5	R-NR	R-NR
Zolpidem extended release (Ambien CR) ^a NON-Formulary	12.5	6.25	R-NR	R-NR

^a Medication found on the 2023 American Geriatrics Society (AGS) Beers Criteria Medication List

^b Evidence suggests that tolerance develops to the hypnotic effects within 5-7 nights of continuous use.

^c FDA approved for nighttime sleep disturbances in Smith-Magenis Syndrome (SMS) in adults and children ≥ 3 y/o [FDA approval based on a very small study (n=26, ages 3-39 y/o with SMS)]. There is insufficient evidence for routine use in children and adolescents with insomnia.

ID= Insufficient data to suggest support regarding its efficacy or to provide maximum dosing guidelines in this patient group

NL= Not Listed. Not listed in Psychotropic Medication Utilization Parameters for Children and Youth in Texas Public Behavioral Health: Medication Tables (7th Version) 2023, thus not recommended.

R-NR= Reviewed, not recommended. Reviewed for Psychotropic Medication Utilization Parameters for Children and Youth in Texas Public Behavioral Health: Medication Tables (7th Version) 2023 but not recommended.

Lit= Literature support

Reviewed October 2023

Reserve Drugs

The purpose of the reserve drug class is to stimulate thought and promote care in prescribing. Discussions and interaction with other prescribers is strongly encouraged and references to treatment guidelines and other resources are provided. When reserve status drugs are utilized, documentation of justification in the patient's progress notes is mandated. The PEFC has developed guidelines to help prescribers select patients who would benefit from reserve medications and, for some of the medications, audit criteria with specific monitoring instructions.

Drug	Guidelines for Use
ARIPiprazole lauroxil (Aristada Initio)	<ol style="list-style-type: none">1. To be used if the patient has demonstrated tolerability to ARIPiprazole through either a two-week trial of oral ARIPiprazole or a history of ARIPiprazole LAI use.2. To be used if provider believes patient will not take oral aripiprazole for 21 days of overlap.
Adenosine (Adenocard)	To be used in an ECT suite or under the direction of an anesthesiologist
Betamethasone dipropionate, augmented (Diprolene A/F)	To be used under the direction of a dermatologist
Cannabidiol (Epidiolex)	<ol style="list-style-type: none">1. To be used in patients with a diagnosis of Lennox-Gastaut syndrome or Dravet syndrome, or tuberous sclerosis complex in patients 1 year of age and older; and2. Having treatment-resistant seizures after failed trials of adequate dose and duration of two other antiepileptic agents; and3. When recommended by a neurologist.
CloBAZam (Onfi)	To be used for the treatment of seizures
Clobetasol (Temovate)	To be used under the direction of a dermatologist

Drug	Guidelines for Use
cloZAPine (Clozaril, Fazaclor, Versacloz)	<p>1. For use in patients with refractory schizophrenia or schizoaffective disorder [defined as failure on two antipsychotics from two different chemical families given for sufficient time (6-12 weeks) at a sufficient dose (1,000 mg/day of chlorpromazine equivalents); or</p> <p>2. For use in schizophrenic or schizoaffective patients who cannot tolerate other antipsychotics; or</p> <p>3. Psychosis associated with other organic conditions who have failed two antipsychotics or who cannot tolerate other antipsychotics; or</p> <p>4. Manic disorders with psychosis in patients who have failed two antipsychotics</p> <p>5. Reduction in the risk of aggression or recurrent suicidal behavior in patients with schizophrenia or schizoaffective disorder</p> <p>See clozapine REMS https://www.newclozapinerems.com/home</p> <p>See clozapine medication audit criteria/guidelines</p>
Deutetrabenazine (Austedo)	Follow the Treatment Algorithm for Tardive Dyskinesia, available under Resources (https://www.hhs.texas.gov/providers/health-care-facilities-regulation/psychiatric-drug-formulary).
Dexmedetomidine (Igalmi)	This medication must be administered under the supervision of a healthcare provider (i.e., RN or LVN) with monitoring of vital signs and alertness for at least two hours after each dosage administration.
DOPamine (Intropin [DSC])	To be used in an ECT Suite or under the direction of an anesthesiologist
Epoetin alfa (Epogen, Procrit)	When recommended by a consultant physician
Esketamine (Spravato)	<p>1. The patient must have a history of three failed antidepressant trials of adequate dose and duration involving more than one class of antidepressant.</p> <p>2. The severity of the depression should be measured using the MADRS at baseline and then weekly for the duration of treatment with esketamine nasal spray.</p> <p>3. All REMS requirements must be followed.</p> <p>See esketamine (Spravato) medication audit criteria/guidelines</p>
Felbamate (Felbatol)	Weekly progress note by physician monitoring for response and adverse effects for at least two weeks following initiation of therapy

Drug	Guidelines for Use
Iloperidone (Fanapt)	For use in patients that have failed on two antipsychotics given for a sufficient time; or for patients who cannot tolerate other antipsychotics due to akathisia See Antipsychotics, Atypical medication audit criteria/guidelines
Ketamine (Ketalar)	See: CANMAT Task Force Recommendations for the Use of Racemic Ketamine in Adults with Major Depressive Disorder. The Canadian Journal of Psychiatry 2021, Vol 66(2), 113-125. See: A Consensus Statement on the Use of Ketamine in the Treatment of Mood Disorders. JAMA Psychiatry 2017;74(4): 399-405.
Linaclotide (Linzess)	Patients who are receiving enteral nutrition or who require a modified diet texture
Linezolid (Zyvox)	When recommended by a consultant physician
Lisdexamfetamine (Vyvanse)	Continued therapy on admission; or failed other stimulants
Meropenem (Merrem)	To provide continuation of therapy post hospital discharge.

Drug	Guidelines for Use
Methadone (Methadone)	<ol style="list-style-type: none"> 1. Methadone's risk profile includes significant QTc prolongation, a long and variable half-life, peak respiratory depressant effects that occur later and last longer than peak analgesic effects, potential for multiple drug interactions, and dose-dependent variability in equianalgesic dose ratios. 2. Methadone maintenance therapy is a mainstay in the treatment of opioid use disorder (OUD). However, according to the 2016 CDC Guideline for Prescribing Opioids for Chronic Pain, methadone should not be the first choice for an ER/LA opioid and only clinicians who are familiar with its unique risk profile and prepared to educate and closely monitor their patients should consider prescribing methadone for pain. 3. Methadone products are included in the FDA's Risk Evaluation and Mitigation Strategy (REMS) for all opioid analgesic products intended for outpatient use (www.opioidanalgesicrems.com); the REMS only applies to methadone products indicated for the treatment of pain. The Opioid Analgesic REMS does not impact patient access or impose any restrictions on prescribing or dispensing. Its intent is to reduce serious adverse outcomes resulting from inappropriate prescribing, misuse, and abuse of opioid analgesic products. The REMS contains information about FDA REMS-compliant accredited continuing education, patient counseling, medication guides, and other tools. While completion of REMS-compliant accredited CE is not mandatory under this REMS, all healthcare providers are STRONGLY encouraged to successfully complete a REMS-compliant training program from an accredited provider of CE. 4. In 2014, the American Pain Society developed specific recommendations to promote safer prescribing of methadone for the treatment of OUD and chronic pain. The guidelines were written in collaboration with the College on Problems of Drug Dependence and the Heart Rhythm Society and cover the following topics: (1) patient assessment and selection; (2) patient education and counseling; (3) baseline electrocardiograms; (4) initiation of methadone; (5) follow-up electrocardiograms; (6) monitoring for management of adverse events; (7) urine drug testing; (8) medication interactions; and (9) methadone use in pregnancy. https://www.jpain.org/article/S1526-5900(14)00522-7/fulltext
Mirabegron (Myrbetriq)	Unable to tolerate anticholinergic medications

Drug	Guidelines for Use
Moxifloxacin (Moxeza, Vigamox)	For bacterial conjunctivitis where MRSA or gram-negative microorganisms is identified or suspected.
Nabumetone (Relafen)	For the treatment of chronic osteoarthritis or chronic rheumatoid arthritis
Naloxone (Narcan) Nasal spray	To be dispensed only as a discharge medication for patients that have been determined to be at risk of an opiate overdose.
Naltrexone (ReVia [DSC])	Not to be used for the treatment of opioid use disorders.
Naltrexone microspheres (Vivitrol)-	<p>For those that are not candidates for or who have not responded to or tolerated other available formulary therapies for alcohol use disorders and do not have a contraindication to the use of naltrexone microspheres (Vivitrol).</p> <p>OR</p> <p>For those with opioid use disorder for whom opioid agonist treatment (buprenorphine/naloxone, methadone) is contraindicated, unacceptable, unavailable, or discontinued and who have established abstinence for a sufficient period of time.</p> <ol style="list-style-type: none"> 1. Use should be part of a comprehensive management program that includes psychosocial support for the specific substance use. 2. FDA REMS process must be followed which includes review of the potential risks associated with the use of naltrexone microspheres (Vivitrol). 3. Medication Guide must be provided to patients before each administration. 4. In case of emergency, patients must be given a safety bracelet and wallet card that indicates treatment with naltrexone microspheres (Vivitrol). 5. Hospital use requires MHA approval prior to initiation. See naltrexone audit criteria and guidelines.
Norepinephrine or Levarterenol (Levophed)	To be used in an ECT Suite or under the direction of an anesthesiologist.

Drug	Guidelines for Use
OLANZapine pamoate (ZyPREXA Relprevv)	1. Written approval by the Hospital Clinical Director and the local mental health authority clinical director prior to initiation of therapy with olanzapine pamoate 2. Compliance with the Risk Evaluation and Mitigation Strategy (REMS)
Olmesartan (Benicar)	In cases of drug shortages of formulary ARBs.
Ophthalmic agents containing a steroid	Consultation with an Ophthalmologist or Therapeutic Optometrist prior to initiation.
Paliperidone palmitate (Invega Trinza)	Patient must be stabilized on Invega Sustenna for at least 4 months prior to initiation.
Pentamidine (Pentam)	1. Prophylaxis post-treatment of documented <i>Pneumocystis jiroveci</i> pneumonia (PJP); or 2. Prophylaxis of <i>Pneumocystis jiroveci</i> pneumonia (PJP) in patients with CD4 counts less than 200
Thioridazine (Mellaril [DSC])	Potential for significant, possibly life-threatening, proarrhythmic effects. Reserve for use in patients with refractory schizophrenia (failed other classes of antipsychotics) See antipsychotics-typical-thioridazine-audit criteria and checklist
tiZANidine (Zanaflex)	1. Documented failure or intolerance to baclofen 2. Documentation of efficacy after one month of therapy
Valbenazine (Ingrezza)	Follow the Treatment Algorithm for Tardive Dyskinesia, available under Resources (https://www.hhs.texas.gov/providers/health-care-facilities-regulation/psychiatric-drug-formulary).
Vortioxetine (Trintellix)	Previously completed three adequate trials with antidepressants from at least two antidepressant categories.

Therapeutic Reference Ranges

Drug	Therapeutic Reference Range
Amitriptyline	80-200 ng/mL (amitriptyline plus nortriptyline) ^{1,2,3}
carBAMazepine	4-12 mcg/mL ¹ Mood: 4-10 mcg/mL ² Anticonvulsant: 4-12 mcg/mL ² ; 4-8 mcg/mL if given with other antiseizure medications ¹
cloZAPine	350-600 ng/mL ^{1,2,3}
Desipramine	100-300 ng/mL ^{1,2,3}
Doxepin	50-150 ng/mL (doxepin plus N-desmethyl doxepin) ^{1,2,3}
Ethosuximide	40-100 mcg/mL ^{1,2,3}
fluPHENAZine	1-10 ng/mL ^{1,2,3}
Haloperidol	1-10 ng/mL ^{1,2,3}
Imipramine	175-300ng/mL (imipramine plus desipramine) ^{1,2,3}
IamoTRIgine	Bipolar Disorder: 1-6 mcg/mL ^{1,2} Epilepsy: 3-15 mcg/mL ^{1,2}
Lithium	0.5-1.2 mmol/L ² Acute Mania: 0.8-1.2 mEq/L ¹ Maintenance: 0.6-1.2 mEq/L ³ Major Depressive Disorder: 0.6-0.9 mEq/L ¹
Nortriptyline	70-170 ng/mL ^{1,2,3}
OLANzapine	20-80 ng/mL ^{1,2,3}
Perphenazine	0.6-2.4 ng/mL ^{1,2}
PHENobarbital	10-40 mcg/mL ^{1,2,3}
Thioridazine	100-200 ng/mL ^{1,2}
Phenytoin	Phenytoin total: 10-20 mcg/mL ^{1,2,3} Phenytoin free: 1-2 mcg/mL ^{1,3}

Drug	Therapeutic Reference Range
Valproic Acid/ Valproate, Divalproex	6 to <18 y/o: max 125 mcg/ml (Lit) ⁴ Valproic Acid Total: 50–100 mcg/mL ^{2,3} <ul style="list-style-type: none"> • Epilepsy: 50-100 mcg/mL^{1,3} • Mania: 50-125 mcg/mL^{1,3} Valproic Acid Free: 5-15 mcg/mL ¹
Zonisamide	10-40 mcg/mL ^{1,2}

Specific Labs may have different reporting ranges based on lab variability and source data. Serum concentrations are useful in the evaluation of therapy. However, they should only be considered as a guide to treatment, not the sole criterion for determination of dosage regimens.

The following anticonvulsants do not have an established therapeutic serum concentration range. Routine monitoring of these anticonvulsants is not warranted as serum concentrations cannot be correlated with clinical efficacy.

Benzodiazepines	cloBAZam RESERVE USE
Gabapentin	Lacosamide
levETIRAcetam	OXcarbazepine
Pregabalin	Rufinamide
tiaGABine	Topiramate
Zonisamide	

Sources:

1. Facts and Comparisons (Formerly Lexicomp) accessed September 2023
2. Consensus Guidelines for Therapeutic Drug Monitoring in Neuropsychopharmacology: Update 2017 (Pharmacopsychiatry 2018; 51:9-62)
3. Micromedex accessed September 2023
4. Psychotropic Medication Utilization Parameters for Children and Youth in Texas Public Behavioral Health: Medication Tables (7th Version) 2023

Reviewed October 2023

Alphabetical Listing

Acamprosate (Campral)

Tablet, delayed release

Acetaminophen (Tylenol)

Capsule, oral

Liquid, oral

Suppository, rectal

Tablet, oral

Tablet, chewable, oral

Acetaminophen-Codeine C-III

Liquid, oral: Acetaminophen 120 mg-Codeine 12 mg per 5 ml (C-V)

Tablet: #2: Acetaminophen 300 mg-Codeine 15 mg

#3: Acetaminophen 300 mg-Codeine 30 mg

#4: Acetaminophen 300 mg-Codeine 60 mg

Acetaminophen-HYDROcodone (Lortab [DSC], Vicodin [DSC], Vicodin ES [DSC]) C-II

Elixir: Acetaminophen 300 mg- HYDROcodone 10 mg per 15 mL

Acetaminophen 325 mg- HYDROcodone 7.5 mg per 15 mL

Acetaminophen 325 mg- HYDROcodone 10 mg per 15 mL

Tablet: Acetaminophen 300 mg- HYDROcodone 5 mg

Acetaminophen 300 mg- HYDROcodone 7.5 mg

Acetaminophen 300 mg- HYDROcodone 10mg

Acetaminophen 325 mg- HYDROcodone 2.5 mg

Acetaminophen 325 mg- HYDROcodone 5 mg

Acetaminophen 325 mg- HYDROcodone 7.5 mg

Acetaminophen 325 mg- HYDROcodone 10 mg

Acetazolamide (Diamox [DSC])

Capsule, sustained release, oral

Tablet, oral

Acetic Acid

Solution, otic

Acetic Acid-Hydrocortisone (VoSol HC)

Solution, otic

Acetylcysteine

Solution, inhalation

Acyclovir (Zovirax)

Capsule, oral

Cream, topical

Injection
Ointment, topical
Suspension, oral
Tablet, oral

Adapalene (Differin)

Cream, topical
Gel, topical

Adenosine (Adenocard)- RESERVE USE

Injection

Albuterol (ProAir Respclick, Proventil, Ventolin)

Aerosol, oral inhalation
Powder, oral inhalation (ProAir Respclick)
Nebulization solution, oral inhalation
Tablet, oral

Albuterol-Ipratropium (Combivent)

Nebulization solution, oral inhalation
Solution, oral inhalation (Combivent Respimat)

Alendronate (Fosamax, Binosto)

Solution, oral
Tablet, oral
Tablet, effervescent, oral

Allopurinol (Zyloprim)

Tablet, oral

ALPRAZOLAM (Xanax, Xanax XR) C-IV

Tablet, oral
Tablet, sustained release, oral

Aluminum Chloride Hexahydrate (Drysol)

Liquid, topical

Aluminum Hydroxide

Suspension/gel, oral

Aluminum Hydroxide-Magnesium Trisilicate (Gaviscon)

Tablet, chewable, oral
Suspension, oral

Aluminum Hydroxide-Magnesium Hydroxide (Maalox)

Suspension, oral

Aluminum Hydroxide-Magnesium Hydroxide-Simethicone (Mylanta)

Suspension, oral

Tablet, oral

Amantadine

Capsule, oral

Syrup, oral

Amikacin

Injection

Amino Acid Injection (Aminosyn)

Infusion

Amino Acid Injection-Dextrose-Electrolytes (Clinimix E)

Infusion

Amiodarone (Pacerone, Cordarone)

Tablet, oral

Amitriptyline (Elavil)

Tablet, oral

amLODIPine (Norvasc)

Tablet, oral

Amoxicillin (Amoxil, Polymox)

Capsule, oral

Powder for suspension, oral

Tablet, oral

Tablet, chewable, oral

Amoxicillin-Clavulanate (Augmentin)

Suspension, oral

Tablet, oral

Tablet, chewable, oral

Tablet, extended release, oral

Amphetamine Mixed Salts (Adderall, Adderall XR) CII

Capsule, extended release, oral

Tablet, oral

Ampicillin (Polycillin, Omnipen)

Capsule, oral

Powder for suspension, oral

Powder for injection

Antineoplastic Agents

In consultation with the oncologist or field specialist

Antiviral Agents

All commercially available antiviral agents used in the treatment of AIDS/HIV are considered to be formulary agents.

