
PAIN

Initial Pain Management

Acetaminophen (Tylenol®)
Choline Magnesium Trisalicylate (Trilisate®)
Diclofenac (Voltaren®)
Ibuprofen (Motrin®)
Nabumetone (Relafen®)

Moderate Pain

Codeine w/Acetaminophen (Tylenol® w/Codeine)
Hydrocodone w/Acetaminophen (various formulations)
Morphine Sulfate IR (MSIR®, Roxanol®)
Oxycodone IR (OxyIR®, Oxyfast®)
Oxycodone w/Acetaminophen (5/325mg tablets, 5/500 capsules)

Severe Pain

Fentanyl Transdermal (Duragesic®)*
Hydromorphone (Dilaudid®)
Methadone (Dolophine®)[excludes 40mg tablets]
Morphine Sulfate IR (MSIR®, Roxanol®)
Morphine Sulfate SR (MS Contin®, Kadian®)
Oxycodone IR (OxyIR®, Oxyfast®)

Neuropathic Pain

Amitriptyline (Elavil®)
Capsaicin (Zostrix®)
Carbamazepine (Tegretol®)
Clonazepam (Klonopin®)
Clonidine (Catapres®)
Desipramine (Norpramin®)
Dexamethasone (Decadron®)
Dextromethorphan (Delsym®)
Gabapentin (Neurontin®)
Lidocaine (Lidoderm® patch)
Lidocaine (Xylocaine® gel)
Methadone (Dolophine®)
Methylprednisolone (Medrol®)
Mexiletine (Mexitil®)
Nortriptyline (Pamelor®)
Prednisone
Valproic Acid (Depakene®)

Bone Pain

Aspirin
Choline Magnesium Trisalicylate (Trilisate®)
Dexamethasone (Decadron®)
Diclofenac (Voltaren®)
Ibuprofen (Motrin®)
Methylprednisolone (Medrol®)
Nabumetone (Relafen®)
Naproxen (Aleve®, Naprosyn®)
Prednisone

PALLIATIVE SEDATION

Chlorpromazine (Thorazine®)
Haloperidol (Haldol®)
Lorazepam (Ativan®)
Phenobarbital

PARKINSON'S DISEASE

Amantadine (Symmetrel®)
Benzotropine Mesylate (Cogentin®)
Bromocriptine (Parlodel®)
Carbidopa/Levodopa (Sinemet®, Sinemet® CR)
Diphenhydramine (Benadryl®)
Entacapone (Comtan®)
Entacapone/Carbidopa/Levodopa (Stalevo®)
Pramipexole (Mirapex®)
Trihexyphenidyl (Artane®)

PRURITUS

Chlorpheniramine (Chlor-Trimeton®)
Cyproheptadine (Periactin®)
Dexamethasone (Decadron®)
Diphenhydramine (Benadryl®)
Hydroxyzine (Atarax®, Vistaril®)
Methylprednisolone (Medrol®)
Prednisone

RESPIRATORY DISEASE

All agents included under Dyspnea**Additional agents**

Albuterol & Ipratropium MDI (Combivent®)
Fluticasone/Salmeterol Diskus (Advair®)
Salmeterol Diskus (Serevent®)
Theophylline (various formulations)

SECRETIONS

Atropine Ophthalmic Drops 1% (for SL administration)
Glycopyrrolate (Robinul®)
Guaifenesin IR (Organidin® NR)
Guaifenesin Syrup (Robitussin®)
Hyoscyamine (Levsin®)
Scopolamine Transdermal (Transderm Scop®)
Sodium Chloride Inhalation

SEIZURES

Carbamazepine (Tegretol®)
Clonazepam (Klonopin®)
Dexamethasone (Decadron®)

Diazepam (Valium®)
Divalproex Sodium (Depakote®)
Gabapentin (Neurontin®)
Lorazepam (Ativan®)
Phenobarbital
Phenytoin (Dilantin®)
Valproic Acid (Depakene®)

