

Medicines

Optimisation intervention brief

Title of intervention:
Accrete D3 as preferred brand of calcium and vitamin D supplementation
WHAT?
<ul style="list-style-type: none"> • Prescribe Accrete D3 as the preferred brand of calcium and vitamin D preparation. • There are currently two Accrete D3 products available: <ul style="list-style-type: none"> ○ Accrete D3 One a Day 1000 mg / 880 IU Chewable Tablets ○ Accrete D3 film-coated tablets 600mg / 400 IU (twice daily, these are not chewable, and should be swallowed with water. There is a score line which can facilitate breaking for ease of swallowing, but not to divide into equal doses)
WHY?
<ul style="list-style-type: none"> • Accrete D3 is one of the brands that provide best value for money. • Estimated potential savings for practices in South West Hampshire and Mid Hampshire of £77,000 per annum. • A once daily preparation should support patients with compliance.
WHO?
<ul style="list-style-type: none"> • Patients currently prescribed calcium and vitamin D (see exclusions in TIPS below). • New patients requiring calcium and vitamin D treatment. • Patients discharged from hospital on a non-preferred brand.
TIPS
<ul style="list-style-type: none"> • Adcal D3 and Calcichew D3 are the brands of calcium and vitamin D currently preferred in local hospital trusts. Patients can be switched to the CCG-formulary-preferred brand, Accrete D3, upon discharge. • Accrete D3 One a Day Chewable tablet should be offered as a switch to avoid administration confusion. • Accrete D3 film-coated tablets can be offered to those who cannot tolerate or dislike chewable tablets; these are a twice a day tablet. • Patients should be made aware of any changes to preparation or dosing. This should be well communicated with the patient/carer to avoid any confusion. • Avoid Accrete D3 film-coated in patients with a peanut or soya allergy (contains 0.3mg of hydrogenated soya-bean oil). (Accrete-D3 One a Day Chewable tablets do not contain soya or peanut excipients). • Exclude patients prescribed calcium and vitamin D who have an indication for renal impairment/ kidney disease. These patients will require a further review by the pharmacist. • Exclude patients already taking a low cost brand, such as Theical or Evacal. • Exclude patients who have already been prescribed Accrete D3 in the past. • Patients without a clear indication for calcium supplementation should be reviewed by the pharmacist for deprescribing where appropriate.

Produced by South West Hampshire and North and Mid Hampshire Medicines Optimisation Teams for local use

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<ul style="list-style-type: none"> • Patients currently receiving denosumab therapy should continue on calcium and vitamin D. • If initiating calcium and vitamin D, ensure the patient is not taking any OTC vitamin D preparations.
HOW?
<ul style="list-style-type: none"> • Search for patients on calcium and vitamin D using the search resources provided. • Switch appropriate patients (see exclusions in TIPS above) requiring regular repeat prescriptions for calcium and vitamin D. • Switch to Accrete D3 One a Day Chewable tablet unless the prescriber/patient specifies film-coated tablets. • Follow the process agreed with an individual practice. • Ensure patients are aware there may be a change to formulation. • Communication with the patient/carer and the practice teams is essential.
SO WHAT?
<ul style="list-style-type: none"> • All patients will receive a consistent brand of calcium and vitamin D. • Once daily calcium and vitamin D may help with patient compliance • Savings will be realised.
FURTHER INFORMATION
<ol style="list-style-type: none"> 1. MIMs online April 2021 2. Summary of Product Characteristics: Link to film coated tablet Link to one-a-day chewable

Appendix: Product Specification Table (April 2021)

Local osteoporosis guideline states: calcium 1 – 1.2 gram + colecalciferol 20 micrograms (800 units) daily unless clinician is confident dietary calcium intake is adequate (approx. 1gram per day) and patient is vitamin D replete.

Product name	Dosage (SPC Apr 21)	Daily amount (SPC Apr 21)	28 days cost (MIMS Apr 21)	Switch to Accrete D3 product:	What are the differences?
Accrete-D3 One a Day chewable tablet	1000mg/880IU: once daily	1000mg/880IU	£2.75	N/A Note: does not contain soya or peanut excipients	
Accrete-D3 tablets 600mg/400IU Twice a day, swallow whole tablet	600mg/400IU tablet: twice daily	1200mg/800iu	£2.75	N/A Note: unsuitable for peanut/soya allergy	
Adcal D3 chewable	1500mg equivalent to 600mg/400iu: twice daily	1200mg/800iu	£3.65	Accrete-D3 One a Day chewable tablet 1000mg/880IU	Less calcium (200mg). More vit D (80iu).
Adcal D3 Caplets	750mg equivalent to 300mg/200iu: two twice daily	1200mg/800iu	£2.95	Accrete-D3 tablets 600mg/400IU	Same daily amount. Cost is fractionally less. No switch
Calcichew D3 tablets chewable once daily	1000mg/800iu: once daily	1000mg/800iu	£6.30	Accrete-D3 One a Day chewable tablet 1000mg/880IU	Same calcium. More vit D (80iu).
Calcichew D3 chewable	1250mg equivalent to 500mg/200iu: two to three times daily	Up to 1500mg/600iu	£6.45		Depends on patient's daily dose and is licensed in children. Care with switching. Needs a review.
Calcichew D3 Forte chewable	1250mg equivalent to 500mg/400iu: twice daily	1000mg/800iu	£3.96	Accrete-D3 One a Day chewable tablet 1000mg/880IU	Same calcium. More vit D (80iu).
Calcichew D3 Caplets (discontinued)	1250mg equivalent to 500mg/400iu: twice daily	1000mg/800iu	N/A		Review patients, as discontinued product 01/20
Calceos chewable	1250mg equivalent to 500mg/400iu: twice daily	1000mg/800iu	£3.88	Accrete-D3 One a Day chewable tablet 1000mg/880IU	Same calcium. More Vit D (80iu).

Calci-D chewable	1000mg/1000iu: once daily	1000mg/1000iu	£2.25		More vit D (200iu). Monthly cost is the same.
Evacal D3 chewable	1500mg equivalent to 600mg/400iu: twice daily	1200mg/800iu	£2.75	N/A	Monthly cost is the same – no switch
KalciposD chewable	500mg/800iu: once daily	500mg/800iu	£3.93	N/A	Low amount of calcium as SPC once daily Monthly cost is the same – no switch
Natecal chewable	1500mg equivalent to 600mg/400iu: twice daily	1200mg/800iu	£3.39	Accrete-D3 One a Day chewable tablet 1000mg/880IU	Less calcium (200mg) More vit D (80iu)
Theical D3 One a Day chewable	2500mg equivalent to 1000mg/880iu: once daily	1000mg/880iu	£2.75		Monthly cost is the same – no switch