



Institute for
Safe Medication
Practices

Oral Dosage Forms That Should Not Be Crushed



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John F. Mitchell, PharmD, FASHP¹

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Wall charts may be purchased by contacting
Facts and Comparisons (800-223-0554)
<http://www.factsandcomparisons.com/hospitalpharm/>

Drug Product	Dosage Form	Dosage Reasons/Comments ²
Accutane	Capsule	Mucous membrane irritant
Aciphex	Tablet	Slow-release
Actiq	Lozenge	Slow-release Note: this lollipop delivery system requires the patient to slowly allow dissolution
Actonel	Tablet	Irritant Note: chewed, crushed, or sucked tablets May cause oropharyngeal irritation
Adalat CC	Tablet	Slow-release
Adderall XR	Capsule	Slow-release (a)
AeroHist Plus	Tablet	Slow-release (h)
Allegra-D	Tablet	Slow-release
Allfen Jr	Tablet Capsule	Slow-release Slow-release (a)
Alpophen	Tablet	Enteric-coated
Alprazolam ER	Tablet	Slow-release
Altoprev	Tablet	Slow-release
Ambien CR	Tablet	Slow-release

Amrix	Capsule	Slow-release
Aptivus	Capsule	Note: oil emulsion within spheres; taste
Aquatab C	Tablet	Slow-release (h)
Aquatab D	Tablet	Slow-release (h)
Arthrotec	Tablet	Enteric-coated
Asacol	Tablet	Slow-release
Ascriptin A/D	Tablet	Enteric coated
Azulfidine EN-tabs	Tablet	Enteric-coated
Augmentin XR	Tablet	Slow-release (b,h)
Avinza	Capsule	Slow-release (a; not pudding)
Avodart	Capsule	Note: drug may cause fetal abnormalities; women who are, or may become, pregnant, should not handle capsules; all woman should use caution in handling capsules, especially leaking capsules
Bayer Enteric-coated	Caplet	Enteric-coated
Bayer Low Adult	Tablet	Enteric-coated
Bayer Regular Strength	Caplet	Enteric-coated
Bellahist-D LA	Tablet	Slow-release
Biaxin-XL	Tablet	Slow-release
Bidhist	Tablet	Slow-release
Bidhist-D	Tablet	Slow-release
Biltricide	Tablet	Taste (h)
Biohist LA	Tablet	Slow-release (h)
Bisac-Evac	Tablet	Enteric-coated (c)
Bisacodyl	Tablet	Enteric-coated (c)
Bisa-Lax	Tablet	Enteric-coated (c)

Boniva	Tablet	Irritant: do not chew or suck Note: Potential for oropharyngeal ulceration
Bromfed PD	Capsule	Slow-release
Budeprion SR	Tablet	Slow-release
Calan SR	Tablet	Slow-release (h)
Carbatrol	Capsule	Slow-release (a)
Cardene SR	Capsule	Slow-release
Cardizem	Tablet	Note: although not described as slow release in the PI, the drug has a coating that is intended to release the drug over a period of approximately 3 hours
Cardizem CD	Capsule	Slow-release
Cardizem LA	Tablet	Slow-release
Cardura XL	Tablet	Slow-release
Cartia XT	Capsule	Slow-release
Cefaclor Extended-Release	Tablet	Slow-release
Ceftin	Tablet	Taste (b) Note: use suspension for children
Cefuroxime	Tablet	Taste (b) Note: use suspension for children
Charcoal Plus	Tablet	Enteric-coated
Chlor-Trimeton 12-Hour	Tablet	Slow-release (b)
Cipro XR	Tablet	Slow-release
Claritin-D 12 Hour	Tablet	Slow-release
Claritin-D 24 Hour	Tablet	Slow-release
Colace	Capsule	Taste (e)
Colestid	Tablet	Slow-release