Apixaban (Eliquis)

Tablet, oral

ARIPiprazole (Abilify, (Abilify discmelt, Abilify Maintena, Aristada, Aristada Initio)

Injection, extended release (Maintena): 300 mg, 400 mg

Injection, extended release (Aristada): 441 mg, 662 mg, 882 mg, 1,064 mg

Injection, extended release (Aristada Initio): 675 mg **RESERVE USE**

Solution, oral

Tablet, oral

Tablet, rapid dissolving, oral

Ascorbic Acid (Vitamin C)

Solution, oral

Tablet, oral

Tablet, chewable, oral

Asenapine (Saphris)

Tablet, sublingual

Aspirin

Suppository, rectal

Tablet, oral

Tablet, buffered, oral

Tablet, chewable, oral

Tablet, enteric coated, oral

Aspirin-Acetaminophen-Caffeine (Excedrin Migraine)

Tablet, oral

Atenolol (Tenormin)

Tablet, oral

atoMOXetine (Strattera)

Capsule, oral

atorvaSTATin (Lipitor)

Tablet, oral

Atropine Sulfate (Isopto Atropine)

Ointment, ophthalmic

Solution, ophthalmic

Azelastine

Spray, nasal inhalation

Azithromycin (Zithromax)

Powder for solution, oral

Tablet, oral

Bacitracin

Ointment, ophthalmic

Ointment, topical

Bacitracin-Polymyxin B (Polysporin)

Ointment, ophthalmic

Ointment, topical

Baclofen

Tablet, oral

Balanced Salt Solution Ophthalmic Irrigating Solution (BSS, Eye Stream)

Solution, ophthalmic

Beclomethasone, (QVAR Redihaler, Beconase)

Aerosol, oral inhalation

Suspension, nasal inhalation

Benazepril (Lotensin)

Tablet, oral

Benzocaine (Lanacaine, Cepacol, Orajel)

Topical, dermatologic

Cream, topical

Ointment

Spray

Topical, Mouth-Throat preparations:

Gel

Liquid

Lozenge

Benzoin, Compound Tincture

Tincture, topical (may also contain aloe, storax, tolu balsam, 74% to 80% alcohol)

Benzonatate

Capsule, oral

Benzoyl Peroxide

Gel, topical

Liquid, topical

Wash, topical

Benzoyl Peroxide-Clindamycin (BenzaClin)

Gel, topical: Benzoyl Peroxide 5%-Clindamycin 1%

Benztropine (Cogentin)

Injection

Tablet, oral

Betamethasone dipropionate (Diprolene)

Cream, topical

Lotion, topical

Ointment, topical

Betamethasone dipropionate, augmented (Diprolene A/F)- RESERVE USE

Cream, topical

Gel, topical

Lotion, topical

Ointment, topical

Betamethasone Valerate (Valisone)

Cream, topical

Lotion, topical

Ointment, topical

Betaxolol (Betoptic S)

Solution, ophthalmic

Suspension, ophthalmic

Bethanechol (Urecholine [DSC])

Tablet, oral

Bimatoprost (Lumigan)

Solution, ophthalmic

Bisacodyl (Dulcolax)

Suppository, rectal

Tablet, enteric coated, oral

Bismuth Subsalicylate (Pepto-Bismol, Bismatrol, Kaopectate)

Liquid, oral

Tablet, chewable, oral

Brexpiprazole (Rexulti)

Tablet, oral

Brimonidine (Alphagan P)

Solution, ophthalmic

Bromocriptine

Capsule, oral

Tablet, oral

Brompheniramine-Phenylephrine (Dimetapp Children's Cold and Allergy)

Liquid, oral

Brompheniramine-Pseudoephedrine, Rynex PSE)

Liquid, oral

Budesonide (Pulmicort)

Nebulization suspension, oral inhalation

Powder, oral inhalation

Budesonide-Formoterol (Symbicort)

Aerosol, oral inhalation

Buprenorphine (Subutex [DSC])

Tablet, sublingual

Buprenorphine-naloxone (Suboxone)

Film, sublingual

Tablet, sublingual

buPROPIon (Budeprion, Wellbutrin, Zyban)

Tablet, oral

Tablet, sustained release, oral

Tablet, extended release, oral

busPIRone (BuSpar [DSC])

Tablet, oral

Calamine-Zinc Oxide-Glycerin (Calamine Lotion)

Lotion, topical

Calamine-Pramoxine (Caladryl)

Lotion, topical

Calcipotriene (Dovonex)

Cream, topical

Ointment, topical

Solution, topical

Calcium Carbonate (Os-Cal, Tums) [40% elemental calcium]

Suspension, oral

Tablet, oral

Tablet, oral, chewable

Calcium Carbonate-Vitamin D3 (Os-Cal + D, Os-Cal chewable)

Tablet, oral

Tablet, chewable, oral

Calcium Citrate (Citracal) [20% elemental calcium]

Tablet, oral

Calcium Citrate-Vitamin D3 (Citracal-D)

Tablet, oral

Camphor-Phenol (Campho-Phenique)

Liquid, topical: Camphor 10.8%-Phenol 4.7% [with eucalyptus oil and mineral oil]

Canagliflozin (Invokana)

Tablet, oral

Cannabidiol (Epidiolex) C-V RESERVE USE

Solution, oral

Captopril (Capoten [DSC])

Table, oral

carBAMazepine (TEGretol, TEGretol XR, Carbatrol, Equetro)

Capsule, extended release 12 h, oral

Suspension, oral

Tablet, oral

Tablet, chewable, oral

Tablet, extended release 12 hr, oral

Carbamide Peroxide (Debrox, Gly-Oxide)

Solution, mouth/throat mucous membrane

Solution, otic

Carbidopa-Levodopa (Sinemet)

Tablet, oral:

Tablet, Sustained release, oral

Carboxymethylcellulose

Liquigel, ophthalmic

Cariprazine (Vraylar)

Capsule, oral

Carvedilol (Coreg, Coreg CR)

Tablet, oral

Capsule, extended release 24 hr, oral

ceFAZolin (Kefzol)

Injection

Cefdinir (Omnicef)

Capsule, oral

Powder for suspension, oral

Cefepime (Maxipime)

Injection

cefTRIAXone (Rocephin)

Solution premixed in dextrose for injection

Powder for injection

Cefuroxime Axetil (Ceftin) - Oral form only -

Tablet, oral

Celecoxib (CeleBREX)

Capsule, oral

Cellulose (Unifiber)

Powder, oral

Cephalexin (Keflex)

Capsule, oral

Powder for suspension, oral

Tablet, oral

Cetirizine (ZyrTEC)

Syrup, oral

Tablet, oral

Cetirizine-Pseudoephedrine (ZyrTEC D)

Tablet, 12hr, oral

chlordiazepoxide (Librium) - oral form only - C-IV

Capsule, oral

Chlorhexidine (Peridex)

Liquid, topical, with 4% isopropyl alcohol

Rinse, oral, with 12% alcohol

Chlorpheniramine

Syrup, oral

Tablet, oral

Tablet, timed release, oral

chlorpromazine (Thorazine [DSC])

Injection

Tablet, oral

Chlorthalidone

Tablet, oral

Cholestyramine

Product may contain phenylalanine

Powder, oral

Powder for oral suspension light (aspartame)

Ciclopirox (Loprox, Penlac)

Cream, topical

Shampoo, topical

Solution, topical

Ciprofloxacin (Cipro, Ciloxan)

Injection

Ointment, ophthalmic

Solution, ophthalmic

Suspension, oral

Table, oral

Ciprofloxacin-Dexamethasone (CiproDex)

Suspension, otic

Ciprofloxacin-Hydrocortisone (Cipro Otic)

Solution, otic

Citalopram (Celexa)

Solution, oral

Tablet, oral

Clarithromycin (Biaxin)

Granules for suspension, oral

Tablet, film coated, oral

Clindamycin (Cleocin, Cleocin T)

Capsule, oral

Gel, topical

Granules for solution, oral

Injection

Lotion, topical

Solution, topical

cloBAZam (Onfi) C-IV RESERVE USE

Suspension, oral

Tablet, oral

Clobetasol (Temovate, Cormax, Clobex)- RESERVE USE

Cream, topical

Cream, topical, in emollient base

Gel, topical

Lotion, topical

Ointment, topical

Solution, topical scalp application

clomiPRAMINE (Anafranil)

Capsule, oral

clonazePAM (KlonoPIN) C-IV

Tablet, oral

Tablet, oral disintegrating, oral

cloNIDine (Catapres [DSC], Kapvay)

Patch, weekly transdermal

Tablet, oral

Tablet, extended release, oral

Clopidogrel (Plavix)

Tablet, oral

Clorazepate (Tranxene) C-IV

Tablet, oral

Clotrimazole (Lotrimin, Gyne-Lotrimin)

Cream, topical

Cream, vaginal

Solution, topical
Troche, oral

Clotrimazole-Betamethasone dipropionate (Lotrisone)

Cream, topical

cloZAPine (Clozaril, Fazaclo, Versacloz)- RESERVE USE

Suspension, oral
Tablet, oral
Tablet, oral disintegrating, oral

Coal Tar

Shampoo, topical
Solution, topical

Cod Liver Oil-Zinc Oxide-Talc (Desitin)

Ointment, topical: Zinc Oxide 40% [with Cod Liver Oil, Talc, Petrolatum, Lanolin, and Methylparaben]

Colchicine

Tablet, oral

Collagenase (Santyl)

Ointment, topical

Oral Contraceptives

All commercially available oral contraceptive agents are considered to be formulary agents

Cromolyn

Solution, ophthalmic

Cyanocobalamin (Vitamin B12)

Injection
Tablet, oral
Tablet, sublingual

Cyclobenzaprine

Tablet, oral

Cyproheptadine (Periactin)

Syrup, oral
Tablet, oral

Dantrolene (Dantrium)

Capsule, oral
Powder for injection

Dapsone

Tablet, oral

Darifenacin (Enablex [DSC])

Tablet, extended release 24 hour, oral

Denosumab (Prolia)

Injection

Desipramine (Norpramin)

Tablet, oral

Desmopressin (DDAVP, Stimate)

Injection

Solution, nasal inhalation

Tablet, oral

Desonide (Desowen, Tridesilon)

Cream, topical

Lotion, topical

Ointment, topical

Deutetrabenazine (Austedo) RESERVE USE

Tablet, oral

Dexamethasone

Injection, as sodium phosphate

Solution, oral

Suspension, ophthalmic **RESERVE USE**

Tablet, oral

Dexmedetomidine (Igalmi) RESERVE USE

Film, sublingual

Dexmethylphenidate extended release (Focalin XR) CII

Capsule, oral, extended release

Dextroamphetamine (Dexedrine [DSC], Dexedrine Spansule, Zenzedi) C-II

Capsule, sustained release 24 hr, oral

Tablet, oral

Dextromethorphan

Any combination of drugs with dextromethorphan are on Formulary as long as the individual ingredients are on the Formulary and the dosage form is listed as being on formulary.

Capsule, oral

Liquid, oral

Liquid, sustained release, oral
Lozenge, oral

Dextrose 5%-Sodium Chloride Intravenous Solution

Infusion

Dextrose 5%-Sodium Chloride-Potassium Chloride Intravenous Solution

Infusion

Dextrose 5% in Water

Infusion

Dextrose 5% in Ringer's Lactate

Infusion

Dextrose 50% in Water

Infusion

Syringe

Vials

Diaper Rash Ointment

Diaper Rash Powder (Mexsana)

Powder, topical: contains kaolin, eucalyptus oil, camphor, corn starch, lemon oil, zinc oxide

diazepam (Valium, Diastat) C-IV

Gel, rectal

Injection

Solution, oral

Tablet, oral

Diclofenac Gel (Voltaren Gel)

Gel, topical

Dicyclomine (Bentyl)

Capsule, oral

Injection

Syrup, oral

Tablet, oral

Digoxin (Lanoxin)

Elixir, oral

Injection

Tablet, oral

diltiazem (Cardizem)

Capsule, extended release 12 hr:

Generic: 60 mg, 90 mg, 120 mg
Capsule, extended release 24 hr:
Generic: 120 mg, 180 mg, 240 mg, 300 mg, 360 mg, 420 mg
Cardizem CD: 120 mg, 180 mg, 240 mg, 300 mg, 360 mg
Tiazac: 120 mg, 180 mg, 240 mg, 300 mg, 360 mg, 420 mg
Diltiazem CD: 120 mg, 180 mg, 240 mg

Tablet:
Generic: 30 mg, 60 mg, 90 mg, 120 mg
Cardizem: 30 mg, 60 mg, 120 mg
Tablet, sustained release 24 hr:
Generic: 180 mg, 240 mg, 300 mg, 360 mg, 420 mg
Cardizem LA 24 hr: 120 mg, 180 mg, 240 mg, 300 mg, 360 mg, 420 mg

diphenhydrAMINE (Benadryl)

Capsule, oral
Cream, topical
Injection
Liquid, oral
Tablet, oral

Diphtheria-Tetanus Toxoids Adsorbed (DT)

Injection, single dose

Diphtheria-Tetanus Toxoids Adsorbed for Adult Use (Td)

Injection, single dose

Diphtheria-Tetanus-Acellular Pertussis (Tdap, Boostrix, Adacel)

Injection, single dose

Disulfiram (Antabuse [DSC])

Tablet, oral

Divalproex (Depakote, Depakote ER)

Capsule, delayed release sprinkles, oral
Tablet, delayed release, oral
Tablet, extended release 24 hr, oral

Docusate Calcium (Surfak)

Capsule, oral

Docusate Sodium (Colace)

Capsule, oral
Liquid, oral

Docusate Sodium-Sennosides (Peri-Colace)

Tablet, oral

Donepezil (Aricept)

Tablet, oral

Tablet, oral disintegrating

DOPamine (Intropin [DSC])- RESERVE USE

Infusion in D5W

Injection

Doxepin (SINEquan)

Capsule, oral

Concentrate, oral

Doxycycline (Vibramycin)

Capsule, oral

Powder for suspension, oral

Tablet, oral

DULoxetine (Cymbalta)

Capsule, delayed release, oral

Emollient Gel

Gel, topical

Emollient Lotion-Cream (Lubriderm, Keri Lotion, Cetaphil, Eucerin, Nutraderm)

Cream, topical

Lotion, topical

Emollient Ointment (Lanolin, Aquaphor)

Ointment, topical

Empagliflozin (Jardiance)

Tablet, oral

Enalapril (Vasotec)

Tablet, oral

Enoxaparin (Lovenox)

Injection

Entacapone (Comtan)

Tablet, oral

EPINEPHrine (Adrenalin, EpiPen)

Auto-injector

Injection

Epoetin alfa (Epogen, Procrit)- RESERVE USE

Injection

Ergocalciferol (Calciferol, Drisdol)

See Vitamin D₂

Erythromycin

Erythromycin base (Eryc, Erythrocin):

Capsule, delayed release, oral

Tablet, film coated, oral

Erythromycin Ethylsuccinate (EryPed, E.E.S.):

Granules/Powder for oral suspension

Suspension, oral

Tablet, oral

Ointment, ophthalmic

Erythromycin-Benzoyl Peroxide (Benzamycin)

Gel, topical: Erythromycin 3%-Benzoyl Peroxide 5% (with 20% alcohol)

Escitalopram (Lexapro)

Solution, oral

Tablet, oral

Esketamine (Spravato) C-III RESERVE USE

Spray, nasal

Esomeprazole (NexIUM)

Capsule, oral

Suspension packet, oral

Estradiol (Estrace, Estraderm [DSC], Vivelle, Alora, Climara, Vagifem)

Cream, vaginal

Systems, transdermal

Tablet, oral

Tablet, vaginal

Estrogen-medroxyPROGESTERone (PremPro, Premphase)

Tablet, oral

Estrogens, Conjugated (Premarin)

Cream, vaginal

Injection

Tablet, oral

Eszopiclone (Lunesta)

Tablet, oral

Ethambutol (Myambutol)

Tablet, oral

Ethionamide (Trecator)

Tablet, sugar coated, oral

Ethosuximide (Zarontin)

Capsule, oral

Syrup, oral

Ethyl Chloride

Spray, topical

Ezetimibe (Zetia)

Tablet, oral

Famotidine (Pepcid)

Injection

Powder for oral suspension

Tablet, oral

Felbamate (Felbatol)- RESERVE USE

Suspension, oral

Tablet, oral

Fenofibrate (Antara, Lofibra, Tricor, Triglide)

Capsule, oral

Capsule, micronized, oral

Tablet, oral

Tablet, nanocrystallized, oral

fentaNYL (Duragesic) C-II

Patch, transdermal

Ferrous Fumarate-Docusate Sodium (Ferro-Sequels)[contains 33% elemental iron]

Tablet, timed released, oral

Ferrous Sulfate (Feosol, Fer-In-Sol) [contains 20% elemental iron]

Elixir with 5% alcohol, oral

Tablet, oral

Tablet, extended release, oral

Fexofenadine (Allegra)

Tablet, oral

Fexofenadine - Pseudoephedrine (Allegra-D)

Tablet, extended release 12 hour, oral

Tablet, extended release 24 hour, oral

Finasteride (Proscar)

Tablet, oral

Fish Oil

Capsule, oral

Fluconazole (Diflucan)

Suspension, oral

Tablet, oral

Fludrocortisone

Tablet, oral

Fluocinolone (Capex, Derma-Smooth/FS, Synalar)

Cream, topical

Oil, topical

Ointment, topical

Shampoo

Solution, topical

Fluocinonide

Cream, topical

Gel, topical

Ointment, topical

Solution, topical

Fluorescein Sodium(Bio Glo, FUL-GLO)

Strip, ophthalmic

Fluorescein-benoxinate (Altafluor Benox)

Solution, ophthalmic: fluorescein sodium 0.25% and benoxinate hydrochloride 0.4%

Fluoride(PerioMed)

Solution, oral

Tablet, chewable, oral

FLUoxetine (PROzac)

Capsule, oral

Liquid, oral

Tablet, oral

fluPHENAZine (Prolixin)

Concentrate, oral, 14% alcohol

Elixir, oral, with 14% alcohol

Injection, as decanoate

Injection, as hydrochloride

Tablet, oral

Fluticasone (Flonase, Flovent)

Aerosol, oral inhalation

Solution, nasal inhalation

Powder, oral inhalation diskus

Fluticasone-Salmeterol (Advair)

Aerosol, oral inhalation

Powder, oral inhalation

fluvoxaMINE (Luvox)

Tablet, oral

Folic Acid (Vitamin B₉, Folate, Folvite)

Tablet, oral

Fondaparinux (Arixtra)

Injection

Fosfomycin (Monurol)

Sachet, oral

Fosphenytoin (Cerebyx)

Injection

Furosemide (Lasix)

Injection

Solution, oral

Tablet, oral

Gabapentin (Neurontin)

Capsule, oral

Solution, oral

Tablet, oral

Galantamine (Razadyne)

Capsule, 24hr, oral

Solution, oral

Tablet, film coated, oral

Gentamicin

Cream, topical

Infusion, premixed in NS

Injection
Ointment, ophthalmic
Ointment, topical
Solution, ophthalmic

glipiZIDE (Glucotrol)

Tablet, oral
Tablet, extended release, oral

Glucosamine

Capsule, oral
Tablet, oral

Glucagon

Powder for injection

Glucose

Gel, oral
Tablet, oral

Glycerin (Sani-Supp)

Suppository, rectal

Glycopyrrolate (Robinul)

Tablet, oral

Griseofulvin (Fulvicin, Grifulvin V, Gris-Peg)

Suspension, Microsize, oral
Tablet, Microsize, oral
Tablet, Ultramicrosize, oral

guaiFENesin (Robitussin, Mucinex)

Any combination of drugs with guaiFENesin are on Formulary as long as the individual ingredients are on the Formulary and the dosage form is listed as being on formulary

Liquid, oral
Tablet, oral
Tablet, sustained release, oral

guaiFENesin-Codeine C-V

Syrup, oral

guaiFENesin-Dextromethorphan

Liquid, oral
Tablet, sustained release

guaiFENesin-Pseudoephedrine (Mucinex D)

Tablet, oral

guanFACINE (Tenex [DSC], Intuniv)

Tablet, oral

Tablet, extended release 24 hr, oral

Haloperidol (Haldol)

Concentrate, oral

Injection, as decanoate

Injection, as lactate

Tablet, oral

Heparin

Injection

Hepatitis A Vaccine (Vaqta, Havrix)

Injection, single dose

Hepatitis A-Hepatitis B Vaccine (Twinrix)

Injection, single dose

Hepatitis B Immune Globulin (HBIG)

Injection, single dose

Hepatitis B Virus Vaccine, Recombinant (Recombivax HB, Engerix-B, Heplisav-B)

Injection

Homatropine

Solution, ophthalmic

hydrALAZINE

Tablet, oral

hydroCHLORothiazide

Capsule, oral

Tablet, oral

Hydrocortisone (Cortef, Lanacort, Corticaine, Anusol-HC, Proctofoam-HC)

Injection, as sodium succinate

Cream, topical

Lotion, topical

Ointment, topical

Cream, rectal

Foam, rectal

Suppositories, rectal

Tablet, oral

Hydrogen Peroxide

Solution, topical

hydrOXYzine (Atarax [DSC], Vistaril)

Capsule, oral

Injection, as hydrochloride

Syrup, as hydrochloride, oral

Tablet, oral

Ibandronate (Boniva [DSC])

Tablet, oral

Injection

Ibuprofen (Motrin)

Capsule, oral

Suspension, oral

Tablet, oral

Tablet, chewable, oral

Iloperidone (Fanapt)- RESERVE USE

Tablet, oral

Imipramine (Tofranil)

Tablet, oral

Influenza Virus Vaccine

Injection, single dose

Insulin, Aspart (NovoLOG)

Injection: 100 units/mL

Insulin, Combination (70/30)

Injection: 100 units/mL

Insulin, Detemir (Levemir)

Injection: 100 units/mL

Insulin, Glargine (Lantus)

Injection: 100 units/mL

Insulin, Lispro (HumaLOG)

Injection: 100 units/mL

Insulin, Lispro protamine suspension-insulin lispro, (HumaLOG Mix 75/25), HumaLOG Mix 50/50

Injection: 100 units/mL

Insulin, NPH

Injection: 100 units/mL

Insulin, Regular (HumuLIN, NovoLIN)

Injection: 100 units/mL

Ipratropium (Atrovent)

Aerosol, oral inhalation

Nebulization solution, oral inhalation

Solution, nasal inhalation

Iron salts with or without vitamins and/or other minerals (Hemocyte Plus, Niferex-150, Niferex-150 Forte)

Capsule, oral

Solution, oral

Tablet, oral

Tablet, enteric coated, oral

Isoniazid (INH)

Syrup, oral

Tablet, oral

Isosorbide Dinitrate (Isordil)

Capsule, sustained release, oral

Tablet, oral

Tablet, sustained release, oral

Isosorbide Mononitrate

Tablet, oral

Tablet, extended release, oral

Ivermectin (Stromectol)

Tablet, oral

Ketamine (Ketalar) C-III RESERVE USE

Intravenous

Ketoconazole (Nizoral)

Cream, topical

Shampoo, topical

Tablet, oral

Ketorolac (Toradol [DSC])

Injection

Tablet, oral

Ketotifen (Zaditor)

Solution, ophthalmic

Labetalol (Normodyne [DSC])

Tablet, oral

Lacosamide (Vimpat) C-V

Solution, oral

Solution, intravenous

Tablet, oral

Lactobacillus Acidophilus (Lactinex, Bacid, Florajen)

Capsule, oral

Granules, oral

Tablet, chewable, oral

Lactulose (Enulose)

Syrup, oral

IamoTRIgine (LaMICtal)

