

Prior Authorization Criteria Update: Calcium/Vitamin D Replacement, Oral

Purpose of Update:

The calcium/vitamin D class was last reviewed in March of 2016. At that time prior authorization (PA) criteria was created to designate specific vitamin D and calcium supplements as preferred and provide coverage for the following patients: pregnant, nutrient deficient, diagnosis of osteopenia or osteoporosis, and patients 65 years of age or older who are at risk for falls (see Appendix 1). The purpose of this update is to determine the appropriateness of designating a vitamin D solution (drops) as a preferred drug.

Guidelines recommend that infants receive supplemental vitamin D to ensure adequate levels for proper growth. Guidelines recommend vitamin D 400 IU daily for infants from birth up to 12 months and 400-600 IU daily for infants 12-24 months.¹⁻³ Human breast milk contains small amounts of vitamin D, and therefore, supplementation is recommended. Infants who receive formula may require vitamin D supplementation dependent upon the micronutrient composition of the formula. Fortification of foods with vitamin D and increased exposure to sunlight contributes to appropriate vitamin D levels in children as they age.² Currently, multi-vitamin pediatric formulations, including drops, with 400 IU vitamin D are available without a prior authorization (PA).

Recommendation:

- It is recommended that a vitamin D solution suitable for infants is added to the preferred drug list.
- Evaluate costs in executive session.

References:

1. Centers for Disease Control and Prevention. Vitamin D. Available at: <https://www.cdc.gov/breastfeeding/breastfeeding-special-circumstances/diet-and-micronutrients/vitamin-d.html>. Accessed 1/15/19.
2. Institute of Medicine (US) Committee to Review Dietary Reference Intakes for Vitamin D and Calcium. In: Ross AC, Taylor CL, Yaktine AL, et al., editors. Dietary Reference Intakes for Calcium and Vitamin D. Washington (DC): National Academies Press (US); 2011. Available at: <https://www.ncbi.nlm.nih.gov/liboff.ohsu.edu/books/NBK56070/>. doi: 10.17226/13050. Accessed 1/15/19.
3. Holick MF, Binkley NC, Bischoff-Ferrari HA, et al. Evaluation, treatment, and prevention of vitamin D deficiency: an Endocrine Society Clinical Practice Guideline. J Clin Endocrinol Metab. 2011;96:1911–30. Accessed 1/16/19.
4. Wagner CL, Greer FR. Section on breastfeeding and committee on nutrition 2008 – prevention of rickets and vitamin D deficiency in infants, children, and adolescents. Pediatrics. 2008;122:1142-1152.

Appendix 1. Current Preferred Drug List Status

Generic	Brand	FormDesc	PDL
calcium carbonate	CALCI-MIX	CAPSULE	Y
calcium carbonate	CALCIUM CARBONATE	ORAL SUSP	Y
calcium carbonate	CALCIUM	TABLET	Y
calcium carbonate	CALCIUM 500	TABLET	Y
calcium carbonate	CALCIUM CARBONATE	TABLET	Y
calcium carbonate	OYSCO-500	TABLET	Y
calcium carbonate	OYSTER SHELL CALCIUM	TABLET	Y
calcium carbonate/vitamin D3	CALCIUM	TAB CHEW	Y
calcium carbonate/vitamin D3	CALCIUM 500 + VIT D	TAB CHEW	Y
calcium carbonate/vitamin D3	OS-CAL 500+D	TAB CHEW	Y
calcium carbonate/vitamin D3	CALCIUM 500-VIT D3	TABLET	Y
calcium carbonate/vitamin D3	CALCIUM 600 + VIT D	TABLET	Y
calcium carbonate/vitamin D3	OS-CAL 500-VIT D3	TABLET	Y
cholecalciferol (vitamin D3)	DECARA	CAPSULE	Y
cholecalciferol (vitamin D3)	MAXIMUM D3	CAPSULE	Y
cholecalciferol (vitamin D3)	VITAMIN D3	CAPSULE	Y
cholecalciferol (vitamin D3)	DIALYVITE VITAMIN D3 MAX	TABLET	Y
cholecalciferol (vitamin D3)	VITAMIN D	TABLET	Y
cholecalciferol (vitamin D3)	VITAMIN D3	TABLET	Y
ergocalciferol (vitamin D2)	DRISDOL	CAPSULE	Y
ergocalciferol (vitamin D2)	VITAMIN D2	CAPSULE	Y
calcium carb/D3/magnesium/zinc	CAL MAG ZINC-D3	TABLET	N
calcium carb/magnesium oxid/D3	CALCIUM MAGNESIUM + D	TABLET	N
calcium carb/vit D3/minerals	CALCIUM +D & MINERALS	TAB CHEW	N
calcium carb/vit D3/minerals	CALCIUM 600+MINERALS	TABLET	N
calcium carb/vitamin D3/vit K1	CALCIUM SOFT CHEW	TAB CHEW	N
calcium carbonate	CALCI-CHEW	TAB CHEW	N
calcium carbonate	CALCIUM	TAB CHEW	N
calcium carbonate	CORAL CALCIUM	TABLET	N
calcium carbonate/vitamin D2	CALCIUM CARBONATE W/VITAMIN D	TABLET	N
calcium carbonate/vitamin D3	CALCIUM 250-VIT D3	TABLET	N
calcium carbonate/vitamin D3	CALCIUM 500 + VIT D	TABLET	N
calcium carbonate/vitamin D3	CALCIUM 500-VIT D3	TABLET	N
calcium carbonate/vitamin D3	CALCIUM 600 + VIT D	TABLET	N
calcium carbonate/vitamin D3	CALCIUM 600-VIT D3	TABLET	N
calcium carbonate/vitamin D3	OS-CAL 500-VIT D3	TABLET	N
calcium carbonate/vitamin D3	OYSCO 500-VIT D3	TABLET	N
calcium carbonate/vitamin D3	OYSCO D	TABLET	N