URINARY INCONTINENCE

Urge Incontinence

Desipramine (Norpramin®)*
Nortriptyline (Pamelor®)*
Oxybutynin IR (Ditropan®)
Oxybutynin transdermal (Oxytrol®)*
Tolterodine LA (Detrol® LA)*

Stress Incontinence

Desipramine (Norpramin®)
Nortriptyline (Pamelor®)
Overflow Incontinence
Doxazosin (Cardura®)

Mixed Incontinence – therapy should be geared towards predominant symptoms

Hospice Pharmacia (HP) MEDICATION LIST BY SYMPTOM

Hospice Pharmacia's Medication Use Guidelines (MUGs®) provide clinical recommendations for therapies and medications and an evidence-based framework for symptoms commonly experienced at the end-of-life.

The following is a list of commonly prescribed medications included in the MUGs®, sorted by symptom. Medications listed below are for oral administration, unless otherwise indicated and are in alphabetical order by generic name. Please refer to the MUGs 9th edition, for a *complete list* of symptoms and medications, including formulations, routes of administration and dosage. Brand name medications are included in this document for reference purposes only. Medications marked with an asterisk (*) indicate a restricted or second line medication.

Please note that medications must be used to palliate symptoms related to the patient's terminal diagnosis and it is essential that a HP pharmacist is consulted by a clinician in the hospice to determine inclusion into or exclusion from the per diem. There may be situations where a therapy that is effective for an individual patient falls outside the MUGs and therefore, the per diem. The ultimate decision of hospice benefit coverage lies with the hospice.

AGITATION/DELIRIUM

Chlorpromazine (Thorazine®)
Haloperidol (Haldol®)
Lorazepam (Ativan®)
Quetiapine (Seroquel®) *
Risperidone (Risperdal®)*

Calcium channel blockers

Diltiazem (Cardizem®)
Diltiazem CD (Cardizem® CD)
Verapamil (Calan®)
Verapamil SR (Calan® SR)

Additional agents

Amiodarone (Cordarone®)
Aspirin
Digoxin (Lanoxin®)
Disopyramide (Norpace®)
Propafenone (Rythmol®)
Warfarin (Coumadin®)

ANXIETY

Alprazolam (Xanax®)
Clonazepam (Klonopin®)
Diazepam (Valium®)
Hydroxyzine (Atarax®)
Lorazepam (Ativan®)
Oxazepam (Serax®)

ARRHYTHMIAS

Beta-blockers

Atenolol (Tenormin®)
Metoprolol (Lopressor®, Toprol XL®)
Propranolol (Inderal®)

ASCITES/EDEMA

Bumetanide (Bumex®)
Furosemide (Lasix®)
Hydrochlorothiazide tablets (HCTZ)
Metolazone (Zaroxolyn®)
Spironolactone (Aldactone®)



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QUESTIONS?

Please contact Hospice Pharmacia: 1-877-882-7820

Disclaimer: This document is intended for information purposes only. It is not intended as legal or clinical advice and does not replace medical advice or care. The patient's status and symptoms should be evaluated by a qualified medical professional prior to considering initiation, continuation or alterations in therapy.

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CACHEXIA

Dexamethasone (Decadron®)
Megestrol Acetate Suspension (Megace®)*

CHRONIC STABLE ANGINA

Angiotensin-converting enzyme inhibitors

Captopril (Capoten®)
Enalapril (Vasotec®)
Fosinopril (Monopril®)
Lisinopril (Prinivil®, Zestril®)
Beta-blockers
Atenolol (Tenormin®)
Metoprolol (Lopressor®, Toprol XL®)

Calcium channel blockers

Amlodipine (Norvasc®)
Diltiazem CD (Cardizem® CD)
Diltiazem SR (Cardizem® SR)
Verapamil SR (Calan® SR)

Nitrates

Isosorbide Dinitrate (Isordil®)
Isosorbide Mononitrate (Imdur®, Ismo®)
Nitroglycerin 2% ointment (Nitro-Bid®)
Nitroglycerin ER capsules
Nitroglycerin SL tablets (Nitro-quick®)
Nitroglycerin Transdermal (Nitro-Dur®)