Tablet, oral

Tablet, chewable, oral

Tablet, dispersible, oral

Lansoprazole (Prevacid)

Capsule, enteric coated granules, oral

Latanoprost (Xalatan)

Solution, ophthalmic

Levalbuterol (Xopenex)

Aerosol, oral inhalation

Nebulization Solution, oral inhalation

Levarterenol (Levophed) or Norepinephrine -RESERVE USE

Injection

levETIRAcetam (Keppra)

Solution, oral

Tablet, oral

Levocarnitine (Carnitor)

Tablet, oral
Solution, oral

LevoFLOXacin (Levaquin)

Injection
Solution, oral
Tablet, oral

Levothyroxine (Synthroid, Levoxyl)

Powder for injection
Tablet, oral

Lidocaine (Lidoderm, Xylocaine)

Injection
Gel, topical
Liquid, viscous, oral
Ointment, topical
Patch, topical
Solution, topical

Lidocaine-Prilocaine (EMLA)

Cream, topical

Linezolid (Zyvox)- RESERVE USE

Suspension, oral
Tablet, oral

Linaclotide (Linzess)- RESERVE USE

Capsule, oral

Liraglutide (Victoza)

Injection

Lisdexamfetamine (Vyvanse) C-II- RESERVE USE

Capsule, oral

Lisinopril (Prinivil [DSC], Zestril)

Tablet, oral

Lithium Carbonate (Eskalith, Lithobid)

Capsule, oral
Tablet, oral
Tablet, controlled release, oral
Tablet, slow release, oral

Lithium Citrate

Syrup, oral

Loperamide (Imodium)

Capsule, oral
Liquid, oral
Tablet, oral

Loratadine (Claritin)

Liquid, oral
Tablet, oral

Loratadine-Pseudoephedrine (Claritin D)

Tablet, 12 hour sustained release, oral
Tablet, 24 hour sustained release, oral

LORazepam (Ativan) C-IV

Injection
Solution, oral
Tablet, oral

Losartan (Cozaar)

Tablet, oral

Loxapine (Loxitane [DSC])

Capsule, oral

Lubiprostone (Amitiza)

Capsule, oral

Lumateperone (Caplyta)

Capsule, oral

Lurasidone (Latuda)

Tablet, oral

Magnesium Citrate

Solution, oral

Magnesium Hydroxide (Milk of Magnesia)

Suspension, oral
Tablet, chewable

Magnesium L-lactate dihydrate (Mag-Tab SR)

Tablet, oral

Magnesium Sulfate (Epsom Salt)

Granules, topical
Injection

Infusion, premixed

Measles-Mumps-Rubella Virus Vaccine, Live (MMR II)

Injection, single dose

Meclizine (Antivert, Bonine)

Tablet, oral

medroxyPROGESTERone (Provera)

Injection

Tablet, oral

Megestrol (Megace, Megace ES)

Suspension, oral

Tablet, oral

Melatonin

Capsule, oral

Tablet, oral

Tablet, sublingual

Tablet, sustained release, oral

Meloxicam (Mobic)

Tablet, oral

Memantine (Namenda)

Tablet, oral

Menthol

Menthol-Methyl Salicylate (Ben-Gay)

Cream, topical

Ointment, topical

Menthol-Zinc Oxide (Calmoseptine, Risamine)

Ointment, topical

Meropenem (Merrem) - RESERVE USE

Solution premixed in NS for injection

Powder for injection

Mesalamine (Asacol HD, Pentasa, Rowasa, Canasa)

Capsule, controlled release, oral

Suppository, rectal

Suspension, rectal enema

Tablet, delayed release, oral

metFORMIN (Glucophage, Glucophage XR)

Tablet, oral

Tablet, extended release, oral

Solution, oral

Methadone (Dolophine [DSC]) C-II - RESERVE USE

Solution, oral

Tablet, oral

Tablet for oral suspension

methIMAzole (Tapazole)

Tablet, oral

Methocarbamol (Robaxin)

Tablet, oral

Methylcellulose (Citrucel)

Powder, oral

Methyldopa

Injection

Tablet, oral

Methylphenidate immediate release (Ritalin, Metadate [DSC]) C-II

Tablet, oral

Methylphenidate extended release (Ritalin XR [DSC], Concerta, Metadate CD) C-II

Capsule, extended release, oral (Metadate CD)

Tablet, extended release, oral (Concerta)

Tablet, extended release, oral (Ritalin XR)

methylPREDNISolone (Medrol, DEPO-Medrol, SOLU-Medrol)

Injection, as acetate

Injection, as sodium succinate

Tablet, oral

Metoclopramide (Reglan)

Injection

Liquid, oral

Tablet, oral

Metoprolol (Lopressor, Toprol XL)

Tablet, oral

Tablet, extended release, oral

metroNIDAZOLE (Flagyl, Noritate, MetroGel)

Capsule, oral
Cream, topical
Gel, topical
Gel, vaginal
Injection
Tablet, oral

Miconazole

Cream, topical
Cream, vaginal
Spray, topical
Suppository, vaginal

Midazolam (Versed, Nayzilam) C-IV

Injection
Spray, nasal
Syrup, oral

Mineral Oil - for topical use only**Mineral Oil-Petrolatum (Akwa Tears, Refresh Lacrilube)**

Ointment, ophthalmic

Minocycline

Capsule, oral

Mirabegron (Myrbetriq)- RESERVE USE

Tablet, extended release 24 hr, oral

Mirtazapine (Remeron, Remeron SolTab)

Tablet, oral
Tablet, rapid dissolving, oral

miSOPROStol (Cytotec)

Tablet, oral

Mometasone (Nasonex)

Inhalation, nasal

Montelukast (Singulair)

Tablet, chewable, oral
Tablet, oral

Morphine C-II

Injection

Solution, oral
Suppository, rectal
Tablet, controlled release, oral

Moxifloxacin (Avelox, Moxeza, Vigamox)

Solution, Ophthalmic: **RESERVE USE**
Tablet, oral

Multivitamin (Unicap, Hexavitamins)

Liquid, oral
Tablet, oral
Tablet, chewable, oral

Multivitamin-Minerals

Liquid, oral
Tablet, oral
Tablet, chewable, oral

Multivitamins, Pediatric (Poly-Vi-Sol)

Liquid, oral

Multivitamin, Prenatal (Filibon)

Tablet, oral

Mupirocin (Bactroban)

Cream, topical
Ointment, intranasal
Ointment, topical

Nabumetone (Relafen)- RESERVE USE

Tablet, oral

Nafcillin

Powder for injection

Naloxone (Narcan)

Injection
Solution, nasal **RESERVE USE**

Naltrexone (ReVia [DSC]), Naltrexone microspheres (Vivitrol)

Tablet, oral- **RESERVE USE**
Injection, long-acting - **RESERVE USE**

Naphazoline

Solution, ophthalmic

Naproxen (Naprosyn)

Tablet, oral

Tablet, delayed release, oral

Neomycin

Tablet, oral

Neomycin-Polymyxin B-Bacitracin (Triple Antibiotic Ointment)

Ointment, topical

Neomycin-Polymyxin B-Hydrocortisone (Cortisporin)

Cream, topical

Solution, otic

Suspension, otic

Niacin (Vitamin B₃)

Capsule, oral

Capsule, sustained release, oral

Capsule, timed release, oral

Tablet, oral

Tablet, extended release, oral

Nicotine (Nicoderm, Nicorette)

Patch, transdermal:

Gum, chewing, as polacrilex

Lozenge, oral

NIFEdipine (Procardia, Procardia XL)

Capsule, liquid-filled, oral

Tablet, sustained release, oral

Nitrofurantoin (Macrodantin)

Capsule, macrocrystal, oral

Capsule, macrocrystal/monohydrate, oral

Suspension, oral

Nitroglycerin

Capsule, sustained release, oral

Ointment, topical

Patch 24 hour, transdermal

Spray, translingual

Tablet, sublingual

Non-Soap Cleanser (Cetaphil)

Bar

Cleansing lotion

Norepinephrine or Levarterenol (Levophed)- RESERVE USE

Injection

Nortriptyline (Pamelor)

Capsule, oral

Solution, oral

Nystatin (Mycostatin)

Cream, topical

Ointment, topical

Powder, topical

Suspension, oral

Tablet, oral

OLANZapine (ZyPREXA, ZyPREXA Zydis, ZyPREXA Relprevv)

Injection

Injection as pamoate- RESERVE USE

Tablet, oral

Tablet, rapid dissolving, oral

Olmesartan (Benicar)- RESERVE USE

Tablet, oral

Olopatadine (Patanol)

Solution, ophthalmic

Omega-3-acid ethyl esters (Lovaza)

Capsule, oral

Omeprazole (PriLOSEC)

Capsule, delayed release, oral

Suspension, oral

Tablet, oral

Ondansetron (Zofran, Zofran ODT)

Injection

Tablet, oral

Tablet, oral disintegrating

Oseltamivir (Tamiflu)

Capsule, oral

Suspension, oral

Oxazepam (Serax) C-IV

Capsule, oral

OXcarbazepine (Trileptal)

Suspension, oral

Tablet, oral

Oxybenzone-PDO-Pet Hy-Phi (Vaseline Lip Therapy)

Ointment, topical

Oxybutynin (Ditropan XL)

Syrup, oral

Tablet, oral

Tablet, extended release, oral

oxyCODONE (OxyCONTIN) C-II

Tablet, oral

Tablet, controlled release, oral

Oxymetazoline (Afrin)

Solution, drops, nasal inhalation

Solution, spray, nasal inhalation

Paliperidone (Invega, Invega Sustenna, Invega Trinza)

Tablet, extended release, oral

Injection, long acting (Sustenna): 39 mg, 78 mg, 117 mg, 156 mg, 234 mg

Injection, long acting (Trinza): 273 mg, 410 mg, 546 mg, 819 mg **RESERVE USE**

Pancrelipase (Pancreaze, Creon)

Capsule, oral: contains lipase, protease and amylase

Pantoprazole (Protonix)

Injection

Suspension Packets, oral

Tablet, oral

PARoxetine (Paxil)

Suspension, oral

Tablet, oral

Tablet, extended release 24 hr, oral

penicillin G Benzathine (Bicillin LA)

Injection

penicillin V Potassium (Pen-Vee K, V-Cillin K)

Powder for solution, oral

Tablet, oral

Pentamidine (Pentam)- RESERVE USE

Inhalation

Powder for injection

Permethrin (Elimite, NIX)

Cream, topical

Lotion, topical

Cream rinse, topical

Perphenazine (Trilafon [DSC])

Tablet, oral

Petrolatum, White (Vaseline)

Ointment, topical

Phenazopyridine (Pyridium)

Tablet, oral

Phenelzine (Nardil)

Tablet, oral

PHENobarbital (Luminal [DSC]) C-IV

Injection

Solution, oral

Tablet, oral

Phenol (Chloraseptic)

Mouthwash/Gargle

Throat Spray

Phenylephrine (Neo-Synephrine, Preparation H)

Ointment, rectal

Cream, rectal

Suppository, rectal

Solution, drops, nasal inhalation

Solution, spray, nasal inhalation

Solution, ophthalmic

Phenytoin (Dilantin)

Capsule, extended release, oral

Injection

Suspension, oral

Tablet, chewable, oral

Phytonadione (Vitamin K1, Mephyton)

Tablet, oral

Pilocarpine (Isoto Carpine)

Solution, ophthalmic, as hydrochloride

Pimecrolimus (Elidel)

Cream, topical

Pioglitazone (Actos)

Tablet, oral

Piperacillin-Tazobactam (Zosyn)

Injection

Pneumococcal Vaccine, Conjugate (Prevnar 13, Prevnar 20)

Injection, single dose

Pneumococcal Vaccine, Polysaccharide (Pneumovax 23)

Injection, single dose

Podophyllum Resin (Podocon-25)

Liquid, topical

Polycarbophil (Fibercon, Fiber-Lax)

Tablet, oral

Polyethylene Glycol (MiraLax)

Powder for oral solution

Polyethylene Glycol Electrolyte Solution (PEG, Co-Lyte, GoLYTELY)

Powder for oral solution

Polymyxin B-Bacitracin (Polysporin)

Ointment, ophthalmic

Ointment, topical

Powder, topical

Polymyxin B-Trimethoprim (Polytrim)

Solution, ophthalmic

Polyvinyl Alcohol (Artificial Tears, Akwa Tears)

Solution, ophthalmic

Potassium Chloride

Capsule, sustained release, oral

Liquid, oral

Powder for suspension, oral

Tablet, controlled release (microencapsulated)
Tablet, controlled release (wax matrix)

Potassium Citrate (Urocit K)

Tablet, oral
Tablet, extended release, oral

Potassium Citrate Combinations

Solution, oral: containing Sodium Citrate-Potassium Citrate-Citric Acid
Solution, oral: containing Sodium Citrate-Potassium Citrate

Potassium Iodide (SSKI)

Solution, oral

Potassium Phosphate (Neutra-Phos-K)

Powder for oral solution

Povidone-Iodine (Betadine)

Ointment, topical
Surgical scrub, topical
Solution, topical

Pramipexole (Mirapex)

Tablet, oral

Pramoxine

Cream, topical
Foam, topical
Gel, topical
Lotion, topical
Spray, topical

Pramoxine-Hydrocortisone (Analpram HC)

Cream, Rectal

Pramoxine-Zinc (Caladryl Clear)

Lotion, topical

Pravastatin (Pravachol)

Tablet, oral

Prazosin (Minipress)

Capsule, oral

prednisoLONE (Pred Mild, Pred Forte)

Solution, oral

Syrup, oral
Tablet, oral
Solution, ophthalmic **RESERVE USE**

predniSOne (Deltasone)

Solution, oral
Tablet, oral

Pregabalin (Lyrica) C-V

Capsule, oral

Primidone (Mysoline)

Tablet, oral

Prochlorperazine (Compazine)

Injection
Suppository, rectal
Tablet, oral

Promethazine (Phenergan)

Suppository, rectal
Syrup, oral
Tablet, oral

Proparacaine (Alcaine)

Solution, ophthalmic

Propranolol (Inderal)

Capsule, sustained release, oral
Injection
Solution, oral
Tablet, oral

Propylthiouracil

Tablet, oral

Pseudoephedrine (Sudafed)

Liquid, oral
Tablet, immediate release, oral
Tablet, extended release, oral

Psyllium (Konsyl, Metamucil)

All products of psyllium, psyllium husk, and psyllium seed, alone or in combination with dextrose, aspartame, sugar or sucrose are considered to be formulary.

Pyrazinamide

Tablet, oral

Pyrethrins 0.33%-Piperonyl Butoxide 4% (Pronto, RID)

Liquid, topical

Shampoo, topical

Pyridoxine (Vitamin B6)

Injection

Tablet, oral

QUEtiapine (SEROquel)

Tablet, oral

Raloxifene (Evista)

Tablet, oral

raNITIdine

Injection

Syrup, oral

Tablet, oral

Rasagiline (Azilect)

Tablet, oral

Repaglinide (Prandin [DSC])

Tablet, oral

Rifabutin (Mycobutin)

Capsule, oral

rifAMPin (Rifadin)

Capsule, oral

Injection

Risedronate (Actonel)

Tablet, oral

risperiDONE (RisperDAL, RisperDAL M-Tab, RisperDAL Consta)

Injection, long acting

Solution, oral

Tablet, oral

Tablet, orally disintegrating

Rivaroxaban (Xarelto)

Tablet, oral

Rivastigmine (Exelon, Exelon Patches)

Capsule, oral

Patch, transdermal

Rosuvastatin (Crestor)

Tablet, oral

Rufinamide (Banzel)

Tablet, oral

Saccharomyces boulardii (Florastor)

Capsule, oral

Salicylic Acid

All available salicylic acid products as a single agent are considered to be on formulary

Salicylic Acid-Sulfur

All commercially available forms are on formulary

Saliva Substitute (Biotene)

Gel

Mouthwash

Spray

Salmeterol (Serevent)

Powder, oral inhalation

Selegiline (Eldepryl [DSC])

Capsule, oral

Tablet, oral

Selenium Sulfide

Shampoo, topical

Semaglutide (Ozempic, Rybelsus)

Injection

Tablet, oral

Senna (Senokot)

Tablet, oral

Sertraline (Zoloft)

Concentrate, oral

Tablet, oral

Sevelamer (Renagel)

Tablet, oral

Silver Nitrate

Applicator sticks, topical

Silver SulfADIAZINE (Silvadene)

Cream, topical

Simethicone (Gas-X, Phazyme)

Drops, oral

Tablet, chewable, oral

Simvastatin (Zocor)

Tablet, oral

SITagliptin (Januvia)

Tablet, oral

Sodium Bicarbonate

Tablet, oral

Sodium Chloride

Drops, nasal

Infusion

Injection, bacteriostatic

Injection, for admixtures

Injection, for reconstitution

Nebulization solution, oral inhalation

Ointment, ophthalmic

Solution, irrigation, topical

Solution, nasal inhalation

Solution, ophthalmic

Tablet, oral

Tablet, enteric coated, oral

Tablet, slow release, oral

Sodium Chloride Intravenous Solution

Infusion

Sodium Citrate-Citric Acid (Oracit)

Solution, oral

Sodium Polystyrene Sulfonate

Powder for suspension, oral

Suspension, oral (with sorbitol and alcohol)

Solifenacin (Vesicare)

Tablet, oral

Sorbitol

Solution, oral

Spironolactone (Aldactone)

Tablet, oral

Spironolactone-hydroCHLORothiazide (Aldactazide)

Tablet, oral

Sucralfate (Carafate)

Suspension, oral

Tablet, oral

Sulfacetamide Sodium (Bleph-10)

Lotion, topical

Ointment, ophthalmic

Solution, ophthalmic

Sulfamethoxazole-Trimethoprim (Bactrim)

The 5:1 ratio of Sulfamethoxazole to Trimethoprim is constant in all dosage forms

Injection

Suspension, oral

Tablet, oral

sulfaSALAzine (Azulfidine)

Tablet, oral

Tablet, delayed release, oral

Sulindac (Clinoril)

Tablet, oral

SUMATriptan (Imitrex)

Injection

Spray, nasal

Tablet, oral

Sunscreen-Block

Cream-Lotion, topical: contains a minimum SPF of 15

Tacrolimus (Protopic)

Ointment, topical

Tamoxifen

Tablet, oral

Tamsulosin (Flomax)

Capsule, oral

Tazarotene (Tazorac, Avage)

Cream, topical

Gel, topical

Temazepam (Restoril) C-IV

Capsule, oral

Terbinafine (LamISIL)

Cream, topical

Tablet, oral

Testosterone (Androlan [DSC])**C-IV**

Injection, in oil, as cypionate

Tetracycline

Capsule, oral

Tetrahydrozoline (Visine Allergy Relief, Visine Moisturizing)

Solution, ophthalmic

Tetrahydrozoline-Zinc Sulfate (Visine A.C.)

Solution, ophthalmic

Thiamine (Vitamin B1)

Injection

Tablet, oral

Thioridazine (Mellaril [DSC]) - RESERVE USE

Tablet, oral

Thiothixene (Navane [DSC])

Capsule, oral

tiaGABine (Gabitril)

Tablet, oral

Timolol (Timoptic, Timoptic XE)

Gel, ophthalmic

Solution, as maleate, ophthalmic

Solution, as maleate, ophthalmic, preservative free, single use

Timolol-Dorzolamide (Cosopt)

Solution, ophthalmic

Tioconazole

Ointment, vaginal

Tiotropium (Spiriva)

Capsule, oral inhalation (with device)

Aerosol solution, oral inhalation (Spiriva Respimat)

tiZANidine (Zanaflex)- RESERVE USE

Capsule, oral

Tablet, oral

Tobramycin (Tobrex)

Injection

Ointment, ophthalmic

Solution, ophthalmic

Tobramycin-Dexamethasone (TobraDex) [contains Benzalkonium]- RESERVE USE

Ointment, ophthalmic

Suspension, ophthalmic

Tolnaftate (Tinactin)

Aerosol, topical, liquid

Aerosol, topical, powder

Cream, topical

Powder, topical

Solution, topical

Tolterodine (Detrol, Detrol LA)

Capsule, extended release, oral

Tablet, oral

Topiramate (Topamax)

Capsule, sprinkle, oral

Tablet, oral

traMADol (Ultram [DSC]) C-IV

Tablet, oral

Tranylcypromine (Parnate)

Tablet, oral

Travoprost (Travatan Z)

Solution, ophthalmic

traZODone (Desyrel [DSC])

Tablet, oral

Tretinoin (Retin-A)

Cream, topical

Gel, topical

Triamcinolone (Nasacort)

Aerosol, topical

Cream, topical

Lotion, topical

Ointment, topical

Paste, dental

Spray, nasal inhalation

Triamterene-hydroCHLORothiazide (Dyazide, Maxzide)

Capsule, oral

Tablet, oral

Triazolam (Halcion) C-IV

Tablet, oral

Trifluoperazine (Stelazine [DSC])

Tablet, oral

Trihexyphenidyl (Artane [DSC])

Elixir, oral

Tablet, oral

Trimethobenzamide (Tigan)

Capsule, oral

Injection, oral

Triprolidine-Pseudoephedrine (Aprodine)

Tablet, oral

Tropicamide (Mydriacyl)

Solution, ophthalmic

Trospium

Tablet, oral

Capsule, extended release 24 hour, oral

Trypsin-Balsam Peru-Castor Oil (Granulex, Revina)

Aerosol, topical

Ointment, topical

Tuberculin, Purified Protein Derivative (P.P.D.)

