

# Available for both men and postmenopausal women with osteoporosis by the Ontario formulary and most private drug plans<sup>1</sup>

Prolia® (denosumab injection) is indicated:<sup>2</sup>

- for the treatment of postmenopausal women with osteoporosis at high risk for fracture, defined as a history of osteoporotic fracture, or multiple risk factors for fracture; or patients who have failed or are intolerant to other available osteoporosis therapy. In postmenopausal women with osteoporosis, Prolia reduces the incidence of vertebral, nonvertebral and hip fractures.
- as a treatment to increase bone mass in men with osteoporosis at high risk for fracture, defined as a history of osteoporotic fracture, or multiple risk factors for fracture; or patients who have failed or are intolerant to other available osteoporosis therapy.
- as a treatment to increase bone mass in men with nonmetastatic prostate cancer receiving androgen deprivation therapy (ADT), who are at high risk for fracture.
- as a treatment to increase bone mass in women with nonmetastatic breast cancer receiving adjuvant aromatase inhibitor (AI) therapy, who have low bone mass and are at high risk for fracture.
- as a treatment to increase bone mass in women and men at high risk for fracture due to sustained systemic glucocorticoid therapy.
- as a treatment to increase bone mass in women and men at high risk for fracture who are starting or have recently started long-term glucocorticoid therapy.

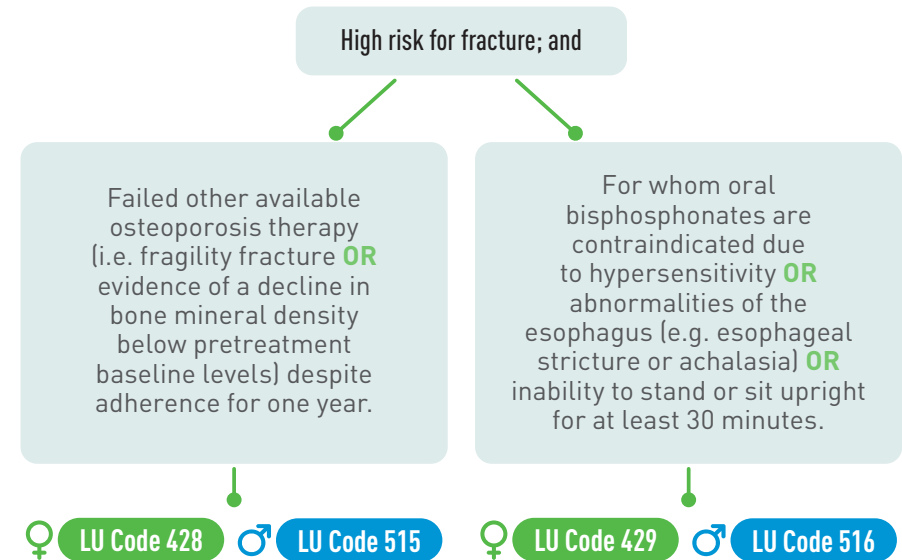
Consult the Product Monograph at [www.amgen.ca/Prolia\\_PM.pdf](http://www.amgen.ca/Prolia_PM.pdf) for important information relating to contraindications, warnings, precautions, adverse reactions, interactions, dosing and conditions of clinical use.

The Product Monograph is also available by calling Amgen at 1-866-502-6436.



## CRITERIA:<sup>1</sup>

To increase bone mass in males and postmenopausal females with osteoporosis who meet the following criteria:<sup>1</sup>



High fracture risk is defined as:<sup>1</sup>

- A prior fragility fracture AND a moderate 10-year fracture risk (10% to 20%); OR
- A high 10-year fracture risk ( $\geq 20\%$ ); OR
- Where a patient's 10-year fracture risk is less than the thresholds defined above, a high fracture risk based on evaluation of clinical risk factors for fracture.

All above definitions are based on the CAROC or FRAX tool.

Notes:

- Use of the CAROC or FRAX tool may underestimate fracture risk in certain circumstances and may not include all risk factors.
- In all cases, patients on Prolia must not be receiving concomitant bisphosphonate therapy. Recommended dose of Prolia is a single SC injection of 60 mg, once every 6 months.

LU Authorization Period: Indefinite

CAROC=Canadian Association of Radiologists and Osteoporosis Canada;  
FRAX=Fracture Risk Assessment

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