Concerta	Tablet	Slow-release
Commit	Lozenge	Note: integrity compromised by chewing or crushing
Cotazym-S	Capsule	Enteric-coated (a)
Covera-HS	Tablet	Slow-release
Creon 5, 10, 20	Capsule	Slow-release (a)
Crixivan	Capsule	Taste Note: capsule may be opened and mixed with fruit puree (e.g., banana)
Cymbalta	Capsule	Slow-release (a); may add to apple juice
Cytoxan	Tablet	Note: drug may be crushed but company recommends using injection
Cytovene	Capsule	Skin irritant
Dallergy	Tablet	Slow-release (b, h)
Dallergy - JR	Capsule	Slow-release
Deconamine SR	Capsule	Slow-release (b)
Depakene	Capsule	Slow-release mucous membrane irritant (b)
Depakote	Tablet	Slow-release
Depakote ER	Tablet	Slow-release
Detrol LA	Capsule	Slow-release
Dilacor XR	Capsule	Slow-release
Dilatrate-SR	Capsule	Slow-release
Dilt-CD	Capsule	Slow-release
Dilt-XR	Capsule	Slow-release
Diltia XT	Capsule	Slow-release
Ditropan XL	Tablet	Slow-release
Divalproex ER	Tablet	Slow-release

Doxidan	Tablet	Enteric-coated (c)
DriHist SR	Tablet	Slow-release (h)
Drisdol	Capsule	Liquid filled (d)
Drixoral Allergy Sinus	Tablet	Slow-release
Drixoral Cold/Allergy	Tablet	Slow-release
Drixoral Nondrowsy	Tablet	Slow-release
Droxia	Capsule	NOTE: exposure to the powder may cause serious skin toxicities; healthcare workers should wear gloves to administer
Drysec	Tablet	Slow-release (h)
Dulcolax	Tablet	Enteric-coated (c)
Dulcolax	Capsule	Liquid-filled
DuraHist	Tablet	Slow-release (h)
DuraHist D	Tablet	Slow-release (h)
DynaCirc CR	Tablet	Slow-release
Duraphen II DM	Tablet	Slow-release (h)
Duraphen Forte	Tablet	Slow-release (h)
Duratuss	Tablet	Slow-release (h)
Duratuss A	Tablet	Slow-release (h)
Dynex	Tablet	Slow-release (h)
Easprin	Tablet	Enteric-coated
EC-Naprosyn	Tablet	Enteric-coated
Ecotrin Adult Low Strength	Tablet	Enteric-coated
Ecotrin Maximum Strength	Tablet	Enteric-coated

Ecotrin Regular Strength	Tablet	Enteric-coated
Ed A-Hist	Tablet	Slow-release (b)
E.E.S. 400	Tablet	Enteric-coated (b)
Effer-K	Tablet	Effervescent tablet (f)
Effervescent Potassium	Tablet	Effervescent tablet (f)
Effexor XR	Capsule	Slow-release (a) Note: the company recommends no smaller than 14-16 French N/G tubes
Efidac/24 Pseudoephedrine	Tablet	Slow-release
Efidac/24	Tablet	Slow-release
E-Mycin	Tablet	Enteric-coated
Enablex	Tablet	Slow-release
Entex LA	Capsule	Slow-release (b)
Entex PSE	Capsule	Slow-release
Entocort EC	Capsule	Enteric-coated (a)
Equetro	Capsule	Slow-release (a)
Ergomar	Tablet	Sublingual form (g)
Ery-Tab	Tablet	Enteric-coated
Erythrocin Stearate	Tablet	Enteric-coated
Erythromycin Base	Tablet	Enteric-coated
Erythromycin Delayed-Release	Capsule	Enteric-coated Pellets (a)
Evista	Tablet	Taste
ExeFen PD	Tablet	Slow-release (h)
Extendryl JR	Capsule	Slow-release
Extendryl SR	Capsule	Slow-release (b)

Feen-a-mint	Tablet	Enteric-coated (c)
Feldene	Capsule	Mucous membrane irritant
Fentora	Tablet	Note: buccal tablet; swallow whole
Feosol	Tablet	Enteric-coated (b)
Feratab	Tablet	Enteric-coated (b)
Fergon	Tablet	Enteric-coated
Fero-Grad 500 mg	Tablet	Slow-release
Ferro-Sequels	Tablet	Slow-release
Flagyl ER	Tablet	Slow-release
Fleet Laxative	Tablet	Enteric-coated (c)
Flomax	Capsule	Slow-release
Focalin XR	Capsule	Slow-release (a)
Fosamax	Tablet	Mucous membrane irritant
Geocillin	Tablet	Taste
Gleevec	Tablet	Taste (h) Note: may be dissolved in water or apple juice
Glipizide	Tablet	Slow-release
Glucophage XR	Tablet	Slow-release
Glucotrol XL	Tablet	Slow-release
Glumetza	Tablet	Slow-release
Guaifed	Capsule	Slow-release
Guaifed-PD	Capsule	Slow-release
Guaifenesin/Pseudoephedrine	Tablet	Slow-release
Guaifenex DM	Tablet	Slow-release (h)
Guaifenex GP	Tablet	Slow-release