Intermediate test strength: 5 TU/0.1 mL

Urea

Balm, topical
Cream, topical
Gel, topical
Emulsion, topical
Lotion, topical
Ointment, topical
Shampoo, topical

valACYclovir (Valtrex)

Caplet, oral
Tablet, oral

Valbenazine (Ingrezza) RESERVE USE

Capsule, oral

Valproic Acid/Valproate (Depakene [DSC])

Capsule, oral
Solution, oral

Valsartan (Diovan)

Tablet, oral

Vancomycin (Vancocin)

Capsule, oral
Powder for injection

Varicella Virus Vaccine, Live (Varivax)

Injection, single dose

Venlafaxine (Effexor)

Capsule, extended release 24 hr, oral
Tablet, oral
Tablet, extended release 24 hr, oral

Verapamil (Calan [DSC]), (Isoptin [DSC]), Verelan, Verelan PM)

Capsule, sustained release, oral
Injection
Tablet, immediate release, oral
Tablet, sustained release, oral

Vitamin A (Aquasol A)

Capsule, oral

Vitamin A&D Topical

Ointment, topical

Vitamin B Complex with or without other vitamins and/or minerals

Capsule, oral

Tablet, oral

Vitamin D2 (Ergocalciferol, Calciferol, Drisdol)

Capsule, oral

Drops, oral

Tablet, oral

Vitamin D3 (Cholecalciferol)

Capsule, oral

Chewable, oral

Drops, oral

Softgel, oral

Tablets, oral

1,25-dihydroxyvitamin D3 (Calcitriol, Rocaltrol)

Capsule, oral

Solution, oral

Vitamin E (Aquasol E)

Capsule, oral

Vortioxetine (Trintellix) RESERVE USE

Tablet, oral

Warfarin (Coumadin)

Tablet, oral

Water for Injection

Injection, for constitution

Water for Irrigation

Solution, irrigation, topical

Wound Cleanser (Carrington Clara-Klenz)

Spray, topical

Zanamivir (Relenza)

Powder for Inhalation

Zinc Oxide

Ointment, topical
Paste, topical

Zinc Oxide-Petrolatum-Imidazolidinyl Urea (Diaperene)

Ointment, topical

Zinc Sulfate

Capsule, oral
Tablet, oral

Ziprasidone (Geodon)

Capsule, oral
Injection

Zoledronic Acid (Reclast)

Injection

Zolpidem (Ambien) C-IV

Tablet, oral

Zonisamide (Zonegran)

Capsule, oral

Zoster Vaccine- Recombinant, Adjuvanted (Shingrix)

Intramuscular Suspension

Therapeutic Classification/Cost Index

Antidiabetic Agents

Insulins, Human	Cost Index
Insulin, Aspart (NovoLOG)	Moderate
Insulin, Combination (70/30)	Moderate
Insulin, Detemir (Levemir)	Moderate
Insulin, Glargine (Lantus)	Moderate
Insulin, Lispro (HumaLOG)	Moderate
Insulin, Combination, lispro protamine suspension-insulin lispro, (HumaLOG Mix 75/25, HumaLOG Mix 50/50)	Moderate
Insulin, NPH	Moderate
Insulin, Regular (HumuLIN, NovoLIN)	Moderate

Sulfonylureas	Cost Index
glipiZIDE (Glucotrol)	Low

Miscellaneous Antidiabetic Agents	Cost Index
Canagliflozin (Invokana)	High
Empagliflozin (Jardiance)	High
Liraglutide (Victoza)	High
metFORMIN (Glucophage, Glucophage XR)	Low-High
Pioglitazone (Actos)	High
Repaglinide (Prandin [DSC])	Moderate
Semaglutide (Ozempic, Rybelsus)	High
SITagliptin (Januvia)	High

Antidotes

Antidotes	Cost Index
EPINEPHrine (EpiPen)	High
Glucagon	High
Glucose, oral	Moderate
Naloxone (Narcan) RESERVE USE	High
Phytonadione (Vitamin K1, Mephyton)	Low-High
Sodium Polystyrene Sulfonate	Low-High

Antineoplastic Agents

Antineoplastic Agents	Cost Index
Tamoxifen	Low

All commercially available oncologic agents used in the treatment of cancer are considered to be formulary agents, if prescribed by an oncologist for the active treatment of cancer. All commercially available oncologic agents prescribed by field specialists are considered to be on formulary.

Blood Modifying Agents

Antiplatelet Agents	Cost Index
Aspirin	Low
Clopidogrel (Plavix)	Low

Anticoagulants	Cost Index
Apixaban (Eliquis)	High
Enoxaparin (Lovenox)	High
Fondaparinux (Arixtra)	High
Heparin	Moderate
Rivaroxaban (Xarelto)	High
Warfarin (Coumadin)	Low

Anticoagulation Antagonists	Cost Index
Phytonadione (Vitamin K ₁ , Mephyton)	Low-High

Miscellaneous Blood Modifying Agents	Cost Index
Epoetin alfa (Epogen, Procrit) RESERVE USE	High
Ferrous Fumarate-Docusate Sodium (Ferro-Sequels) [33% elemental iron]	Low
Ferrous Sulfate (Feosol, Fer-In-Sol) [20% elemental iron]	Low

Cardiovascular Agents

Diuretics-Thiazides & Related Diuretics	Cost Index
Chlorthalidone	Low
hydroCHLORothiazide	Low

Diuretics-Loop Diuretics	Cost Index
Furosemide (Lasix)	Low

Diuretics-Potassium-Sparing Diuretics	Cost Index
Spironolactone (Aldactone)	Low

Diuretics-Carbonic Anhydrase Inhibitors	Cost Index
acetazOLAMIDE (Diamox [DSC])	Moderate

Diuretics-Combination Diuretics	Cost Index
Spironolactone-hydroCHLORothiazide (Aldactazide)	Low
Triamterene-hydroCHLORothiazide (Dyazide, Maxzide)	Low

Cardiac Glycosides	Cost Index
Digoxin (Lanoxin)	Moderate

Antianginals	Cost Index
Isosorbide Dinitrate (Isordil)	Low-Moderate
Isosorbide Mononitrate	Low-Moderate
Nitroglycerin	Low-Moderate

Antiarrhythmics	Cost Index
Adenosine (Adenocard) Reserve Use	Moderate-High
Amiodarone (Pacerone, Cordarone)	Low

Calcium Channel Blockers	Cost Index
amLODIPine (Norvasc)	Low
diltIAZem (Cardizem)	Low-High
NIFEdipine (Procardia, Procardia XL)	Moderate
Verapamil (Calan [DSC]), (Isoptin [DSC]), Verelan, Verelan PM)	Low-High

Beta-Adrenergic Blockers	Cost Index
Atenolol (Tenormin)	Low
Carvedilol (Coreg, Coreg CR)	Moderate-High
Labetalol (Normodyne [DSC])	Low
Metoprolol (Lopressor, Toprol XL)	Low
Propranolol (Inderal)	Low-Moderate

Antihyperlipidemics	Cost Index
atorvaSTATin (Lipitor)	Low
Cholestyramine	Moderate
Ezetimibe (Zetia)	High
Fenofibrate (Antara, Lofibra, Tricor, Triglide)	Low-Moderate
Niacin (Vitamin B ₃)	Low
Pravastatin (Pravachol)	Low

Antihyperlipidemics	Cost Index
Rosuvastatin (Crestor)	Moderate
Simvastatin (Zocor)	Low
Omega-3-acid ethyl esters (Lovaza)	Moderate

Angiotensin Converting Enzyme Inhibitors	Cost Index
Benazepril (Lotensin)	Low
Captopril (Capoten [DSC])	Moderate
Enalapril (Vasotec)	Low
Lisinopril (Prinivil [DSC], Zestril)	Low

Angiotensin Receptor Blockers	Cost Index
Losartan (Cozaar)	Low
Olmesartan (Benicar) RESERVE USE	High
Valsartan (Diovan)	Low

Vasopressors	Cost Index
DOPamine (Intropin [DSC]) RESERVE USE	Moderate-High
EPINEPHrine (Adrenalin)	High
Norepinephrine or Levarterenol (Levophed) RESERVE USE	High

Miscellaneous Antihypertensives	Cost Index
cloNIDine (Catapres [DSC])	Low-High
hydrALAZINE	Low
Methyldopa	Low

Central Nervous System Agents

Agents for Migraine	Cost Index
Amitriptyline (Elavil)	Low

Agents for Migraine	Cost Index
Aspirin-Acetaminophen-Caffeine (Excedrine Migraine)	Low
Atenolol (Tenormin)	Low
Divalproex (Depakote, Depakote ER)	Low
Metoprolol (Lopressor, Toprol XL)	Low
Naproxen (Naprosyn)	Low
Propranolol (Inderal)	Low
SUMAtriptan (Imitrex)	Low-High
Topiramate (Topamax)	Low
Valproic Acid/Valproate (Depakene [DSC])	Low
Venlafaxine (Effexor)	Low-Moderate
Verapamil (Verelan Verelan PM)	Low-High

Analgesics-Nonsteroidal Anti-Inflammatory Agents	Cost Index
Aspirin	Low
Celecoxib (CeleBREX)	Low
Ibuprofen (Motrin)	Low
Ketorolac (Toradol [DSC])	Moderate-High
Meloxicam (Mobic)	Moderate
Nabumetone (Relafen) - RESERVE USE	Moderate
Naproxen (Naprosyn)	Low-Moderate
Sulindac (Clinoril)	Low

Analgesics-Opiate Agonists	Cost Index
Acetaminophen-Codeine C-III	Low-Moderate
Acetaminophen-HYDROcodone (Lortab [DSC], Vicodin [DSC], Vicodin ES [DSC]) C-II	Low-Moderate
Methadone (Dolophine [DSC]) C-II - RESERVE USE	Low
Morphine C-II	Low-Moderate

Analgesics-Opiate Agonists	Cost Index
oxyCODONE (OxyCONTIN) C-II	Moderate-High

Opiate agonists include a range of dosage forms and strengths. Dosing of each is dependent on the individual patient and condition treated.

Miscellaneous Analgesic, Antipyretic, & Anti-Inflammatory Agents	Cost Index
Acetaminophen (Tylenol)	Low
Colchicine	High
traMADol (Ultram [DSC]) C-IV	Low

Anticonvulsants-Barbiturates	Cost Index
PHENobarbital (Luminal [DSC]) C-IV	Low
Primidone (Mysoline)	Moderate

Anticonvulsants-Benzodiazepines	Cost Index
cloBAZam (Onfi) C-IV RESERVE USE	Moderate
clonazePAM (KlonopIN) C-IV	Low-Moderate
Clorazepate (Tranxene) C-IV	Moderate-High
diazepam (Valium, Diastat) C-IV	Low-High
LORazepam (Ativan) C-IV	Low-Moderate
Midazolam (Nayzilam) C-IV	High

Anticonvulsants-Hydantoins	Cost Index
Fosphenytoin (Cerebyx)	High
Phenytoin (Dilantin)	Low-High

Anticonvulsants-Succinimides	Cost Index
Ethosuximide (Zarontin)	Moderate-High

Miscellaneous Anticonvulsants	Cost Index
Cannabidiol (Epidiolex) C-V RESERVE USE	High
carBAMazepine (TEGretol, TEGretol XR, Carbatrol, Equetro)	Low-High
Divalproex (Depakote)	Low-Moderate
Felbamate (Felbatol) - RESERVE USE	High
Gabapentin (Neurontin)	Low-High
Lacosamide (Vimpat) C-V	Moderate-High
lamoTRIgine (LaMICtal)	Low-High
levETIRAcetam (Keppra)	Low-Moderate
OXcarbazepine (Trileptal)	Moderate
Pregabalin (Lyrica) C-V	Moderate
Rufinamide (Banzel)	High
tiaGABine (Gabitril)	High
Topiramate (Topamax)	Low
Valproic Acid/Valproate (Depakene [DSC])	Moderate
Zonisamide (Zonegran)	Moderate

Antiemetics-Antivertigo	Cost Index
diphenhydrAMINE (Benadryl)	Low
hydrOXYzine (Atarax [DSC], Vistaril)	Low-High
Meclizine (Antivert, Bonine)	Low
Metoclopramide (Reglan)	Low
Ondansetron (Zofran, Zofran ODT)	Low
Prochlorperazine (Compazine)	Low-High
Promethazine (Phenergan)	Low-High
Trimethobenzamide (Tigan)	Moderate-High

Antiparkinson Agents	Cost Index
Amantadine	Low-Moderate

Antiparkinson Agents	Cost Index
Benztropine (Cogentin)	Low-High
Bromocriptine	Moderate
Entacapone (Comtan)	Moderate
Carbidopa-Levodopa (Sinemet)	Low
Pramipexole (Mirapex)	Low
Rasagiline (Azilect)	Moderate
Selegiline (Eldepryl [DSC])	Moderate-High
Trihexyphenidyl (Artane [DSC])	Low

Dementia Agents	Cost Index
Donepezil (Aricept)	Low
Galantamine (Razadyne)	Low-High
Memantine (Namenda)	Low
Rivastigmine (Exelon, Exelon Patches)	Low-Moderate

Muscle Relaxants-Antispasticity Agents	Cost Index
Baclofen	Low
Dantrolene (Dantrium)	Low-Moderate
diazepam (Valium) C-IV	Low-High
tiZANidine (Zanaflex) - RESERVE USE	Low

Muscle Relaxants-Muscle Relaxant Agents	Cost Index
Cyclobenzaprine	Low
diazepam (Valium) C-IV	Low-high
Methocarbamol (Robaxin)	Low

Agents for Tardive Dyskinesia- VMAT-2 inhibitors	Cost Index
Deutetrabenazine (Austedo) – RESERVE USE	High
Valbenazine (Ingrezza) – RESERVE USE	High

Psychotropic Agents-Benzodiazepine Anxiolytics and Hypnotics	Cost Index
ALPRAZolam (Xanax, Xanax XR) C-IV	Low
chlordiazepOXIDE (Librium) C-IV	Low
clonazePAM (KlonopIN) C-IV	Low
Clorazepate (Tranxene) C-IV	Low
diazepam (Valium) C-IV	Low-High
LORazepam (Ativan) C-IV	Low
Midazolam (Versed) C-IV	Moderate
Oxazepam (Serax) C-IV	Moderate
Temazepam (Restoril) C-IV	Low
Triazolam (Halcion) C-IV	Moderate

Psychotropic Agents-Miscellaneous Anxiolytics and Hypnotics	Cost Index
busPIRone (BuSpar [DSC])	Low
Dexmedetomidine (Igalmi) RESERVE USE	High
diphenhydramINE (Benadryl)	Low
Eszopiclone (Lunesta)	Low
hydrOXYzine (Atarax [DSC], Vistaril)	Low-High
Prazosin (Minipress)	Low
traZODone (Desyrel [DSC])	Low
Zolpidem (Ambien) C-IV	Low

Psychotropic Agents-Antidepressants-Monoamine Oxidase Inhibitors (MAOI)	Cost Index
Phenelzine (Nardil)	Moderate

Psychotropic Agents-Antidepressants-Monoamine Oxidase Inhibitors (MAOI)	Cost Index
Tranylcypromine (Parnate)	Moderate

Psychotropic Agents-Antidepressants-Serotonin Selective Reuptake Inhibitors (SSRI)	Cost Index
Citalopram (CelexA)	Low
Escitalopram (Lexapro)	Low-High
FLUoxetine (PROzac)	Low-High
fluvoxaMINE (Luvox)	Low-High
PARoxetine (Paxil)	Low-High
Sertraline (Zoloft)	Low-High

Psychotropic Agents-Antidepressants-Serotonin Norepinephrine Reuptake Inhibitors (SNRI)	Cost Index
DULoxetine (Cymbalta)	Low
Venlafaxine (Effexor)	Low-Moderate

Psychotropic Agents-Antidepressants-Tricyclic Agents	Cost Index
Amitriptyline (Elavil)	Moderate
clomiPRAMINE (Anafranil) - for OCD	High
Desipramine (Norpramin)	Moderate-High
Doxepin (SINEquan)	Moderate
Imipramine (Tofranil)	Low
Nortriptyline (Pamelor)	Low

Psychotropic Agents-Miscellaneous Antidepressants	Cost Index
buPROPION (Budeprion, Wellbutrin, Zyban)	Low
Mirtazapine (Remeron, Remeron SolTab)	Low
traZODone (Desyrel [DSC])	Low

Psychotropic Agents-Miscellaneous Antidepressants	Cost Index
Esketamine (Spravato) C-III RESERVE USE	High
Ketamine (Ketalar) C-III RESERVE USE	High
Vortioxetine (Trintellix) RESERVE USE	High

Psychotropic Agents-Antipsychotics	Cost Index
ARIPIPRAZOLE (Abilify, Abilify discmelt, Abilify Maintena, Aristada, Aristada Initio - RESERVE USE)	Low-High
Asenapine (Saphris)	High
Brexpiprazole (Rexulti)	High
Cariprazine (Vraylar)	High
chlorproMAZINE (Thorazine [DSC])	High
cloZAPINE (Clozaril)- RESERVE USE	High
fluPHENAZINE (Prolixin)	Moderate-High
Haloperidol (Haldol)	Moderate
Iloperidone (Fanapt) RESERVE USE	High
Loxapine (Loxitane [DSC])	Moderate
Lumateperone (Caplyta)	High
Lurasidone (Latuda)	High
OLANZAPINE (ZyPREXA)	Low
Paliperidone (Invega, Invega Sustenna, Invega Trinza- RESERVE USE)	High
Perphenazine (Trilafon [DSC])	Moderate
QUEtiapine (SEROquel)	Low
risperiDONE (RisperDAL), RisperDAL M-Tab, RisperDAL Consta	Low-High
Thioridazine (Mellaril [DSC]) - RESERVE USE	Moderate
Thiothixene (Navane [DSC])	High
Trifluoperazine (Stelazine [DSC])	High
Ziprasidone (Geodon)	Low

Psychotropic Agents-Mood Stabilizers	Cost Index
carBAMazepine (TEGretol, TEGretol XR, Carbatrol, Equetro)	Moderate-High
Divalproex (Depakote)	Low
IamoTRIgine (LaMICtal)	Low-High
Lithium Carbonate (Eskalith)	Low-Moderate
Lithium Citrate	Moderate-High
OXcarbazepine (Trileptal)	Low
Topiramate (Topamax)	Low
Valproic Acid/Valproate (Depakene [DSC])	Low

Psychotropic Agents-Stimulants	Cost Index
Amphetamine Mixed Salts (Adderall, Adderall XR) CII	Low-Moderate
atoMOXetine (Strattera)	Moderate-High
Dexmethylphenidate extended release (Focalin XR) CII	High
<i>Rarely used in adults</i>	Low-Moderate
Dextroamphetamine (Dexedrine [DSC], Dexedrine Spansule, Zenzedi)C-II	
Lisdexamfetamine (Vyvanse) C-II Reserve Use	High
<i>Rarely used in adults</i>	Low-Moderate
Methylphenidate immediate release (Ritalin, Metadate [DSC]) C-II	
<i>Rarely used in adults</i>	Moderate-High
Methylphenidate extended release (Ritalin XR [DSC], Metadate CD, Concerta) C-II	

Psychotropic Agents-Other ADHD Agents	Cost Index
cloNIDine (Catapres [DSC], Kapvay)	Low
guanFACINE (Tenex [DSC], Intuniv)	Low

Substance Use Treatments	Cost Index
Acamprosate (Campral)	High
Buprenorphine (Subutex [DSC])	Moderate

Substance Use Treatments	Cost Index
Buprenorphine-naloxone (Suboxone)	Moderate
Disulfiram (Antabuse [DSC])	Moderate
Naltrexone(ReVia [DSC]), Naltrexone microspheres (Vivitrol) RESERVE USE	Moderate-High
Nicotine (Nicoderm, Nicorette)	Low-Moderate
Topiramate (Topamax)	Low

Miscellaneous Central Nervous System Agents	Cost Index
Megestrol (Megace, Megace ES)	Moderate

Endocrine Agents

Estrogens	Cost Index
Estradiol (Estrace, Estraderm [DSC], Vivelle, Alora, Climara, Vagifem)	Low-High
Estrogens, Conjugated (Premarin)	High

Progesterones	Cost Index
medroxyPROGESTERone (Provera)	Low

Combination Products	Cost Index
Estrogen-medroxyPROGESTERone (PremPro, Premphase)	High

All commercially available oral contraceptive agents are considered to be formulary agents.