CONSTIPATION

Bisacodyl (Dulcolax®)
Citrate of Magnesia
Docusate Sodium (Colace®)
Glycerin suppositories (Glycerin®)
Lactulose (Enulose®)
Milk of Magnesia
Senna (Senokot®)
Senna/Docusate Sodium (Senokot-S®)
Sodium Phosphate Monohydrate; Sodium Phosphate Dibasic Anhydrous (Fleet®) enema
Sorbitol 70% Solution

COUGH

Benzonatate (Tessalon Perles®)
Guaifenesin IR (Organidin® NR)
Guaifenesin Syrup (Robitussin®)
Guaifenesin/Codeine (Guiatuss® AC)
Guaifenesin/Codeine/Pseudoephedrine (Cheratussin DAC)
Guaifenesin/Dextromethorphan Syrup (Robitussin® DM)
Guaifenesin/Pseudoephedrine (Mucinex® D)
Guaifenesin/phenylephrine/dextromethorphan (Robitussin®CF)
Guaifenesin/pseudoephedrine/dextromethorphan (Robitussin® D)
Hydrocodone/Homatropine (Hycodan®)
Promethazine (Phenergan®)
Promethazine/Codeine (Phenergan® w/Codeine)
Promethazine/Dextromethorphan (Prometh® w/ DM)
Promethazine/Phenylephrine (Prometh® VC plain)

DEMENTIAS

Aggressive symptoms

Carbamazepine (Tegretol®)
Trazodone (Desyrel®)

Hallucinations and psychosis

Quetiapine (Seroquel®)
Risperidone (Risperdal®)

DEPRESSION

Amitriptyline (Elavil®)
Desipramine (Norpramin®)
Escitalopram (Lexapro®)
Fluoxetine (Prozac®)
Methylphenidate IR (Ritalin®)
Mirtazepine (Remeron®)
Nortriptyline (Pamelor®)
Sertraline (Zoloft®)
Trazodone (Desyrel®)

DIARRHEA

Bismuth Subsalicylate Suspension (Kaopectate®)
Cholestyramine (Questran®)
Diphenoxylate/Atropine (Lomotil®)
Loperamide (Imodium®)
Metronidazole (Flagyl®) (C.Diff)
Morphine, Camphorated (Paregoric®)

DYSPEPSIA

Aluminum Hydroxide (Amphogel®)
Aluminum Hydroxide/Magnesium Hydroxide (Maalox®/Mylanta®)
Famotidine (Pepcid®)
Metoclopramide (Reglan®)
Omeprazole (Prilosec®)
Ranitidine (Zantac®)
Simethicone (Mylicon®)

DYSPNEA

Anxiolytics

Diazepam (Valium®)
Lorazepam (Ativan®)

Opioids

Morphine IR (MSIR®, Roxanol®)
Morphine Sulfate SR (MS Contin®, Kadian®)
Oxycodone IR (OxylR®, Oxyfast®)

Bronchodilators

Albuterol MDI or inhalation (Proventil HFA®, Ventolin HFA®)
Ipratropium bromide MDI or inhalation (Atrovent HFA®)

Corticosteroids, inhaled

Beclomethasone dipropionate (Qvar®)
Triamcinolone (Azmacort®)

Corticosteroids, oral

Dexamethasone (Decadron®)
Methylprednisolone (Medrol®)
Prednisone

END-STAGE CEREBROVASCULAR ACCIDENT

Prophylaxis

Aspirin
Warfarin (Coumadin®)

Post-Stroke Pain

Amitriptyline (Elavil®)
Gabapentin (Neurontin®)

GASTROINTESTINAL SYMPTOMS - Primary or Metastatic Gastric, Pancreatic, or Esophageal Cancers

Reflux (GERD)