Guaifenex PSE	Tablet	Slow-release (h)
GuaiMAX-D	Tablet	Slow-release
Halfprin 81	Tablet	Enteric-coated
Heartline	Tablet	Enteric-coated
H 9600 SR	Tablet	Slow-release
Hista-Vent DA	Tablet	Slow-release (h)
Hydrea	Capsule	NOTE: exposure to the powder may cause serious skin toxicities; healthcare workers should wear gloves to administer
Imdur	Tablet	Slow-release (h)
Inderal LA	Capsule	Slow-release
Indocin SR	Capsule	Slow-release (a,b)
Innopran XL	Capsule	Slow-release
Intelence	Tablet	Note: tablet should be swallowed whole and not crushed; tablet may be dispersed in water
Invega	Tablet	Slow-release
Isochron	Tablet	Slow-release
Isoptin SR	Tablet	Slow-release (h)
Isordil Sublingual	Tablet	Sublingual form (g)
Isosorbide Dinitrate Sublingual	Tablet	Sublingual form (g)
Isosorbide SR	Tablet	Slow-release
Kadian	Capsule	Slow-release (a) Note: do give via N/G tubes
Kaletra	Tablet	Film-coated
Kaon CL-10	Tablet	Slow-release (b)

Keppra	Tablet	Taste Note: some extemporaneous formulas are Pharmacy prepared
Keppra XR	Tablet	Slow-release
Ketek	Tablet	Slow-release (b)
Klor-Con	Tablet	Slow-release (b)
Klor-Con M	Tablet	Slow-release (b, h)
Klotrix	Tablet	Slow-release
K-Lyte	Tablet	Effervescent tablet (f)
K-Lyte CL	Tablet	Effervescent tablet (f)
K-Lyte DS	Tablet	Effervescent tablet (f)
K-Tab	Tablet	Slow-release (b)
Lescol XL	Tablet	Slow-release
Levbid	Tablet	Slow-release (h)
Levsinex Timecaps	Capsule	Slow-release
Lialda	Tablet	Slow-release
Lipram 4500	Capsule	Enteric-coated (a)
Lipram PN 10, 16, 20	Capsule	Enteric-coated, slow-release (a)
Lipram UL 12, 18, 20	Capsule	Enteric-coated, slow-release (a)
Liquibid-PD	Tablet	Slow-release (h)
Lithobid	Tablet	Slow-release
Lodrane 24	Capsule	Slow-release
Lodrane 24D	Capsule	Slow-release
LoHist 12 Hour	Tablet	low-release
Luvox CR	Capsule	Slow-release
Maxifed DM	Tablet	Slow-release (h)

Maxifed DMX	Tablet	Slow-release (h)
Maxiphen DM	Tablet	Slow-release (h)
Medent-DM	Tablet	Slow-release
Mestinon Timespan	Tablet	Slow-release (b)
Metadate ER	Tablet	Slow-release
Metadate CD	Capsule	Slow-release (a)
Methylin ER	Tablet	Slow-release
Metoprolol ER	Tablet	Slow-release
Micro K Extendcaps	Capsule	Slow-release (a,b)
Miraphen PSE	Tablet	Slow-release
Modane	Tablet	Enteric-coated (c)
Morphine sulfate ER	Tablet	Slow-release
Motrin	Tablet	Taste (e)
Moxatab	Tablet	Slow-release
MS Contin	Tablet	Slow-release (b)
Mucinex	Tablet	Slow-release
Mucinex DM	Tablet	Slow-release
Muco-Fen-DM	Tablet	Slow-release (h)
Myfortic	Tablet	Slow-release
Naprelan	Tablet	Slow-release
Nasatab LA	Tablet	Slow-release (h)
Nexium	Capsule	Slow-release (a)
Niaspan	Tablet	Slow-release
Nicotinic Acid	Capsule, Tablet	Slow-release (h)
Nifediac CC	Tablet	Slow-release