Androgens	Cost Index
Testosterone(Androlan [DSC]) C-IV	Moderate

Osteoporosis Agents	Cost Index
Alendronate (Fosamax, Binosto)	Moderate-High
Denosumab (Prolia)	High
Ibandronate (Boniva [DSC])	Moderate

Osteoporosis Agents	Cost Index
Raloxifene (Evista)	High
Risedronate (Actonel)	High
Zoledronic Acid (Reclast)	High

Adrenal Cortical Steroids	Cost Index
Dexamethasone	Low-Moderate
Fludrocortisone	Low
Hydrocortisone (Cortef)	Low-High
methylPREDNISolone (Medrol, DEPO-Medrol, SOLU-Medrol)	Low-High
prednisoLONE	Moderate-High
predniSONE (Deltasone)	Low

Thyroid Agents	Cost Index
Levothyroxine (Synthroid, Levoxyl)	Low
methIMAzole (Tapazole)	Low
Propylthiouracil	Moderate

Miscellaneous Endocrine Agents	Cost Index
Allopurinol (Zyloprim)	Low
Desmopressin (DDAVP, Stimate)	Moderate-High

Gastrointestinal Agents

Antacids	Cost Index
Aluminum Hydroxide	Low
Aluminum Hydroxide-Magnesium Trisilicate (Gaviscon)	Low
Aluminum Hydroxide-Magnesium Hydroxide (Maalox)	Low
Aluminum Hydroxide-Magnesium Hydroxide-Simethicone (Mylanta)	Low
Calcium Carbonate (Os-Cal, Os-Cal chewable, Tums) - 40% elemental calcium	Low

Antispasmodics/Anticholinergic Agents	Cost Index
Dicyclomine (Bentyl)	Low
Glycopyrrolate (Robinul)	Low

Histamine (H2) Antagonists-Preferred Agents	Cost Index
Famotidine (Pepcid)	Low-Moderate

Histamine (H2) Antagonists-Other Agents	Cost Index
raNITIdine	Low-High

Proton Pump Inhibitors-Preferred Agents	Cost Index
Lansoprazole (Prevacid)	Low
Pantoprazole (Protonix)	Low-High

Proton Pump Inhibitors-Other Agents	Cost Index
Esomeprazole (NexIUM)	Low-High
Omeprazole (PriLOSEC)	Low-High

Antiflatulants	Cost Index
Simethicone (Gas-X, Phazyme)	Low

Stimulants	Cost Index
Metoclopramide (Reglan)	Low

Laxatives-Saline Osmotic	Cost Index
Magnesium Citrate	Moderate
Magnesium Hydroxide (Milk of Magnesia)	Low

Laxatives-Irritant/Stimulant	Cost Index
Bisacodyl (Dulcolax)	Low
Senna (Senokot)	Low

Laxatives-Bulking Agents	Cost Index
Cellulose (Unifiber)	Low
Methylcellulose (Citrucel)	Low
Polycarbophil (Fibercon, Fiber-Lax)	Low
Psyllium (Konsyl, Metamucil)	Low

All products of psyllium, psyllium husk, and psyllium seed, alone or in combination with dextrose, aspartame, sugar or sucrose are considered to be formulary.

Laxatives-Osmotic	Cost Index
Lactulose (Enulose)	Low
Polyethylene Glycol (MiraLax)	Low
Polyethylene Glycol Electrolyte Solution (PEG, Co-Lyte, GoLYTELY,)	Moderate
Sorbitol	Low

Laxatives-Combination Agents	Cost Index
Docusate Sodium-Sennosides (Peri-Colace)	Low

Laxatives-Surfactants	Cost Index
Docusate Calcium (Surfak)	Low
Docusate Sodium (Colace)	Low

Laxatives-Calcium Channel Activators	Cost Index
Linaclotide (Linzess) RESERVE USE	High
Lubiprostone (Amitiza)	Moderate

Miscellaneous Laxatives	Cost Index
Glycerin Suppository (Sani-Supp)	Low

Antidiarrheals	Cost Index
Bismuth Subsalicylate (Pepto-Bismol, Bismatrol, Kaopectate)	Low
Saccharomyces boulardii (Florastor)	Low
Lactobacillus Acidophilus (Lactinex, Bacid, Florajen)	Low-High
Loperamide (Imodium)	Low

Rectal Agents	Cost Index
Hydrocortisone Rectal Foam, suppositories, cream, ointment (Proctofoam-HC, Anusol-HC)	Moderate-High
Pramoxine-Hydrocortisone (Analpram HC)	High
Phenylephrine Rectal cream, ointment, suppositories (Preparation H)	Low

Miscellaneous Gastrointestinal Agents	Cost Index
Bismuth Subsalicylate (Pepto-Bismol, Bismatrol, Kaopectate)	Low
Mesalamine (Asacol HD, Pentasa, Rowasa, Canasa)	Moderate-High
miSOPROStol (Cytotec)	Low-Moderate
Pancrelipase (Pancrease, Creon)	Moderate-High
Sucralfate (Carafate)	Low
sulfaSALAzine (Azulfidine)	Low-Moderate

Genitourinary Agents

Interstitial Cystitis Agents	Cost Index
Phenazopyridine (Pyridium)	High

Genitourinary Irrigants	Cost Index
Sodium Chloride	Moderate-High
Water for Irrigation	Moderate-High

Medications for BPH	Cost Index
Finasteride (Proscar)	Low
Tamsulosin (Flomax)	Low

Urinary Alkalinizers	Cost Index
Potassium Citrate (Urocit K)	Moderate
Potassium Citrate Combinations	Low-Moderate
Sodium Bicarbonate	Low
Sodium Citrate-Citric Acid (Oracit)	Moderate

Urinary Anticholinergics	Cost Index
Darifenacin (Enablex [DSC])	High
Oxybutynin (Ditropan XL)	Low
Solifenacin (Vesicare)	High
Trospium	Moderate-High
Tolterodine (Detrol, Detrol LA)	Moderate-High

Urinary Cholinergics	Cost Index
Bethanechol (Urecholine [DSC])	Moderate

Vaginal Antifungals	Cost Index
Clotrimazole (Gyne-Lotrimin)	Low
Miconazole	Low-Moderate
Tioconazole	High

Miscellaneous Genitourinary Agents	Cost Index
Mirabegron (Myrbetriq) RESERVE USE	High
Sevelamer (Renagel)	High

Immunological Agents

Immune Serums	Cost Index
Hepatitis B Immune Globulin (HBIG)	High

Bacterial Vaccines	Cost Index
Pneumococcal Vaccine, Polyvalent (Pneumovax 23)	High
Pneumococcal Vaccine, Conjugate (Prevnar 13, Prevnar 20)	High

Viral Vaccines	Cost Index
Hepatitis A Vaccine (Vaqta, Havrix)	High
Hepatitis A-Hepatitis B Vaccine (Twinrix)	High
Hepatitis B Virus Vaccine, Recombinant (Recombivax HB, Engerix-B, Heplisav-B)	High
Influenza Virus Vaccine	High
Measles-Mumps-Rubella Virus Vaccine, Live (MMR II)	High
Varicella Virus Vaccine, Live (Varivax)	High
Zoster Vaccine- Recombinant, Adjuvanted (Shingrix)	High

Toxoids	Cost Index
Diphtheria-Tetanus Toxoids Adsorbed (DT)	High
Diphtheria-Tetanus Toxoids Adsorbed for Adult Use (Td)	High
Diphtheria-Tetanus-Acellular Pertussis (Tdap) (Boostrix, Adacel)	High

In-Vivo Diagnostic Biologicals	Cost Index
Tuberculin, Purified Protein Derivative (P.P.D.)	High

Infectious Disease Agents

Antibiotics-Penicillins	Cost Index
Amoxicillin (Amoxil, Polymox)	Low

Antibiotics-Penicillins	Cost Index
Amoxicillin-Clavulanate (Augmentin)	Low-High
Ampicillin (Polycillin, Omnipen)	Low-High
Nafcillin	Moderate-High
Penicillin G Benzathine (Bicillin LA)	High
Penicillin V Potassium (Pen-Vee K, V-Cillin K)	Low
Piperacillin-Tazobactam (Zosyn)	High

Antibiotics-Cephalosporins	Cost Index
ceFAZolin (Kefzol)	Low-Moderate
cefdinir (Omnicef)	Low-Moderate
Cefepime (Maxipime)	Moderate-High
cefTRIAXone (Rocephin)	Moderate
Cefuroxime Axetil (Ceftin) - Oral form only	Low
Cephalexin (Keflex)	Low

Antibiotics-Macrolides	Cost Index
Azithromycin (Zithromax)	Low-Moderate
Clarithromycin (Biaxin)	Low-Moderate

Antibiotics-Tetracyclines	Cost Index
Doxycycline (Vibramycin)	Low
Minocycline	Low
Tetracycline	Moderate

Antibiotics-Quinolones	Cost Index
Ciprofloxacin (Cipro)	Low-High
IevoFLOXacin (Levaquin)	Low
Moxifloxacin (Avelox)	Moderate

Antibiotics-Aminoglycosides	Cost Index
Amikacin	High
Gentamicin	Moderate
Neomycin	Low
Tobramycin	Moderate

Miscellaneous Antibiotics	Cost Index
Clindamycin (Cleocin)	Low-High
Fosfomycin (Monurol)	High
Linezolid (Zyvox) RESERVE USE	Moderate-High
metronIDAZOLE (Flagyl)	Low-Moderate
Meropenem (Merrem) RESERVE USE	High
Sulfamethoxazole -Trimethoprim (Bactrim) The 5:1 ratio of Sulfamethoxazole to Trimethoprim is constant in all dosage forms	Low-High
Vancomycin (Vancocin)	Moderate-High

Antifungals	Cost Index
Fluconazole (Diflucan)	Low-Moderate
Griseofulvin (Fulvicin, Grifulvin V, Gris-Peg)	Low-High
Ketoconazole (Nizoral)	Low
Nystatin (Mycostatin)	Low
Terbinafine (LamISIL)	Low

Antituberculars	Cost Index
Ethambutol (Myambutol)	Low
Ethionamide (Trecator)	Moderate
Isoniazid (INH)	Low
Pyrazinamide	Moderate

Antituberculars	Cost Index
Rifabutin (Mycobutin)	High
rifAMPin (Rifadin)	Low-High

Antivirals	Cost Index
Acyclovir (Zovirax)	Low-High
Oseltamivir (Tamiflu)	Moderate-High
valACYclovir (Valtrex)	Low-Moderate
Zanamivir (Relenza)	High

All commercially available antiviral agents used in the treatment of AIDS/HIV are considered to be formulary agents.

Antihelmintics	Cost Index
Ivermectin (Stromectol)	Moderate

Urinary Anti-Infectives	Cost Index
Nitrofurantoin (Macrodantin)	Moderate-High

Miscellaneous Anti-Infectives	Cost Index
Dapsone	Low
Pentamidine (Pentam) - RESERVE USE	High

PARENTERAL SOLUTIONS AND ADDITIVES

PARENTERAL SOLUTIONS	Cost Index
Amino Acid Injection (Aminosyn)	High
Amino Acid Injection-Dextrose-Electrolytes (Clinimix E)	High
Dextrose 5%-Sodium Chloride Intravenous Solution	Moderate
Dextrose 5% in Water	Moderate
Dextrose 5% in Ringer's Lactate	Moderate

Parenteral Solutions	Cost Index
Dextrose 5%-Sodium Chloride-Potassium Chloride Intravenous Solution	Moderate
Dextrose 50% in Water	High
Sodium Chloride Intravenous Solution	Moderate
Sodium Chloride	Moderate
Water for Injection	Moderate

Electrolyte Replacement Additives	Cost Index
Magnesium Sulfate	Moderate
Sodium Chloride	Low

Respiratory Agents

Beta₂ Agonist-Short acting (SABA)	Cost Index
Albuterol (ProAir Respiclick, Proventil, Ventolin)	Low-Moderate
Levalbuterol (Xopenex)	Moderate

Beta₂ Agonist-Long Acting (LABA)	Cost Index
Salmeterol (Serevent)	High

Anticholinergics-Short Acting (SAMA)	Cost Index
Ipratropium (Atrovent)	Low-High

Anticholinergics-Long Acting (LAMA)	Cost Index
Tiotropium (Spiriva)	High

Combination Short-Acting Beta₂ Agonists Plus Anticholinergics (SABA/SAMA)	Cost Index
Albuterol-Ipratropium (Combivent)	Low-High

Combination Long Acting Beta-2 Agonists Plus Corticosteroids (LABA/ICS)	Cost Index
Budesonide-Formoterol (Symbicort)	High
Fluticasone-Salmeterol (Advair)	Moderate-High

Inhaled Corticosteroids (ICS)	Cost Index
Beclomethasone (QVAR Redihaler)	Moderate-High
Budesonide (Pulmicort)	Moderate-High
Fluticasone (Flovent)	High

Miscellaneous Respiratory Drugs	Cost Index
Acetylcysteine	High
Montelukast (Singulair)	Low
Sodium Chloride	Low

Antihistamine, Cough and Decongestant Preparations	Cost Index
Benzonatate Antitussive	Low
Brompheniramine-Phenylephrine (Dimetapp Children's Cold and Allergy)	Low
Brompheniramine-Pseudoephedrine, Rynex PSE)	Low
Cetirizine (ZyrTEC)	Low
Cetirizine-Pseudoephedrine (ZyrTEC D)	Low
Chlorpheniramine	Low
Cyproheptadine (Periactin)	Low
*Dextromethorphan Antitussive	Low
diphenhydramINE (Benadryl)	Low
Fexofenadine (Allegra)	Low
Fexofenadine - Pseudoephedrine (Allegra-D)	Low
guaiFENesin-Codeine C-V	Low
*guaiFENesin-Dextromethorphan	Low

Antihistamine, Cough and Decongestant Preparations	Cost Index
guaiFENesin-Pseudoephedrine (Mucinex D)	Low
hydrOXYzine (Atarax [DSC], Vistaril)	Low
Loratadine (Claritin)	Low
Loratadine-Pseudoephedrine (Claritin D)	Low
Pseudoephedrine (Sudafed) Decongestant	Low
Triprolidine-Pseudoephedrine (Aprodine)	Low

*Any combination of products containing dextromethorphan or guaifenesin are considered formulary if individual ingredients are on formulary AND the dosage form is on formulary.

Expectorants	Cost Index
*guaiFENesin (Robitussin, Mucinex)	Low
Potassium Iodide (SSKI)	High

*Any combination of products containing dextromethorphan or guaifenesin are considered formulary if individual ingredients are on formulary AND the dosage form is on formulary.

Topical Agents

Ophthalmics-Agents for Glaucoma	Cost Index
Betaxolol (Betoptic S)	High
Bimatoprost (Lumigan)	High
Brimonidine (Alphagan P)	Low
Latanoprost (Xalatan)	Moderate
Pilocarpine (Isopto Carpine)	Moderate
Timolol (Timoptic, Timoptic XE)	Low
Timolol-Dorzolamide (Cosopt)	Low
Travoprost (Travatan Z)	High

Ophthalmics-Antibiotics	Cost Index
Bacitracin	High
Ciprofloxacin (Ciloxan)	Moderate

Ophthalmics-Antibiotics	Cost Index
Erythromycin	High
Gentamicin	Moderate
Moxifloxacin (Moxeza, Vigamox) Reserve Use	High
Polymyxin B-Bacitracin (Polysporin)	Low
Polymyxin B-Trimethoprim (Polytrim)	Low
Sulfacetamide Sodium (Bleph-10)	Moderate
Tobramycin (Tobrex)	Moderate

Ophthalmics-Mydriatics	Cost Index
Atropine Sulfate (Isopto Atropine)	Moderate
Homatropine	High
Phenylephrine (Neo-Synephrine)	Moderate
Tropicamide (Mydriacyl)	Low

Ophthalmics-Decongestant/Antiallergy	Cost Index
Ketotifen (Zaditor)	Low
Naphazoline	Low
Olopatadine (Patanol)	High
Tetrahydrozoline (Visine Allergy Relief, Visine Moisturizing)	Low
Tetrahydrozoline-Zinc Sulfate (Visine A.C.)	Low

Miscellaneous Ophthalmics	Cost Index
Balanced Salt Solution Ophthalmic Irrigating Solution (BSS, Eye Stream)	High
Carboxymethylcellulose	Low
Cromolyn (Intal)	Low
Dexamethasone - RESERVE USE	High
Fluorescein Sodium (Bio Glo, FUL-GLO)	Low
Fluorescein-benoxinate (Altafluor Benox)	N/A

Miscellaneous Ophthalmics	Cost Index
Mineral Oil-Petrolatum (Akwa Tears, Refresh Lacrilube)	Low
Polyvinyl Alcohol (Artifical Tears, Akwa Tears)	Moderate
prednisoLONE (Pred Mild, Pred Forte) RESERVE USE	High
Proparacaine (Alcaine)	Moderate
Sodium Chloride	Low
Tobramycin-Dexamethasone (TobraDex)- RESERVE USE	High

Otics	Cost Index
Acetic Acid	Low
Acetic Acid-Hydrocortisone (VoSol HC)	High
Carbamide Peroxide (Debrox)	Low
Ciprofloxacin-Dexamethasone (Ciprodex)	High
Ciprofloxacin-Hydrocortisone (Cipro HC Otic)	High
Hydrogen Peroxide	Low
Mineral Oil	Low
Neomycin-Polymyxin B-Hydrocortisone (Cortisporin)	Moderate

Mouth and Throat Agents	Cost Index
Benzocaine (Orajel, Cepacol)	Low
Carbamide Peroxide (Gly-Oxide)	Low
Chlorhexidine (Peridex)	Low
Clotrimazole	Low
Doxycycline	N/A
Fluoride (PerioMed)	Low
Lidocaine (Viscous Lidocaine)	Low
Nystatin	Low
Phenol (Chloraseptic)	Low
Saliva Substitute(Biotene)	Low

Mouth and Throat Agents	Cost Index
Triamcinolone	High

Nasal Agents	Cost Index
Azelastine	Low
Beclomethasone (Beconase)	Moderate
Fluticasone (Flonase)	Low
Mometasone (Nasonex)	Low
Oxymetazoline (Afrin)	Low
Phenylephrine (Neo-Synephrine)	Low
Sodium Chloride	Low
Triamcinolone (Nasacort)	Low

Dermatologicals-Acne Agents	Cost Index
Adapalene (Differin)	Moderate
Benzoyl Peroxide	Low
Benzoyl Peroxide-Clindamycin (BenzaClin)	Moderate
Clindamycin (Cleocin T)	Low
Erythromycin-Benzoyl Peroxide (Benzamycin)	Moderate
metronIDAZOLE (Noritate, MetroGel)	Moderate
Salicylic Acid-Sulfur	Low
Sulfacetamide Sodium	Low
Tazarotene (Tazorac, Avage)	High
Tretinoin (Retin-A)	Moderate-High

Dermatologicals-Analgesics	Cost Index
Diclofenac Gel (Voltaren Gel)	Low

Dermatologicals-Anesthetics, local	Cost Index
Benzocaine (Lanacaine)	Low
Ethyl Chloride	Low
Lidocaine (Lidoderm, Xylocaine)	Low
Lidocaine-Prilocaine (EMLA)	Low
Pramoxine	Low

Dermatologicals-Anti-Histamine Agents	Cost Index
Calamine-Zinc Oxide-Glycerin (Calamine Lotion)	Low
Calamine-Pramoxine (Caladryl)	Low
diphenhydrAMINE (Benadryl)	Low
Pramoxine-Zinc (Caladryl Clear)	Low

Dermatologicals-Anti-Infectives-Antibiotics	Cost Index
Bacitracin	Low
Bacitracin-Polymyxin B (Polysporin)	Low
Clindamycin (Cleocin T)	Low
Gentamicin	Moderate
metroNIDAZOLE (Noritate, MetroGel)	Moderate
Mupirocin (Bactroban)	Low-High
Neomycin-Polymyxin B-Bacitracin (Triple Antibiotic Ointment)	Low

Dermatologicals-Anti-Infectives-Antiviral	Cost Index
Acyclovir (Zovirax)	Low-High

Dermatologicals-Anti-Infectives-Antifungals	Cost Index
Ciclopirox(Loprox, Penlac)	Low
Clotrimazole(Lotrimin)	Low
Clotrimazole-Betamethasone dipropionate (Lotrisone)	Low

Dermatologicals-Anti-Infectives-Antifungals	Cost Index
Ketoconazole(Nizoral)	Low
Miconazole	Low
Nystatin(Mycostatin)	Low
Terbinafine(LamISIL)	Low
Tolnaftate(Tinactin)	Low

Dermatologicals-Antipsoriatics	Cost Index
Calcipotriene (Dovonex)	High
Coal Tar	Low
Selenium Sulfide	Low
Tazarotene (Tazorac, Avage)	High

Dermatologicals-Antiseborrheic Agents	Cost Index
Coal Tar	Low
Salicylic Acid-Sulfur	Low
Selenium Sulfide	Low
Sulfacetamide Sodium	Low