Famotidine (Pepcid®)
Omeprazole (Prilosec®)
Rabeprazole (Aciphex®)
Ranitidine (Zantac®)
Sucralfate (Carafate®)

Active GI Bleed

Famotidine (Pepcid®)
Omeprazole (Prilosec®)
Rabeprazole (Aciphex®)
Ranitidine (Zantac®)

Malabsorption (due to Pancreatic Cancer)

Pancreatic Enzyme Supplement (various formulations)

GENITOURINARY SYMPTOMS

Belladonna/Opium (B&O Suppettes®)
Benzocaine Ointment
Hydrocortisone (Cortaid®, Anucort®-HC)
Hyoscyamine (Levsin®)
Hyoscyamine SR (Levbid®)
Oxybutynin IR (Ditropan®)
Phenazopyridine (Pyridium®)

HEART FAILURE

Angiotensin converting enzyme inhibitors

Captopril (Capoten®)
Enalapril (Vasotec®)
Fosinopril (Monopril®)
Lisinopril (Prinivil®, Zestril®)

Beta-blockers

Carvedilol (Coreg®, Coreg CR™)
Metoprolol (Lopressor®, Toprol XL®)

Diuretics – all agents listed under Ascites/Edema section

Additional Agents

Amiodarone (Cordarone®)
Aspirin
Digoxin (Lanoxin®)
Disopyramide (Norpace®)
Hydralazine (Apresoline®)
Isosorbide Dinitrate (Isordil®)
Isosorbide Mononitrate (Imdur®, Ismo®)
Warfarin (Coumadin®)

HICCUPS

Baclofen (Lioresal®)
Chlorpromazine (Thorazine®)
Haloperidol (Haldol®)
Metoclopramide (Reglan®)
Valproic Acid (Depakene®)

INSOMNIA

Alprazolam (Xanax®)
Chloral Hydrate
Clonazepam (Klonopin®)
Diazepam (Valium®)
Diphenhydramine (Benadryl®)
Hydroxyzine (Atarax®, Vistaril®)
Lorazepam (Ativan®)
Oxazepam (Serax®)
Temazepam (Restoril®)
Trazodone (Desyrel®)
Zolpidem (Ambien®)

MICROBIAL INFECTIONS* ANTIMICROBIALS ARE RESTRICTED TO SPECIFIC GUIDELINES

E.g. Pneumonia, UTI
Amoxicillin (Amoxil®)
Amoxicillin/Clavulanic Acid Potassium (Augmentin®)
Azithromycin (Zithromax®)
Bacitracin topical ointment

Cefpodoxime (Vantin®)
Cefuroxime (Ceftin®)
Cephalexin (Keflex®)
Ciprofloxacin (Cipro®)
Clindamycin (Cleocin®)
Clotrimazole (Lotrimin®, Mycelex® Troche)
Dicloxacillin (Dynapen®)
Doxycycline (Vibramycin®)
Erythromycin DR (E-Mycin®)
Fluconazole (Diflucan®)
Levofloxacin (Levaquin®)
Metronidazole (Flagyl®)
Neomycin/Bacitracin/Polymixin B ointment (Neosporin®)
Nystatin (Mycostatin®)
Penicillin VK (Veetids®)
Silver Sulfadiazine cream 1% (Silvadene®)
Sulfamethoxazole/Trimethoprim (Bactrim™, Bactrim™ DS)

MUSCLE SPASMS

Baclofen (Lioresal®)
Carisoprodol (Soma®)
Cyclobenzaprine (Flexeril®)
Diazepam (Valium®)

NAUSEA/VOMITING

Dexamethasone (Decadron®)
Metoclopramide (Reglan®)
Prochlorperazine (Compazine®) [excludes SR]
Promethazine (Phenergan®)

ORAL CONDITIONS

Lidocaine Viscous 2%
Phenol Spray (Chloraseptic®)
Saliva Substitute
Sodium Chloride Inhalation 0.9%
Sodium Chloride Nasal Spray (Ocean® Nasal Spray)