Nifedical XL	Tablet	Slow-release
Nifedipine ER	Tablet	Slow-release
Nisoldipine ER	Tablet	Slow-release
NitroQuick	Tablet	Sublingual route (g)
Nitrostat	Tablet	Sublingual route (g)
Norpace CR	Capsule	Slow-release form within a special capsule
Ondrox	Tablet	Slow-release
Opana ER	Tablet	Slow-release Note: tablet disruption may cause a potentially fatal overdose of oxymorphone
Oracea	Capsule	Slow-release
Oramorph SR	Tablet	Slow-release (b)
OxyContin	Tablet	Slow-release Note: tablet disruption may cause a potentially fatal overdose of oxycodone
Palcaps (all)	Capsule	Enteric-coated (a)
Pancrease MT	Capsule	Enteric-coated (a)
Pancrecarb MS	Capsule	Enteric-coated (a)
Pancrelipase	Capsule	Enteric-coated (a)
Panocaps	Capsule	Enteric-coated (a)
Panocaps MT	Capsule	Enteric-coated (a)
Paxil CR	Tablet	Slow-release
Pentasa	Capsule	Slow-release
PhenaVent D	Tablet	Slow-release (h)
PhenaVent LA	Capsule	Slow-release
Plendil	Tablet	Slow-release

Pre-Hist-D	Tablet	Slow-release (h)
Prevacid	Capsule	Slow-release
Prevacid SoluTab	Tablet	Orally disintegrating Note: do not swallow; dissolve in water only and dispense via dosing syringe or NG tube
Prevacid Suspension	Suspension	Slow-release Note: contains enteric-coated granules; mix with water only; not for use in NG tubes
Prilosec	Capsule	Slow-release
Prilosec OTC	Tablet	Slow-release
Pristiq	Tablet	Slow-release
Procardia XL	Tablet	Slow-release
Profen II	Tablet	Slow-release (h)
Profen II DM	Tablet	Slow-release (h)
Profen Forte	Tablet	Slow-release (h)
Profen Forte DM	Tablet	Slow-release (h)
Propecia	Tablet	Note: women who are, or may become, pregnant, should not handle crushed or broken tablets
Proquin XR	Tablet	Slow-release
Proscar	Tablet	Note: women who are, or may become, pregnant, should not handle crushed or broken tablets
Protonix	Tablet	Slow-release
Prozac Weekly	Tablet	Enteric-coated
Pseudo CM TR	Tablet	Slow-release (h)
Pseudovent	Capsule	Slow-release (a)
Pseudovent 400	Capsule	Slow-release (a)
Pseudovent DM	Tablet	Slow-release (h)

Pseudovent-PED	Capsule	Slow-release (a)
Pytest	Capsule	Note: radiopharmaceutical
QDALL	Capsule	Slow-release
QDALL AR	Capsule	Slow-release
Ralix	Tablet	Slow-release (h)
Ranexa	Tablet	Slow-release
Razadyne ER	Capsule	Slow-release
Renagel	Tablet	Note: tablets expand in liquid if broken or crushed
Requip XL	Tablet	Slow-release
Rescon	Tablet	Slow-release (h)
Rescon JR	Tablet	Slow-release (h)
Rescon MX	Tablet	Slow-release (h)
Respa-1st	Tablet	Slow-release (h)
Respa-DM	Tablet	Slow-release (h)
Respahist	Capsule	Slow-release (a)
Respaire 120 SR	Capsule	Slow-release
Respaire 60 SR	Capsule	Slow-release
Resperdal M-Tab	Tablet	Orally disintegrating Note: do not chew or break tablet; after dissolving under tongue, tablet may be swallowed
Revlimid	Capsule	Note: Teratogenic potential; healthcare workers should avoid contact with capsule contents/body fluids
Ritalin LA	Capsule	Slow-release (a)
Ritalin SR	Tablet	Slow-release
R-Tanna	Tablet	Slow-release