Dermatologicals-Antiseptics & Germicides	Cost Index
Chlorhexidine	Low
Povidone-Iodine (Betadine)	Low

Dermatologicals-Burn Agents	Cost Index
Bacitracin	Low
Silver SulfADIAZINE (Silvadene)	Low

Dermatologicals-Corticosteroids-Ultra High Potency	Cost Index
Betamethasone dipropionate, augmented (Diprolene A/F) - RESERVE USE	Low

Dermatologicals-Corticosteroids-Ultra High Potency	Cost Index
Clobetasol (Clobex, Cormax,Temovate) - RESERVE USE	Low-Moderate

Dermatologicals-Corticosteroids- High Potency	Cost Index
Betamethasone dipropionate (Diprolene)	Low
Fluocinonide	Low

Dermatologicals-Corticosteroids- Medium Potency	Cost Index
Betamethasone Valerate (Valisone)	Low-Moderate
Fluocinolone (Capex, Derma-Smooth/FS, Synalar)	Low-High
Triamcinolone	Low-Moderate

Dermatologicals-Corticosteroids- Low Potency	Cost Index
Desonide (Desowen, Tridesilon)	Low-High
Hydrocortisone (Lanacort, Corticaine)	Low

Dermatologicals-Diaper Rash Agents	Cost Index
Diaper Rash Ointment	Low
Diaper Rash Powder (Mexsana)	Low
Zinc Oxide	Low
Zinc Oxide-Petrolatum-Imidazolidinyl Urea (Diaperene)	Low

Dermatologicals-Emollients	Cost Index
Emollient Gel	Low
Emollient Lotion-Cream (Lubriderm, Keri Lotion, Cetaphil, Eucerin, Nutraderm)	Low
Emollient Ointment (Lanolin, Aquaphor)	Low

Dermatologicals-Keratolytics	Cost Index
Podophyllum Resin (Podocon-25)	High
Salicylic Acid All available salicylic acid products as a single agent are considered to be on formulary	Low-High
Urea	Low

Dermatologicals-Ointments	Cost Index
Petrolatum, White (Vaseline)	Low
Oxybenzone-PDO-Pet Hy-Phl (Vaseline Lip Therapy)	Low

Dermatologicals-Rubs and Liniments	Cost Index
Menthol	Low
Menthol-Methyl Salicylate (Ben-Gay)	Low

Dermatologicals-Skin Cleansers	Cost Index
Abrasive Cleanser (Brasivol, Pernox, Salac, Seba-Nil)	Low
Non-Soap Cleanser (Cetaphil)	Low
Salicylic Acid-Sulfur All commercially available salicylic acid sulfur forms are on formulary	Low

Dermatologicals-Scabicides & Pediculicides	Cost Index
Permethrin 1% Liquid (NIX)	Low
Permethrin 5% Cream (Elimite)	Low
Pyrethrins 0.33%-Piperonyl Butoxide 4% (Pronto, RID)	Low

Dermatologicals-Skin Protectants	Cost Index
Benzoin, Compound Tincture	Low
Menthol-Zinc Oxide (Calmoseptine, Risamine)	Low
Silver SulfADIAZINE (Silvadene)	Low

Dermatologicals-Skin Protectants	Cost Index
Zinc Oxide	Low

Dermatologicals-Sunscreens	Cost Index
Sunscreen-Block- Contains minimum SPF 15	Low

Dermatologicals-Tar-Containing Agents	Cost Index
Coal Tar	Low

Dermatologicals-Wound Agents	Cost Index
Collagenase (Santyl)	High
Trypsin-Balsam Peru-Castor Oil (Granulex, Revina)	Low
Wound Cleanser (Carrington Clara-Klenz)	Low

Miscellaneous Dermatologicals	Cost Index
Aluminum Chloride Hexahydrate (Drysol)	Low
Camphor-Phenol (Campho-Phenique)	Low
Hydrogen Peroxide	Low
Pimecrolimus (Elidel)	High
Silver Nitrate	Low
Tacrolimus (Protopic)	Moderate
Trypsin-Balsam Peru-Castor Oil (Granulex)	Low

Irrigation Solutions	Cost Index
Sodium Chloride Solution, irrigation: 0.45%, 0.9%	Moderate-High
Water for Irrigation	Low

Nutritional Agents

Vitamins	Cost Index
Ascorbic Acid (Vitamin C)	Low
Cyanocobalamin (Vitamin B ₁₂)	Low-High
Folic Acid (Vitamin B ₉ , Folate, Folvite)	Low
Pyridoxine (Vitamin B ₆)	Low-Moderate
Thiamine (Vitamin B ₁)	Low-Moderate
Vitamin A (Aquasol A)	Low
Vitamin D ₂ (Ergocalciferol, Calciferol, Drisdol)	Low-Moderate
Vitamin D ₃ (Cholecalciferol)	Low
1,25-dihydroxyvitamin D3 (Calcitriol, Rocaltrol)	Low
Vitamin E (Aquasol E)	Low

Minerals, Trace Elements, and Electrolytes	Cost Index
Calcium Carbonate (Os-Cal, Os-Cal chewable, Tums) - 40% elemental calcium	Low
Calcium Citrate (Citracal) 20% elemental calcium	Low
Ferrous Sulfate (Feosol, Fer-In-Sol) -20% elemental iron	Low
Magnesium L-lactate dihydrate (Mag-Tab SR)	Low
Potassium Chloride	Low
Sodium Chloride	Low
Zinc Sulfate	Low

Combination Products	Cost Index
Calcium Carbonate-Vitamin D ₃ (Os-Cal + D) 40% elemental calcium	Low
Calcium Citrate-Vitamin D ₃ (Citracal-D) 20% elemental calcium	Low
Iron salts with or without vitamins and/or other minerals (Hemocyte Plus, Niferex-150 Forte)	Low
Multivitamin (Unicap, Hexavitamins)	Low
Multivitamin-Minerals	Low
Multivitamins, Pediatric (Poly-Vi-Sol)	Low
Multivitamins, Prenatal	Low
Vitamin B Complex with or without other vitamins and/or minerals	Low

Miscellaneous nutritional agents	Cost Index
Fish Oil	Low
Glucosamine	Low
Levocarnitine (Carnitor)	Low
Melatonin	Low

Certification Process

Current Good Manufacturing Practices (CGMP): FDA ensures the quality of drug products by carefully monitoring drug manufacturer's compliance with its CGMP regulations. The CGMP regulations for drugs contain minimum requirements for the methods, facilities, and controls used in manufacturing, processing, and packing of a drug product. The regulations make sure that a product is safe for use, and that it has the ingredients and strength it claims to have. The approval process for new and generic drug marketing applications includes a review of the manufacturer's compliance with the CGMPs. FDA assessors and investigators determine whether the firm has the necessary facilities, equipment, and ability to manufacture the drug it intends to market.

<https://www.fda.gov/drugs/pharmaceutical-quality-resources/current-good-manufacturing-practice-cgmp-regulations>

Consumer Lab (CL): CL is a third-party group certifying the quality of dietary supplements. CL freely publishes its testing methods and quality criteria/standards.

Products are tested, whenever possible, for each of the following:

- Identity: Does the product meet recognized standards of identity and does the product meet the level of quality claimed on the label?
- Strength (quantity): Does the product contain the amount of ingredient claimed on the label?
- Purity: Is the product free of specified contaminants?
- Disintegration: Does the product break apart properly so that it may be used by the body?

These quality criteria must be met to be considered approved by CL. If a manufacturer seeks to use the CL Seal of Approval on the product, the product must be tested for these criteria every twelve months based on a random sample purchased on the open market.

<https://www.consumerlab.com/about/>

United States Pharmacopoeia (USP): USP is a nonprofit scientific organization founded in 1820 in Washington, D.C., that develops and disseminates public compendial quality standards for medicines and other articles. USP's mission is "to improve global health through public standards and related programs that help ensure the quality, safety, and benefit of medicines and foods." USP's primary compendia of standards are the United States Pharmacopeia and the National Formulary (USP-NF). USP standards may be adapted or adopted by any organization or government worldwide. USP has no role in enforcement; that is left to FDA and other government authorities in the U.S. and elsewhere.

Brands that display the USP Verified Mark signal to the public that what's on their label is what's in the bottle, allowing their vetted product to stand apart from a majority of the competition.

<https://www.usp.org/frequently-asked-questions/usp-and-its-standards>

Certification Process

National Sanitation Foundation (NSF): NSF International has been dedicated to protecting and improving global human health since 1944. Manufacturers, regulators and consumers look to NSF to facilitate the development of public health standards and provide certifications that help protect food, water, consumer products and the environment. As a global, independent organization, NSF standards team facilitates development of public health standards. NSF service teams test, audit and certify products and services. The NSF mark assures consumers, retailers and regulators that certified products have been rigorously tested to comply with all standard requirements.

<https://www.nsf.org/about-nsf>

Index

1

1,25-dihydroxyvitamin D3 82

5

50% in Water 49

A

Abilify 13, 39, 95

Abilify discmelt 39, 95

Abilify Maintena 13, 39, 95

Abrasive Cleanser 116

Acamprostate 36, 96

Acetaminophen 36, 90

Acetaminophen-Codeine 36, 89

Acetaminophen-HYDROcodone 36, 89

acetaZOLAMIDE 36, 86

Acetic Acid 36, 111

Acetic Acid-Hydrocortisone 36, 111

Acetylcysteine 36, 108

Actonel 74, 98

Actos 71, 84

Acyclovir 36, 106, 113

Adacel 50, 103

Adapalene 37, 112

Adderall 22, 38, 96

Adderall XR 22, 38, 96

Adenocard 28, 37, 87

Adenosine 28, 37, 87

Adrenalin 51, 88

Advair 55, 108

Afrin 69, 112

Akwa Tears 65, 71, 111

Albuterol 37, 107

Albuterol-Ipratropium 37, 107

Alcaine 73, 111

Aldactazide 77, 86

Aldactone 77, 86

Alendronate 37, 97

Allegra 53, 108

Allegra-D 54, 108

Allopurinol 37, 98

Alora 52, 97

Alphagan P	42, 109
ALPRAZolam	25, 37, 93
Altafluor Benox	54, 110
Aluminum Chloride Hexahydrate.....	37, 117
Aluminum Hydroxide.....	37, 98
Aluminum Hydroxide-Magnesium Hydroxide	37, 98
Aluminum Hydroxide-Magnesium Hydroxide-Simethicone	38, 98
Aluminum Hydroxide-Magnesium Trisilicate	37, 98
Amantadine	38, 91
Ambien	27, 83, 93
Ambien CR	27
Amikacin	38, 105
Amino Acid Injection	38, 106
Amino Acid Injection-Dextrose-Electrolytes	38, 106
Aminosyn	38, 106
Amiodarone	38, 87
Amitiza	62, 100
Amitriptyline	17, 34, 38, 88, 94
amLODIPine.....	38, 87
Amoxicillin	38, 103
Amoxicillin-Clavulanate	38, 104
Amoxil	38, 103

Amphetamine Mixed Salts	38, 96
Amphetamine Mixed Salts extended release	22
Amphetamine Mixed Salts immediate release	22
Ampicillin	38, 104
Anafranil.....	18, 46, 94
Analpram HC.....	72, 101
Androlan.....	78, 97
Antabuse	50, 97
Antara	53, 87
Antineoplastic Agents	39
Antivert	63, 91
Antiviral Agents	39
Anusol-HC.....	57, 101
Apixaban	39, 85
Aprodine.....	80, 109
Aquaphor.....	51, 115
Aquasol A	82, 118
Aquasol E	82, 118
Aricept	51, 92
ARIPIPrazole.....	13, 39, 95
ARIPIPrazole Extended Release	13
ARIPIPrazole lauroxil.....	13, 28
Aristada.....	13, 39, 95

Aristada Initio	13, 28, 39, 95
Arixtra	55, 85
Artane	80, 92
Artifical Tears.....	71, 111
Asacol HD.....	63, 101
Ascorbic Acid	39, 118
Asenapine	13, 39, 95
Aspirin	39, 85, 89
Aspirin-Acetaminophen-Caffeine	39, 89
Atarax.....	26, 58, 91, 93, 109
Atenolol	39, 87, 89
Ativan.....	25, 62, 90, 93
atoMOXetine	23, 39, 96
atorvaSTATin	39, 87
Atropine Sulfate	40, 110
Atrovent.....	59, 107
Augmentin.....	38, 104
Austedo	29, 48, 93
Avage	78, 112, 114
Avelox	66, 104
Azelastine.....	40, 112
Azilect.....	74, 92
Azithromycin.....	40, 104
Azulfidine	77, 101

B	
Bacid.....	60, 101
Bacitracin	40, 109, 113, 114
Bacitracin-Polymyxin B	40, 113
Baclofen	40, 92
Bactrim	77, 105
Bactroban	66, 113
Balanced Salt Solution Ophthalmic Irrigating Solution	40, 110
Banzel.....	75, 91
Beclomethasone	40, 108, 112
Beconase.....	40, 112
Belsomra	26
Benadryl.....	26, 50, 91, 93, 108, 113
Benazepril.....	40, 88
Ben-Gay	63, 116
Benicar.....	33, 68, 88
Bentyl	49, 99
BenzaClin	41, 112
Benzamycin	52, 112
Benzocaine	40, 111, 113
Benzodiazepines	35, 90, 93
Benzoin, Compound Tincture	40, 116
Benzonatate.....	41, 108

Benzoyl Peroxide	41, 112	Brasivol	116
Benzoyl Peroxide-Clindamycin	41, 112	Brexpiprazole	13, 42, 95
Benztropine	41, 92	Brimonidine	42, 109
Betadine.....	72, 114	Bromocriptine	42, 92
Betamethasone dipropionate	41, 115	Brompheniramine-Phenylephrine.....	42, 108
Betamethasone dipropionate, augmented.	28,	Brompheniramine-Pseudoephedrine..	42, 108
41		BSS	40, 110
Betamethasone Valerate.....	41, 115	Budeprion	42, 94
Betaxolol.....	41, 109	Budesonide	42, 108
Bethanechol.....	41, 102	Budesonide-Formoterol.....	42, 108
Betoptic S.....	41, 109	Buprenorphine.....	42, 96
Biaxin	46, 104	Buprenorphine-naloxone	42, 97
Bicillin LA	69, 104	buPROPion	17, 42, 94
Bimatoprost.....	41, 109	buPROPion SR	17
Binosto	37, 97	buPROPion XL.....	18
Bio Glo.....	54, 110	BuSpar	25, 42, 93
Biotene	75, 111	busPIRone	25, 42, 93
Bisacodyl.....	41, 100	C	
Bismatrol.....	42, 101	Caladryl.....	43, 113
Bismuth Subsalicylate	42, 101	Caladryl Clear.....	72, 113
Bleph-10	77, 110	Calamine Lotion	42, 113
Bonine	63, 91	Calamine-Pramoxine	43, 113
Boniva	58, 97	Calamine-Zinc Oxide-Glycerin	42, 113
Boostrix	50, 103	Calan	81, 87

Calciferol	52, 82, 118	Carbidopa-Levodopa.....	44, 92
Calcipotriene.....	43, 114	Carboxymethylcellulose	44
Calcitriol	82, 118	Cardizem	49, 87
Calcium Carbonate.....	43, 98, 118	Cariprazine	14, 44, 95
Calcium Carbonate-Vitamin D.....	119	Carnitor.....	60, 119
Calcium Carbonate-Vitamin D3	43	Carrington Clara-Klenz.....	82, 117
Calcium Citrate	43, 118	Carvedilol	44, 87
Calcium Citrate-Vitamin D.....	119	Catapres.....	23, 46, 88, 96
Calcium Citrate-Vitamin D3	43	ceFAZolin.....	44, 104
Calmoseptine	63, 116	Cefdinir	44, 104
Campho-Phenique	43, 117	Cefepime	44, 104
Camphor-Phenol.....	43, 117	Ceftin	44, 104
Campral	36, 96	cefTRIAXone	44, 104
Canagliflozin	43, 84	Cefuroxime Axetil.....	44, 104
Canasa.....	63, 101	CeleBREX.....	44, 89
Cannabidiol.....	28, 43, 91	Celecoxib	44, 89
Capex	54, 115	CeleXA	18, 45, 94
Caplyta	15, 62, 95	Cellulose.....	44, 100
Capoten	43, 88	Cepacol	40, 111
Captopril	43, 88	Cephalexin	44, 104
Carafate	77, 101	Cerebyx.....	55, 90
carBAMazepine.....	20, 34, 43, 91, 96	Cetaphil.....	51, 67, 115, 116
Carbamide Peroxide	43, 111	Cetirizine	44, 108
Carbatrol	20, 43, 91, 96	Cetirizine-Pseudoephedrine	45, 108

Chloraseptic.....	70, 111	Cleocin	46, 105
chlordiazepoxide	25, 45, 93	Cleocin T	46, 112, 113
Chlorhexidine.....	45, 111, 114	Climara	52, 97
Chlorpheniramine	45, 108	Clindamycin	46, 105, 112, 113
chlorpromazine	10, 11, 14, 45, 95	Clinimix E	38, 106
Chlorthalidone	45, 86	Clinoril	77, 89
Cholecalciferol.....	82, 118	cloBAZam	28, 35, 46, 90
Cholestyramine	45, 87	Clobetasol.....	28, 46, 115
Ciclopirox	45, 113	Clobex.....	46, 115
Ciloxan	45, 109	clomiPRAMINE	18, 46, 94
Cipro	45, 104	clonazePAM	25, 46, 90, 93
Cipro HC Otic	111	cloNIDine	23, 46, 88, 96
Cipro Otic	45	cloNIDine Extended Release	23
Ciprodex	45, 111	Clopidogrel.....	46, 85
Ciprofloxacin	45, 104, 109	Clorazepate.....	25, 46, 90, 93
Ciprofloxacin-Dexamethasone	45, 111	Clotrimazole.....	46, 102, 111, 113
Ciprofloxacin-Hydrocortisone	45, 111	Clotrimazole- Betamethasone dipropionate	47, 113
Citalopram.....	18, 45, 94	cloZAPine.....	14, 29, 34, 47, 95
Citracal	43, 118	Clozaril	14, 29, 47, 95
Citracal-D	43, 119	Coal Tar	47, 114, 117
Citrucel	64, 100	Cod Liver Oil-Zinc Oxide-Talc.....	47
Clarithromycin.....	46, 104	Cogentin.....	41, 92
Claritin.....	62, 109	Colace	50, 100
Claritin D.....	62, 109		

Colchicine	.....47, 90	Cytotec.....65, 101
Collagenase	.....47, 117	D
Co-Lyte	.....71, 100	Dantrium
Combivent	.....37, 107	.....47, 92
Compazine	.....73, 91	Dantrolene.....47, 92
Comtan	.....51, 92	Dapsone.....48, 106
Concerta	.....23, 64, 96	Darifenacin
Cordarone	.....38, 87	.....48, 102
Coreg	.....44, 87	DDAVP
Coreg CR	.....44, 87	.....48, 98
Cormax	.....46, 115	Debrox
Cortef	.....57, 98	.....43, 111
Corticaine	.....57	Deltason
Cortisporin	.....67, 111	.....73
Cosopt	.....79, 109	Deltasone
Coumadin	.....82, 85	.....98
Cozaar	.....62, 88	Denosumab.....48, 97
Creon	.....69, 101	Depakene
Crestor	.....75, 88	.....21, 81, 89, 91, 96
Cromolyn	.....47, 110	Depakote
Cyanocobalamin	.....47, 118	.....21, 50, 89, 91, 96
Cyclobenzaprine	.....47, 92	Depakote ER
Cymbalta	.....18, 51, 94	.....21, 50, 89
Cyproheptadine	.....47, 108	DEPO-Medrol
		.....64, 98
		Derma-Smooth/FS
		.....54, 115
		Desipramine.....18, 34, 48, 94
		Desitin
		.....47
		Desmopressin.....48, 98
		Desonide
		.....48, 115
		Desowen
		.....48, 115
		Desvenlafaxine
		.....18
		Desyrel.....19, 26, 80, 93, 94
		Detrol.....79, 102

Detrol LA	79, 102	Dicyclomine	49, 99
Deutetrabenazine	29, 48, 93	Differin	37, 112
Dexamethasone	48, 98, 110	Diflucan	54, 105
Dexedrine.....	22, 48, 96	Digoxin.....	49, 86
Dexedrine Spansule	22, 48, 96	Dilantin	70, 90
Dexmedetomidine.....	29, 48, 93	dilTIAZem	49, 87
Dexmethylphenidate XR	22, 48, 96	Dimetapp Children's Cold and Allergy	42, 108
Dextroamphetamine	22, 48	Diovan	81, 88
Dextroamphetamine XR.....	96	diphenhydrAMINE	10, 11, 26, 50, 91, 93, 108, 113
Dextromethorphan	48, 108	Diphtheria-Tetanus Toxoids Adsorbed	50, 103
Dextrose 5% in Ringer's Lactate .	49, 106	Diphtheria-Tetanus Toxoids Adsorbed for Adult Use	50, 103
Dextrose 5% in Water	49, 106	Diphtheria-Tetanus-Acellular Pertussis	50, 103
Dextrose 5%-Sodium Chloride Intravenous Solution	49, 106	Diprolene.....	41, 115
Dextrose 5%-Sodium Chloride- Potassium Chloride Intravenous Solution	49, 107	Diprolene A/F	28, 41, 114
Dextrose 50% in Water	107	Disulfiram	50, 97
Diamox	36, 86	Ditropan XL.....	69, 102
Diaper Rash Ointment	49, 115	Divalproex	21, 35, 50, 89, 91, 96
Diaper Rash Powder.....	49, 115	Docusate Calcium	50, 100
Diaperene.....	83, 115	Docusate Sodium	50, 100
Diastat.....	49, 90	Docusate Sodium-Sennosides	50, 100
diazepam.....	25, 49, 90, 92, 93	Dolophine	64, 89
Diclofenac Gel	49, 112	Donepezil.....	51, 92