calcium carbonate/vitamin D3	OYSTER SHELL + D	TABLET	N
calcium carbonate/vitamin D3	OYSTER SHELL CALCIUM W-VIT D	TABLET	N
calcium carbonate/vitamin D3	OYSTER SHELL CALCIUM-VIT D3	TABLET	N
calcium citrate	CALCITRATE	TABLET	N
calcium citrate	CITRACAL LIQUITAB	TABLET EFF	N
calcium citrate/vitamin D3	CALCET	TAB CHEW	N
calcium citrate/vitamin D3	CALCITRATE + VIT D	TABLET	N
calcium citrate/vitamin D3	CALCIUM CITRATE - VITAMIN D	TABLET	N
calcium citrate/vitamin D3	CALCIUM CITRATE - VITAMIN D3	TABLET	N
calcium citrate/vitamin D3	CALCIUM CITRATE-VITAMIN D3	TABLET	N
calcium citrate/vitamin D3	CITRUS CALCIUM + D	TABLET	N
calcium citrate/vitamin D3	CITRUS CALCIUM-VITAMIN D3	TABLET	N
calcium glubionate	CALCIONATE	SYRUP	N
calcium gluconate	CALCIUM GLUCONATE	TABLET	N
calcium lactate	CALCIUM LACTATE	TABLET	N
calcium phosphate dibas/vit D3	CALVITE P&D	TABLET	N
calcium phosphate dibas/vit D3	RISACAL-D	TABLET	N
calcium/mag/D3/B12/FA/B6/boron	FOLGARD OS	TABLET	N
calcium/mag/D3/B12/FA/B6/boron	TL G-FOL OS	TABLET	N
calcium/mag/D3/B12/FA/B6/boron	CALCIUM-FOLIC ACID PLUS D	WAFER	N
calcium/magnesium/zinc	CALCIUM/MAGNESIUM/ZINC	TABLET	N
calcium/magnesium/zinc	CALCIUM-MAGNESIUM-ZINC	TABLET	N
cholecalciferol (vitamin D3)	DIALYVITE VITAMIN D	CAPSULE	N
cholecalciferol (vitamin D3)	VITAMIN D3	CAPSULE	N
cholecalciferol (vitamin D3)	D-VI-SOL	DROPS	N
cholecalciferol (vitamin D3)	D-VITA	DROPS	N
cholecalciferol (vitamin D3)	VITAMIN D3	DROPS	N
cholecalciferol (vitamin D3)	VITAMIN D3	TABLET	N
cholecalciferol (vitD3)/vit K2	DOSOQUIN	TABLET	N
ergocalciferol (vitamin D2)	CALCIDOL	DROPS	N
ergocalciferol (vitamin D2)	CALCIFEROL	DROPS	N
ergocalciferol (vitamin D2)	DRISDOL	DROPS	N
ergocalciferol (vitamin D2)	ERGOCALCIFEROL	DROPS	N
vitamin D3/folic acid	DERMACINRX PUREFOLIX	TABLET	N
calcium	HI-CAL	TABLET	
calcium carb/mag ox/zinc sulf	CALCIUM-MAGNESIUM-ZINC	TABLET	
calcium carb/vitamin D3/soyb	SOY FORMULA	TABLET	
calcium carbonate	CALCIUM CARBONATE	TABLET	
calcium carbonate/vitamin D2	LIQUID CALCIUM	CAPSULE	
calcium carbonate/vitamin D2	CALCIUM CARBONATE W/VITAMIN D	TABLET	

calcium carbonate/vitamin D2	OYSTER + D	TABLET
calcium carbonate/vitamin D2	OYSTER SHELL CALCIUM	TABLET
calcium carbonate/vitamin D2	OYSTER SHELL CALCIUM W/VIT D	TABLET
calcium carbonate/vitamin D2	OYSTER SHELL CALCIUM W-VIT D	TABLET
calcium/magnesium/zinc	CALCIUM-MAGNESIUM-ZINC	TABLET
dihydrotachysterol	DHT	TABLET

Appendix 2. Proposed Prior Authorization Criteria

Calcium and Vitamin D Supplements

Goal(s):

- Restrict use of calcium and vitamin D supplements to patients who are pregnant; have a documented nutritional deficiency; have a diagnosis of osteopenia or osteoporosis; infants 0-24 months or elderly patients at risk for falls.

Length of Authorization:

- Up to 12 months

Requires PA:

- Non-preferred calcium and vitamin D products

Covered Alternatives:

- Current PMPDP preferred drug list per OAR 410-121-0030 at www.orpdl.org
- Searchable site for Oregon FFS Drug Class listed at www.orpdl.org/drugs/

Approval Criteria		
1. What diagnosis is being treated?	Record ICD10 code	
2. Is this an OHP-funded diagnosis?	Yes: Go to #3	No: Pass to RPh. Deny; not funded by the OHP
3. Does the patient meet any of the following criteria: • Pregnancy; • Documented nutrient deficiency; • Diagnosis of osteopenia or osteoporosis; • Infants 0-24 months of age OR • Age 65 years or older and at risk for falls	Yes: Approve for up to 12 months. Request that a 90 day's supply be filled at a time.	No: Pass to RPh. Deny; medical appropriateness

P&T Review: 3/19 (KS), 3/16 (KS)
Implementation: 5/1/16