Rythmol SR	Capsule	Slow-release
Seroquel XR	Tablet	Slow-release
Simcor	Tablet	Slow-release
Sinemet CR	Tablet	Slow-release (h)
SINUvent PE	Tablet	Slow-release (h)
Slo-Niacin	Tablet	Slow-release (h)
Solodyn	Tablet	Slow-release
Somnote	Capsule	Liquid filled
Sprycel	Tablet	film-coated Note: active ingredients are surrounded by a wax matrix to prevent healthcare exposure; women who are, or may become, pregnant, should not handle crushed or broken tablets
Stahist	Tablet	Slow-release
Stavzor	Capsule	Slow-release
Strattera	Capsule	Note: capsule contents can cause ocular irritation
Sudafed 12 hour	Capsule	Slow-release (b)
Sudafed 24 hour	Capsule	Slow-release (b)
Sular	Tablet	Slow-release
Symax Duotab	Tablet	Slow-release
Symax SR	Tablet	Slow-release
Taztia XT	Capsule	Slow-release (a)
Tegretol-XR	Tablet	Slow-release
Temodar	Capsule	Note: If capsules are accidentally opened or damaged, rigorous precautions should be taken to avoid inhalation or contact of contents with the skin or mucous membranes (i)

Tessalon Perles	Capsule	Note: swallow whole; temporary local anesthesia of the oral mucosa and choking could occur
Theo-24	Capsule	Slow-release Note: contains beads that dissolve throughout the GI tract
Tiazac	Capsule	Slow-release (a)
Topamax	Tablet Capsule	Taste Taste (a, b)
Toprol XL	Tablet	Slow-release (h)
Touro CC-LD	Tablet	Slow-release (h)
Touro LA-LD	Tablet	Slow-release (h)
Tracleer	Tablet	Note: women who are, or may become, pregnant, should not handle crushed or broken tablets
Trental	Tablet	Slow-release
Treximet	Tablet	Slow-release
Trilipix	Capsule	Slow-release
Tylenol Arthritis	Tablet	Slow-release
Ultram ER	Tablet	Slow-release Note: tablet disruption may cause a potentially fatal overdose of tramadol
Uniphyl	Tablet	Slow-release
Urocit-K	Tablet	Wax-coated
Uroxatral	Tablet	Slow-release
Valcyte	Tablet	Teratogenic and irritant potential (i)
Verapamil SR	Tablet	Slow-release (h)
Verelan	Capsule	Slow-release (a)
Verelan PM	Capsule	Slow-release (a)

VesiCare	Tablet	Enteric coated
Videx EC	Capsule	Slow-release
Voltaren XR	Tablet	Slow-release
VoSpire ER	Tablet	Slow-release
Wellbutrin SR, XL	Tablet	Slow-release
Xanax XR	Tablet	Slow-release
Zolinza	Capsule	Note: irritant; avoid contact with skin or mucous membranes; avoid contact with crushed or broken tablets
ZORprin	Tablet	Slow-release
Zyban	Tablet	Slow-release
Zyflo CR	Tablet	Slow-release

- (a) Capsule may be opened and the contents taken without crushing or chewing; soft food such as applesauce or pudding may facilitate administration; contents may generally be administered via nasogastric tube using an appropriate fluid provided entire contents are washed down the tube.
- (b) Liquid dosage forms of the product are available; however, dose, frequency of administration and manufacturers may differ from that of the solid dosage form.
- (c) Antacids and/or milk may prematurely dissolve the coating of the tablet.
- (d) Capsule may be opened and the liquid contents removed for administration.
- (e) The taste of this product in a liquid form would likely be unacceptable to the patient; administration via nasogastric tube should be acceptable.
- (f) Effervescent tablets must be dissolved in the amount of diluent recommended by the manufacturer.
- (g) Tablets are made to disintegrate under the tongue.
- (h) Tablet is scored and may be broken in half without affecting release characteristics .
- (i) Skin contact may enhance tumor production; avoid direct contact.

Disclaimer: This listing is not meant to represent all products, either by generic or trade name. The author encourages manufacturers, pharmacists, nurses, and other health professionals to notify him of any changes or updates.

1. Correspondence regarding this list may be addressed to:

John F. Mitchell, PharmD, FASHP

Email: rxmitchell@wowway.com

2. Two official USP terms are used to designate special-release medication forms: "extended release" and "delayed release". Others such as "sustained release", "controlled release", etc. are commonly used on package labeling. The term "Slow-release" is being used here to signify all such drugs with a special-release mechanism.