DOPamine	29, 51, 88	Empagliflozin.....	51, 84
Dovonex.....	43, 114	Enablex	48, 102
Doxepin	18, 34, 51, 94	Enalapril	51, 88
Doxycycline	51, 104, 111	Engerix-B	57, 103
Drisdol	52, 82, 118	Enoxaparin.....	51, 85
Drysol.....	37, 117	Entacapone	51, 92
DT.....	50, 103	Enulose	60, 100
Dulcolax.....	41, 100	Epidiolex.....	28, 43, 91
DULoxetine.....	18, 51, 94	EPINEPPhrine.....	51, 85, 88
Duragesic.....	53	EpiPen.....	51, 85
Dyazide.....	80, 86	Epoetin alfa.....	29, 52, 86
E		Epogen.....	29, 52, 86
E.E.S.	52	Epsom Salt	62
Effexor.....	19, 81, 89, 94	Equetro	20, 43, 91, 96
Effexor XR	19	Ergocalciferol	52, 82, 118
Elavil	17, 38, 88, 94	Eryc	52
Eldepryl	75, 92	EryPed	52
Elidel	71, 117	Erythrocin	52
Elimite	70, 116	Erythromycin.....	52, 110
Eliquis	39, 85	Erythromycin base	52
EMLA	61, 113	Erythromycin Ethylsuccinate.....	52
Emollient Gel	51, 115	Erythromycin-Benzoyl Peroxide.....	52, 112
Emollient Lotion-Cream	51, 115	Escitalopram	18, 52, 94
Emollient Ointment	51, 115	Eskalith	20, 61, 96

Esketamine.....	29, 52, 95	Felbatol	29, 53, 91
Esomeprazole	52, 99	Fenofibrate	53, 87
Estrace	52, 97	fentaNYL.....	53
Estraderm	52, 97	Feosol	53, 86, 118
Estradiol.....	52, 97	Fer-In-Sol.....	53, 86, 118
Estrogen-medroxyPROGESTERone	52, 97	Ferro-Sequels.....	53, 86
Estrogens, Conjugated	52, 97	Ferrous Fumarate-Docusate Sodium ...	53, 86
Eszopiclone.....	26, 52, 93	Ferrous Sulfate	53, 86, 118
Ethambutol.....	53, 105	Fetzima	18
Ethionamide	53, 105	Fexofenadine.....	53, 108
Ethosuximide	34, 53, 90	Fexofenadine - Pseudoephedrine	54
Ethyl Chloride	53, 113	Fexofenadine-Pseudoephedrine	108
Eucerin	51, 115	Fibercon	71, 100
Evista	74, 98	Fiber-Lax	71, 100
Excedrine Migraine.....	39, 89	Filibon	66
Exelon	74, 92	Finasteride.....	54, 102
Exelon Patches.....	74, 92	Fish Oil.....	54, 119
Eye Stream.....	40, 110	Flagyl	65, 105
Ezetimibe	53, 87	Flomax	78, 102
F		Flonase	55, 112
Famotidine	53, 99	Florajen.....	60, 101
Fanapt	15, 30, 58, 95	Florastor.....	75, 101
Fazaclo	14, 29, 47	Flovent.....	55, 108
Felbamate	29, 53, 91	Fluconazole.....	54, 105

Fludrocortisone	54, 98	G
Fluocinolone	54, 115	Gabapentin
Fluocinonide	54, 115	78, 91
Fluorescein Sodium	54, 110	Galantamine.....
Fluorescein-benoxinate.....	54, 110	55, 92
Fluoride.....	54, 111	Gas-X.....
FLUoxetine	18, 54, 94	76, 99
fluPHENAZine.....	11, 14, 34, 54, 95	Gaviscon
fluPHENAZine Decanoate	14	37, 98
Fluticasone	55, 108, 112	Gentamicin
Fluticasone-Salmeterol	55, 108	55, 105, 110, 113
fluvoxaMINE	18, 55, 94	Geodon
Focalin XR	22, 48, 96	17, 83, 95
Folate	55, 118	glipiZIDE
Folic Acid.....	55, 118	56, 84
Folvite	55, 118	Glucagon
Fondaparinux	55, 85	56, 85
Fosamax	37, 97	Glucophage
Fosfomycin	55, 105	64, 84
Fosphenytoin	55, 90	Glucophage XR
FUL-GLO	54, 110	64, 84
Fulvicin	56, 105	Glucosamine
Furosemide.....	55, 86	56, 119
		Glucose, oral
		56, 85
		Glucotrol.....
		56, 84
		Glycerin.....
		56, 101
		Glycopyrrolate
		56, 99
		Gly-Oxide
		43, 111
		GoLYTELY
		71, 100
		Granulex.....
		80, 117
		Grifulvin V
		56, 105
		Griseofulvin.....
		56, 105
		Gris-Peg
		56, 105
		guaiFENesin
		56, 109

guaiFENesin-Codeine.....	56, 108	Homatropine	57, 110		
guaiFENesin-Dextromethorphan.....	56, 108	HumaLOG	58, 84		
guaiFENesin-Pseudoephedrine	57, 109	HumaLOG Mix 50/50	59, 84		
guanFACINE	24, 57, 96	HumaLOG Mix 75/25	59, 84		
guanFACINE Extended Release	24	HumuLIN	59, 84		
Gyne-Lotrimin	46, 102	hydrALAZINE.....	57, 88		
H					
Halcion.....	26, 80, 93	hydroCHLOROThiazide.....	57, 86		
Haldol	15, 57, 95	Hydrocortisone	57, 98, 115		
Haldol Decanoate	15	Hydrocortisone	101		
Haloperidol	10, 11, 15, 34, 57, 95	Hydrogen Peroxide.....	58, 111, 117		
Haloperidol Decanoate.....	15	hydrOXYzine	11, 26, 58, 91, 93, 109		
Havrix.....	57, 103	I			
HBIG	57, 103	Ibandronate	58, 97		
Hemocyte Plus	59, 119	Ibuprofen	58, 89		
Heparin.....	57, 85	Igalmi	29, 48, 93		
Hepatitis A Vaccine	57, 103	Iloperidone	15, 30, 58, 95		
Hepatitis A-Hepatitis B Vaccine	57, 103	Imipramine	18, 34, 58, 94		
Hepatitis B Immune Globulin	57, 103	Imitrex	77, 89		
Hepatitis B Virus Vaccine, Recombinant	57, 103	Imodium.....	62, 101		
Heplisav-B.....	57, 103	Inderal	24, 73, 87, 89		
Hetlioz	26	Influenza Virus Vaccine.....	58, 103		
Hexavitamins	66, 119	Ingrezza	33, 81, 93		
		INH.....	59, 105		
		Insulin, Aspart.....	58, 84		

Insulin, Combination (70/30)	58, 84	Isosorbide Dinitrate.....	59, 87
Insulin, Combination, lispro protamine suspension-insulin lispro	84	Isosorbide Mononitrate	59, 87
Insulin, Detemir	58, 84	Ivermectin	59, 106
Insulin, Glargine.....	58, 84	J	
Insulin, Lispro	58, 84	Januvia.....	76, 84
Insulin, lispro protamine suspension- insulin lispro	59	Jardiance	51, 84
Insulin, NPH.....	59, 84	K	
Insulin, Regular.....	59, 84	Kaopectate.....	42, 101
Intal	110	Kapvay	23, 46, 96
Intropin.....	29, 51, 88	Keflex	44, 104
Intuniv.....	24, 57, 96	Kefzol.....	44, 104
Invega	16, 69, 95	Keppra	60, 91
Invega Sustenna	16, 69, 95	Keri Lotion	51, 115
Invega Trinza.....	16, 33, 69, 95	Ketalar	30, 59, 95
Invokana.....	43, 84	Ketamine	30, 59, 95
Ipratropium	59, 107	Ketoconazole.....	59, 105, 114
Iron salts with or without vitamins and/or minerals	59, 119	Ketorolac	60, 89
Isoniazid	59, 105	Ketotifen	60, 110
Isoptin.....	81, 87	Khedezla	18
Isopto Atropine	40, 110	KlonoPIN	25, 46, 90, 93
Isopto Carpine	71, 109	Konsyl.....	73, 100
Isordil	59, 87	L	
		Labetalol.....	60, 87
		Lacosamide	35, 60, 91

Lactinex	60, 101	Levothyroxine	61, 98
Lactobacillus Acidophilus.....	60, 101	Levoxyl	61, 98
Lactulose.....	60, 100	Lexapro	18, 52, 94
LaMICtal.....	20, 60, 91, 96	Librium.....	25, 45, 93
LamISIL.....	78, 105, 114	Lidocaine	61, 111, 113
IamoTRIgine	20, 34, 60, 91, 96	Lidocaine-Prilocaine.....	61, 113
Lanacaine.....	40, 113	Lidoderm	61, 113
Lanacort.....	57	Linaclotide	30, 61, 100
Lanolin.....	51, 115	Linezolid	30, 61, 105
Lanoxin.....	49, 86	Linzess	30, 61, 100
Lansoprazole.....	60, 99	Lipitor	39, 87
Lantus	58, 84	Liraglutide	61, 84
Lasix.....	55, 86	Lisdexamfetamine	22, 30, 61, 96
Latanoprost	60, 109	Lisinopril.....	61, 88
Latuda	15, 62, 95	Lithium.....	20, 34, 96
Levalbuterol.....	60, 107	Lithium Carbonate.....	61
Levaquin	61, 104	Lithium Citrate	61
Levarterenol	32, 60, 68, 88	Lithobid	20, 61
Levemir.....	58, 84	Lofibra	53, 87
levETIRAcetam.....	35, 60, 91	Loperamide	62, 101
Levocarnitine	60, 119	Lopressor.....	64, 87, 89
levoFLOXacin	61, 104	Loprox.....	45, 113
Levomilnacipran	18	Loratadine	62, 109
Levophed	32, 60, 68, 88	Loratadine-Pseudoephedrine.....	62, 109

LORazepam	10, 11, 25, 62, 90, 93	Magnesium L-lactate dihydrate	62, 118
Lortab.....	36, 89	Magnesium Sulfate.....	62, 107
Losartan.....	62, 88	Mag-Tab SR	62, 118
Lotensin.....	40, 88	Maxipime.....	44, 104
Lotrimin	46, 113	Maxzide.....	80, 86
Lotrisone	47, 113	Measles-Mumps-Rubella Virus Vaccine, Live	63, 103
Lovaza	68, 88	Meclizine	63, 91
Lovenox	51, 85	Medrol.....	64, 98
Loxapine	15, 62, 95	medroxyPROGESTERone	63, 97
Loxitane.....	15, 62, 95	Megace.....	63, 97
Lubiprostone	62, 100	Megace ES	63, 97
Lubriderm.....	51, 115	Megestrol.....	63, 97
Lumateperone.....	15, 62, 95	Melatonin.....	63, 119
Lumigan.....	41, 109	Mellaril	16, 33, 78, 95
Luminal.....	70, 90	Meloxicam	63, 89
Lunesta.....	26, 52, 93	Memantine.....	63, 92
Lurasidone.....	15, 62, 95	Menthol	63, 116
Luvox	18, 55, 94	Menthol-Methyl Salicylate.....	63, 116
Lyrica	73, 91	Menthol-Zinc Oxide	63, 116
M		Mephyton	70, 85, 86
Maalox.....	37, 98	Meropenem.....	30, 63, 105
Macrodantin.....	67, 106	Merrem	30, 63, 105
Magnesium Citrate.....	62, 99	Mesalamine.....	63, 101
Magnesium Hydroxide	62, 99		

Metadata	23, 64, 96	Mineral Oil	65, 111
Metadata CD	64, 96	Mineral Oil-Petrolatum	65, 111
Metamucil	73, 100	Minipress	72, 93
metFORMIN	64, 84	Minocycline	65, 104
Methadone	31, 64, 89	Mirabegron	31, 65, 102
methIMAzole	64, 98	MiraLax	71, 100
Methocarbamol	64, 92	Mirapex	72, 92
Methylcellulose	64, 100	Mirtazapine	18, 65, 94
Methyldopa	64, 88	miSOPROStol	65, 101
Methylphenidate extended release	64, 96	MMR II	63, 103
Methylphenidate extended release osmotic release	23	Mobic	63, 89
Methylphenidate immediate release	23, 64	Mometasone	65, 112
Methylphenidate, extended release	23	Montelukast	65, 108
Methylphenidate, immediate release	96	Monurol	55, 105
methylPREDNISolone	64, 98	Morphine	65, 89
Metoclopramide	64, 91, 99	Motrin	58, 89
Metoprolol	64, 87, 89	Moxeza	32, 66, 110
MetroGel	65, 112, 113	Moxifloxacin	32, 66, 104, 110
metroNIDAZOLE	65, 105, 112, 113	Mucinex	56, 109
Meksana	49, 115	Mucinex D	57, 109
Miconazole	65, 102, 114	Multivitamin	66, 119
Midazolam	65, 90, 93	Multivitamin, Prenatal	66, 119
Milk of Magnesia	62, 99	Multivitamin-Minerals	66, 119
		Multivitamins, Pediatric	66, 119

Mupirocin	66, 113	Neomycin	67, 105
Myambutol	53, 105	Neomycin-Polymyxin B-Bacitracin....	67, 113
Mycobutin.....	74, 106	Neomycin-Polymyxin B-Hydrocortisone ...	67, 111
Mycostatin.....	68, 105, 114	Neo-Synephrine.....	70, 110, 112
Mydriacyl.....	80, 110	Neurontin	55, 91
Mylanta.....	38, 98	Neutra-Phos-K.....	72
Myrbetriq	31, 65, 102	NexIUM	52, 99
Mysoline.....	73, 90	Niacin	67, 87
N		Nicoderm	67, 97
Nabumetone	32, 66, 89	Nicorette	67, 97
Nafcillin.....	66, 104	Nicotine	67, 97
Naloxone.....	32, 66, 85	NIFEdipine	67, 87
Naltrexone.....	24, 32, 66, 97	Niferex-150.....	59
Naltrexone microspheres	24, 32, 66, 97	Niferex-150 Forte.....	59, 119
Namenda	63, 92	Nitrofurantoin.....	67, 106
Naphazoline	66, 110	Nitroglycerin	67, 87
Naprosyn.....	67, 89	NIX.....	70, 116
Naproxen	67, 89	Nizoral	59, 105, 114
Narcan	32, 66, 85	Non-Soap Cleanser	67, 116
Nardil	19, 70, 93	Norepinephrine.....	32, 60, 68, 88
Nasacort	80, 112	Noritate	65, 112, 113
Nasonex.....	65, 112	Normodyne	60, 87
Navane	17, 78, 95	Norpramin	18, 48, 94
Nayzilam	65, 90		

Nortriptyline	18, 34, 68, 94	OXcarbazepine	21, 35, 69, 91, 96
Norvasc.....	38, 87	Oxybenzone-PDO-Pet Hy-Phl	69, 116
NovoLIN.....	59, 84	Oxybutynin	69, 102
NovoLOG.....	58, 84	oxyCODONE	69, 90
Nutraderm.....	51, 115	OxyCONTIN.....	69, 90
Nystatin	68, 105, 111, 114	Oxymetazoline.....	69, 112
O		Ozempic	75, 84
OLANZapine.....	10, 11, 15, 34, 68, 95	P	
OLANZapine pamoate.....	16, 33	P.P.D.....	81, 103
Olmesartan.....	33, 68, 88	Pacerone	38, 87
Olopatadine	68, 110	Paliperidone	16, 69, 95
Omega-3-acid ethyl esters	68, 88	Paliperidone palmitate	16, 33
Omeprazole	68, 99	Pamelor.....	18, 68, 94
Omnicef	44, 104	Pancreaze	69, 101
Omnipen	38, 104	Pancrelipase.....	69, 101
Ondansetron.....	68, 91	Pantoprazole	69, 99
Onfi	28, 46, 90	Parnate	19, 79, 94
Oracit	76, 102	PARoxetine	18, 69, 94
Orajel	40, 111	Patanol.....	68, 110
Os-Cal	43, 98, 118	Paxil	18, 69, 94
Os-Cal + D	43, 119	PEG	71, 100
Os-Cal chewable.....	43, 98, 118	penicillin G Benzathine.....	69, 104
Oseltamivir.....	68, 106	penicillin V Potassium	69, 104
Oxazepam	25, 68, 93	Penlac	45, 113

Pentam	33, 70, 106	Pimecrolimus.....	71, 117
Pentamidine.....	33, 70, 106	Pioglitazone	71, 84
Pentasa.....	63, 101	Piperacillin-Tazobactam	71, 104
Pen-Vee K	69, 104	Plavix	46, 85
Pepcid.....	53, 99	Pneumococcal Vaccine, Conjugate	71, 103
Pepto-Bismol	42, 101	Pneumococcal Vaccine, Polyvalent ...	71, 103
Periactin.....	47, 108	Pneumovax 23.....	71, 103
Peri-Colace	50, 100	Podocon-25.....	71, 116
Peridex	45, 111	Podophyllum Resin	71, 116
PerioMed	54, 111	Polycarbophil.....	71, 100
Permethrin	70, 116	Polycillin	38, 104
Pernox	116	Polyethylene Glycol	71, 100
Perphenazine	16, 34, 70, 95	Polyethylene Glycol Electrolyte Solution ..	71, 100
Petrolatum, White.....	70, 116	Polymox	38, 103
Phazyme	76, 99	Polymyxin B-Bacitracin	71, 110
Phenazopyridine	70, 101	Polymyxin B-Trimethoprim	71, 110
Phenelzine	19, 70, 93	Polysporin.....	40, 71, 110, 113
Phenergan	73, 91	Polytrim.....	71, 110
PHENobarbital	34, 70, 90	Polyvinyl Alcohol	71, 111
Phenol	70, 111	Poly-Vi-Sol.....	66, 119
Phenylephrine	70, 101, 110, 112	Potassium Chloride.....	71, 118
Phenytoin	34, 70, 90	Potassium Citrate.....	72, 102
Phytanadione	70, 85, 86	Potassium Citrate Combinations	72, 102
Pilocarpine.....	71, 109		

Potassium Iodide	72, 109	Primidone	73, 90
Potassium Phosphate	72	Prinivil	61, 88
Povidone-Iodine	72, 114	Pristiq	18
Pramipexole.....	72, 92	ProAir Respiclick	37, 107
Pramoxine	72, 113	Procardia	67, 87
Pramoxine-Hydrocortisone.....	72, 101	Procardia XL.....	67, 87
Pramoxine-Zinc.....	72, 113	Prochlorperazine	73, 91
Prandin	74, 84	Procrit	29, 52, 86
Pravachol	72, 87	Proctofoam-HC	57, 101
Pravastatin	72, 87	Prolia	48, 97
Prazosin	72, 93	Prolixin	14, 54, 95
Pred Forte	72, 111	Prolixin Decanoate	14
Pred Mild	72, 111	Promethazine	73, 91
prednisoLONE	72, 98, 111	Pronto	74, 116
predniSONE	73, 98	Proparacaine	73, 111
Pregabalin	35, 73, 91	Propranolol	24, 73, 87, 89
Premarin	52, 97	Propylthiouracil.....	73, 98
Premphase	52, 97	Proscar.....	54, 102
PremPro	52, 97	Protonix.....	69, 99
Preparation H.....	70, 101	Protopic.....	77, 117
Prevacid	60, 99	Protriptyline	19
Prevnar 13.....	71, 103	Proventil.....	37, 107
Prevnar 20	71, 103	Provera	63, 97
PriLOSEC.....	68, 99	PROzac.....	18, 54, 94

Pseudoephedrine	73, 109	Remeron SolTab	65, 94
Psyllium	73, 100	Renagel	75, 102
Pulmicort.....	42, 108	Repaglinide	74, 84
Pyrazinamide	73, 105	Restoril.....	26, 78, 93
Pyrethrins 0.33%-Piperonyl Butoxide 4% ..	74, 116	Retin-A.....	80, 112
Pyridium.....	70, 101	ReVia	24, 32, 66, 97
Pyridoxine	74, 118	Revina.....	80, 117
Q		Rexulti	13, 42, 95
QUEtiapine	16, 74, 95	RID	74, 116
QVAR Redihaler	40, 108	Rifabutin.....	74, 106
R		Rifadin	74, 106
Raloxifene	74, 98	rifAMPin.....	74, 106
Ramelteon	26	Risamine	63, 116
raNITIdine	74, 99	Risedronate.....	74, 98
Rasagiline.....	74, 92	RisperDAL.....	16, 74, 95
Razadyne	55, 92	RisperDAL Consta	16, 74, 95
Reclast.....	83, 98	RisperDAL M-Tab	16, 74, 95
Recombivax HB	57, 103	risperiDONE	16, 74, 95
Refresh Lacrilube.....	65, 111	Ritalin	23, 64, 96
Reglan	64, 91, 99	Ritalin XR.....	23, 64, 96
Relafen	32, 66, 89	Rivaroxaban.....	74, 85
Relenza.....	82, 106	Rivastigmine	74, 92
Remeron	18, 65, 94	Robaxin	64, 92
		Robinul.....	56, 99

Robitussin	56, 109	Senokot.....	75, 100
Rocaltrol	82, 118	Serax	25, 68, 93
Rocephin	44, 104	Serevent.....	75, 107
Rosuvastatin.....	75, 88	SEROquel	16, 74, 95
Rowasa	63, 101	Sertraline	19, 75, 94
Rozerem	26	Sevelamer	75, 102
Rufinamide	35, 75, 91	Shingrix.....	83, 103
Rybelsus	75, 84	Silvadene.....	76, 114, 116
Rynex PSE.....	42, 108	Silver Nitrate.....	76, 117
S		Silver SulfADIAZINE	76, 114, 116
Saccharomyces boulardii	75, 101	Simethicone	76, 99
Salac	116	Simvastatin.....	76, 88
Salicylic Acid.....	75, 116	Sinemet.....	44, 92
Salicylic Acid-Sulfur	75, 112, 114, 116	SINEquan	18, 51, 94
Saliva Substitute	75, 111	Singulair.....	65, 108
Salmeterol.....	75, 107	SITagliptin	76, 84
Sani-Supp	56, 101	Sodium Bicarbonate	76, 102
Santyl.....	47, 117	Sodium Chloride	76, 101, 107, 108, 111, 112, 117, 118
Saphris	13, 39, 95	Sodium Chloride Intravenous Solution....	76, 107
Seba-Nil.....	116	Sodium Citrate-Citric Acid	76, 102
Selegiline	75, 92	Sodium Polystyrene Sulfonate.....	76, 85
Selenium Sulfide	75, 114	solifenacin	76, 102
Semaglutide	75, 84	SOLU-Medrol	64, 98
Senna	75, 100		

Sorbitol	77, 100	Synthroid.....	61, 98
Spiriva	79, 107	T	
Spironolactone	77, 86	Tacrolimus	77, 117
Spironolactone-hydroCHLORothiazide.	77, 86	Tamiflu.....	68, 106
Spravato	29, 52, 95	Tamoxifen.....	77, 85
SSKI.....	72, 109	Tamsulosin	78, 102
Stelazine	17, 80, 95	Tapazole.....	64, 98
Stimate.....	48, 98	Tasimelteon	26
Strattera	23, 39, 96	Tazarotene.....	78, 112, 114
Stromectol.....	59, 106	Tazorac	78, 112, 114
Suboxone.....	42, 97	Td.....	50, 103
Subutex	42, 96	Tdap	50, 103
Sucralfate.....	77, 101	TEGretol	20, 43, 91, 96
Sudafed	73, 109	TEGretol XR	20, 43, 91, 96
Sulfacetamide Sodium.....	77, 110, 112, 114	Temazepam	26, 78, 93
Sulfamethoxazole-Trimethoprim	77, 105	Temovate	28, 46, 115
sulfaSALAzine	77, 101	Tenex.....	24, 57, 96
Sulindac.....	77, 89	Tenormin.....	39, 87, 89
SUMAtriptan	77, 89	Terbinafine.....	78, 105, 114
Sunscreen-Block.....	77, 117	Testosterone	78, 97
Surfak.....	50, 100	Tetracycline	78, 104
Suvorexant.....	26	Tetrahydrozoline.....	78, 110
Symbicort.....	42, 108	Tetrahydrozoline-Zinc Sulfate	78, 110
Synalar	54, 115	Thiamine	78, 118

Thioridazine	16, 33, 34, 78, 95	traMADol	79, 90
Thiothixene.....	17, 78, 95	Tranxene	25, 46, 90, 93
Thorazine	14, 45, 95	Tranylcypromine	19, 79, 94
tiaGABine	35, 78, 91	Travatan Z.....	79, 109
Tigan	80, 91	Travoprost	79, 109
Timolol.....	78, 109	traZODone	19, 26, 80, 93, 94
Timolol-Dorzolamide	79, 109	Trecator	53, 105
Timoptic.....	78, 109	Tretinoin.....	80, 112
Timoptic XE	78, 109	Triamcinolone.....	80, 112, 115
Tinactin.....	79, 114	Triamterene-hydroCHLORothiazide.....	80, 86
Tioconazole.....	79, 102	Triazolam.....	26, 80, 93
Tiotropium.....	79, 107	Tricor	53, 87
tiZANidine	33, 79, 92	Tridesilon.....	48, 115
TobraDex	79, 111	Trifluoperazine.....	17, 80, 95
Tobramycin.....	79, 105, 110	Triglide.....	53, 87
Tobramycin-Dexamethasone	79, 111	Trihexyphenidyl	80, 92
Tobrex	79, 110	Trilafon.....	16, 70, 95
Tofranil	18, 58, 94	Trileptal.....	21, 69, 91, 96
Tolnaftate.....	79, 114	Trimethobenzamide.....	80, 91
Tolterodine	79, 102	Trintellix	19
Topamax	79, 89, 91, 96, 97	Triple Antibiotic Ointment.....	67, 113
Topiramate	35, 79, 89, 91, 96, 97	Triprolidine-Pseudoephedrine.....	80, 109
Toprol XL.....	64, 87, 89	Tropicamide	80, 110
Toradol	60, 89	Trospium	80, 102

Trypsin-Balsam Peru-Castor Oil 80, 117
Tuberculin, Purified Protein Derivative 81, 103
Tums 43, 98, 118
Twinrix 57, 103
Tylenol 36, 90

U

Ultram 79, 90
Unicap 66, 119
Unifiber 44, 100
Urea 81, 116
Urecholine 41, 102
Urocit K 72, 102

V

Vagifem 52, 97
valACYclovir 81, 106
Valbenazine 33, 81, 93
Valisone 41, 115
Valium 25, 49, 90, 92, 93
Valproic Acid/Valproate ... 21, 35, 81, 89, 91, 96
Valsartan 81, 88
Valtrex 81, 106
Vancocin 81, 105
Vancomycin 81, 105

Vaqta 57, 103
Varicella Virus Vaccine, Live 81, 103
Varivax 81, 103
Vaseline 70, 116
Vaseline Lip Therapy 69, 116
Vasotec 51, 88
V-Cillin K 69, 104
Venlafaxine 19, 81, 89, 94
Ventolin 37, 107
Verapamil 81, 87, 89
Verelan 81, 87, 89
Verelan PM 81, 87, 89
Versacloz 14, 29, 47
Versed 65, 93
Vesicare 76, 102
Vibramycin 51, 104
Vicodin 36, 89
Vicodin ES 36, 89
Victoza 61, 84
Vigamox 32, 66, 110
Viibryd 19
Vilazodone 19
Vimpat 60, 91
Viscous Lidocaine 111

Visine A.C.....	78, 110	Vyvanse	22, 30, 61, 96
Visine Allergy Relief	78, 110	W	
Visine Moisturizing	78, 110	Warfarin	82, 85
Vistaril	26, 58, 91, 93, 109	Water for Injection.....	82, 107
Vitamin A	82, 118	Water for Irrigation	82, 101, 117
Vitamin A&D Topical.....	82	Wellbutrin	17, 42, 94
Vitamin B Complex	82, 119	Wellbutrin SR	17
Vitamin B1	78, 118	Wellbutrin XL.....	18
Vitamin B12.....	47, 118	Wound Cleanser.....	82, 117
Vitamin B3.....	67, 87	X	
Vitamin B6	74, 118	Xalatan.....	60, 109
Vitamin B9.....	55, 118	Xanax	25, 37, 93
Vitamin C.....	39, 118	Xanax XR.....	37, 93
Vitamin D2	82, 118	Xarelto	74, 85
Vitamin D3	82, 118	Xopenex	60, 107
Vitamin E	82, 118	Xylocaine.....	61, 113
Vitamin K1	70, 85, 86	Z	
Vivactil.....	19	Zaditor	60, 110
Vivelle.....	52, 97	Zanaflex	33, 79, 92
Vivitrol	24, 32, 66, 97	Zanamivir	82, 106
Voltaren Gel.....	49, 112	Zarontin	53, 90
Vortioxetine	19, 33, 82, 95	Zenzedi	22, 48, 96
VoSol HC.....	36, 111	Zestril	61, 88
Vraylar.....	14, 44, 95	Zetia	53, 87

Zinc Oxide	83, 115, 117	Zonisamide	35, 83, 91
Zinc Oxide-Petrolatum-Imidazolidinyl Urea	83, 115	Zoster Vaccine- Recombinant, Adjuvanted	83, 103
Zinc Sulfate	83, 118	Zosyn.....	71, 104
Ziprasidone.....	10, 12, 17, 83, 95	Zovirax.....	36, 106, 113
Zithromax	40, 104	Zyban	42, 94
Zocor.....	76, 88	Zyloprim.....	37, 98
Zofran.....	68, 91	ZyPREXA	15, 68, 95
Zofran ODT.....	68, 91	ZyPREXA Relprevv	16, 33, 68
Zoledronic Acid	83, 98	ZyPREXA Zydis	15, 68
Zoloft.....	19, 75, 94	ZyrTEC	44, 108
Zolpidem.....	27, 83, 93	ZyrTEC D	45, 108
Zolpidem extended release	27	Zyvox.....	30, 61, 105
Zonegran	83, 91		

Appendix A. New Drug Application Form

Texas HHSC Psychiatric Executive Formulary Committee

NEW DRUG APPLICATION FORM

For consideration of inclusion into the HHSC Psychiatric Drug Formulary

Date: _____

Name of practitioner submitting the application: _____

Name of entity with which the practitioner is associated by employment or contract (i.e., state hospital, state supported living center, state center, or local authority (state-operated community services (SOCS) or community MHMR center)): _____

Information regarding new drug	
Therapeutic Classification	
Generic Name	
Trade Name(s)	
Manufacturer(s)	
Dosage Form(s)	
Average Wholesale Price	

Evidence to substantiate the efficacy and safety of the proposed new drug: _____

Explain the advantages of this drug over those listed in the formulary: _____

State which drugs this new drug would replace or supplement: _____

application is approved

signature of chairman of facility pharmacy and therapeutics committee

OR

application is appropriate and complete

signature of clinical/medical director or designee OR PEFC member submitting application

Section 306.357 of HHSC rules governing the use and maintenance of the *HHSC Psychiatric Drug Formulary* (26 TAC, Part 1, Chapter 306, Subchapter G) describes the procedures for applying to have a drug added to the formulary, which are:

(1) Any member of the PEFC, any service system component* practitioner, or any contract practitioner may apply to have a drug added to the HHSC Psychiatric Drug Formulary by completing the New Drug Application form found in the HHSC Psychiatric Drug Formulary on the HHSC Psychiatric Formulary website.

(2) Include the following with the New Drug Application form:

(A) published articles in biomedical literature that substantiate the efficacy and safety of the proposed drug;

(B) information on the advantages of the proposed drug compared with similar formulary drugs;

(C) a list of formulary drugs that the proposed drug would replace or supplement; and

(D) cost effectiveness data.

(b) Submitting the application.

(1) An HHSC facility** practitioner or HHSC facility contract practitioner shall submit the application to the facility's pharmacy and therapeutics committee for approval. If the committee approves the application, the committee forwards the application to the PEFC.

(2) A non-facility service system component practitioner or non-facility service system component contract practitioner shall submit the application to the component's clinical/medical director or designee who determines if the application is appropriate and complete, and if so, shall forward the application to the PEFC.

(3) A member of the PEFC shall submit the application directly to the PEFC.

(c) Considering the application. The PEFC considers the drug application and shall:

(1) approve the proposed drug's inclusion and, if appropriate, approve audit criteria and recommend dosage guidelines;

(2) approve the proposed drug on a trial basis for a specified period of time;

(3) approve the proposed drug as a reserve drug, with guidelines;

(4) postpone the decision until a later meeting; or

(5) deny the proposed drug's inclusion.

* The term "service system component" refers to HHSC, an HHSC facility, and a local authority.

** The term "facility" refers to a facility operated by HHSC, including state hospitals and state supported living centers.

Appendix B. PEFC Conflict of Interest Policy

Policy

The HHSC Psychiatric Executive Formulary Committee (PEFC) must ensure balance, independence, objectivity and scientific rigor in determining which drugs should be on the formulary and their use in special populations. It is the policy of the PEFC to prohibit any apparent or actual conflict of interest. As such, each member of the PEFC, individuals preparing drug monographs, each requesting practitioner, and those appointed to work groups that report to the PEFC shall abide by this policy and submit a Conflict of Interest Disclosure Statement. The intent of this disclosure is not to prevent those with a significant financial interest or other relationship from participating in the formulary process, but rather to provide information to committee members and to the public so that conflicts can be resolved prior to the decision making process. It remains for the members of the committee to determine whether the individual's interests or relationships may influence them with regard to exposition or conclusions. A conflict of interest for these purposes includes any situation in which a Committee member, individual preparing a drug monograph, individual submitting a request to the PEFC, work group member or a first degree relative of said person has a private or personal interest sufficient to appear to influence the objective exercise of his/her duties for the agency. An apparent conflict of interest is one in which a reasonable person would think that the person's judgment is potentially compromised.

All committee members, individuals submitting drug monographs, individuals requesting drugs for addition to the formulary, and work group members are expected to disclose any financial interest or other relationship with (a) the manufacturer(s) of any commercial product and/or provider of commercial services for drugs on the formulary or being considered for the formulary (b) any commercial support for these drugs. Significant financial interest or other relationship can include such things as grants or research support, employee, consultant, major stockholder, member of speaker's bureau, etc. The disclosure shall include any conflict of interest of a first degree relative.

PEFC members shall also abide by the HHS Ethics Policy.

Definitions

"Companies" – includes pharmaceutical and biotechnology companies.

"Compensation" - includes direct and indirect remuneration or royalties, and may also include, among other things, items and services at reduced prices, or with discounts or rebates.

"Controlling Interest" - a direct or indirect ownership or beneficial interest, individually or in conjunction with members of your family, which permits election or selection of a majority of the governing body of a company and/or which permits the exercise of control over the affairs of such company.

"Financial Interest" – a direct or indirect, through business, investment or family:

(a) Ownership Interest or investment interest in a company;

(b) Compensation arrangement with a company or any of its affiliates; or

(c) Ownership Interest or investment interest in, or compensation arrangement with, any company or individual with which that company or any of its affiliates is negotiating a transaction or arrangement.

"First Degree Relative" – spouse, parent, siblings, children

"Gifts" or "Gratuities" - includes, among other things, meals, entertainment or recreational items, subsidies given *directly* to a healthcare professional for continuing medical education (CME), educational (i.e., anatomical models) and non-educational and practice-related items (i.e., items that do not advance disease or treatment education).

"Ownership Interest" - owning or controlling directly, indirectly, or beneficially through such person's family, in excess of five percent (5%) of the total value of all securities of a Company.

Procedure

1. Committee members shall submit Disclosure Statements at least annually and as needed as their situation changes. See Appendix C for the "HHSC Psychiatric Executive Formulary Committee Disclosure Form."
2. Individuals submitting requests for addition to the formulary or completing drug monographs shall submit the "HHSC Psychiatric Executive Formulary Committee Disclosure Form" along with the New Drug Application or drug monograph, respectively.
3. Members of work groups appointed by the PEFC shall submit Disclosure Statements no later than the first meeting and then annually if the work group exists for more than a year. The work group shall forward each work group members' conflict of interest to the PEFC for their review.
4. A review of committee members' conflict of interest shall be completed for all individuals present at each meeting. This information shall be documented in the minutes of each meeting.
5. Each facility Pharmacy and Therapeutics Committee or similarly functioning committee is encouraged to adopt a similar policy.
6. New Drug Applications submitted without the HHSC Psychiatric Executive Formulary Committee Disclosure Form will be considered incomplete and returned to the requestor.
7. Failure to disclose will result in written notification and may be reported to the individual's facility. The determination of the action shall be based on the nature on the non-disclosure.

Determining Conflict of Interest: Committee members present at the meeting shall determine if a conflict of interest exists and if it exists, the degree of conflict. The degree of conflict shall be determined based on the involvement of the individual with the manufacturer(s) as well as the role the individual plays within the Committee membership or meeting. For example, conflicts by an individual preparing a monograph for presentation at a meeting maybe viewed differently than a Committee member voting on a formulary addition.

Determination of conflict of interest is not limited to the manufacturer of the drug in the New Drug Application but shall include all relationships with manufacturers. For example, individuals

shall be identified with a conflict of interest for any activities related to the products of any manufacturer that paid them, and any competing products.

Action Taken for Conflict of Interest: Action taken to minimize bias from the individual identified as having a conflict of interest shall be based on the individual's role and relationship to the committee and the degree of conflict. Actions taken may include but are not limited to:

Committee Member identified with a significant conflict of interest

- Removal from the room during the discussion and voting on a formulary addition
- Removal from the Committee
- Having no communication with other committee members regarding the specific New Drug Application prior to any deliberations and voting.

Individual completing a monograph that is identified with a significant conflict of interest

- Identifying the specific conflict in relationship regarding the monograph verbally prior to and after the presentation of the monograph at the meeting
- Identifying the specific conflict in relationship regarding the monograph in writing at the end of monograph
- Not allowing the individual to develop a monograph

Individual submitting a New Drug Application that is identified with a significant conflict of interest

- Declining to review the New Drug Application request

Identification of conflict of interest and action taken regarding conflict of interest shall be documented in the minutes.

This policy applies to members of work groups as appointed by PEFC. Work groups will follow the same procedure and consequences for reporting, determining and action taken for conflict of interest.

Appendix C. PEFC Disclosure Form

HHSC Psychiatric Executive Formulary Committee (PEFC) Disclosure Form

Name: _____

Date: _____

Facility: _____

Member of Executive Formulary Committee?	Yes _____	No _____
Member of EFC-appointed work group?	Yes _____	No _____
Submitting a New Drug Application (NDA)?	Yes _____	No _____
Did anyone from industry ask you to submit the NDA?	Yes _____	No _____
Preparing the Drug Monograph?	Yes _____	No _____

I have read the HHSC Psychiatric Executive Formulary Committee policy on conflicts of interest. In agreement with this policy, I hereby disclose the following for the past 12 months regarding my relationship or relationship of my first degree relatives:

I have no conflicts of interest to disclose

Or

The following is a list of my potential conflicts of interest:

Person	Company	Consultant	Grant Research	Speaker's Bureau/ Advisory Board	Major Stockholder	Other (e.g. meals, gifts, travel, etc.)

Attach an additional sheet describing your potential conflict of interest.

I have made all of the required disclosures. I understand that it is my continuing obligation to provide disclosure of potential conflicts of interest. If I become aware of any specific conflicts, or if there is a change in my professional activities, financial interests, or employment, I will submit an additional disclosure form in accordance with HHSC Psychiatric Executive Formulary Committee policies.

Signature _____

Date _____

Date Reviewed by HHSC Psychiatric Executive Formulary Committee _____

Appendix D. Non-Formulary Drug Justification Form

Non-Formulary Drug Justification

Facility/Component: _____

Drug
Name

(Generic)	(Trade)	(Strength)	(AHFS Therapeutic Class)
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The purpose of the *Formulary* is to ensure that the treatments available to THHSC consumers are consistent with need, effectiveness, risk, and cost. Exceptions to the *Formulary* are limited to the three categories listed below.

This request is for:

- an individual patient treatment course. Is this chronic or acute therapy?
- more than one patient/course of therapy. It is estimated that _____ patients will be treated with this drug. Is this chronic or acute therapy?

Reason for request:

- An illness for which no *Formulary* drug is as safe or effective.
- A trial supply in anticipation of application to *Formulary*.
- To prevent interruption of course of therapy established prior to admission.

Quantity Ordered	Cost/unit	Total Purchase Cost	*Estimate Course Chronic Cost per Month	*Estimate Course Acute Cost

- Alternative drugs are available on the *Texas HHS Drug Formulary*.

Attending Physician (signature)

Date

Was the drug ordered yes or no?

AGREE

DISAGREE

Pharmacy Director or designee (signature)

Date

APPROVED

DISAPPROVED

EMERGENCY

Facility clinical/medical director's
approval must be obtained within
three working days

Facility clinical/medical director or designee
(signature)

Date