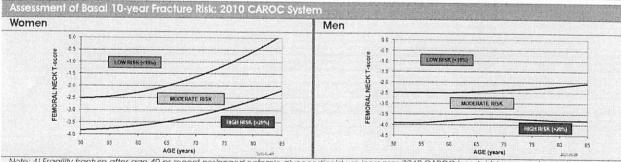


## **Quick Reference Guide**

## 2010 Clinical Practice Guidelines for the Diagnosis and Management of Osteoporosis in Canada

This guide has been developed to provide healthcare professionals with a quick-reference summary of the most important recommendations from the 2010 Clinical Practice Guidelines for the Diagnosis and Management of Osteoporosis in Canada. For more

ations for Clinical Assessment			
Recommended Elements of Clinical Assessment	SATE ATTENTION OF THE SECTION OF THE		
□ Parental hip fracture □ RI □ Glucocorticoid use □ In	h alcohol intake (≥3 units per day) eumatoid arthritis uire about falls in the previous 12 months uire about gait and balance		
<ul> <li>□ Measure weight (weight loss of &gt; 10% since age 25 is significe</li> <li>□ Measure height annually (prospective loss &gt; 2cm) (historical he</li> <li>□ Measure rib to pelvis distance ≤ 2 fingers' breadth</li> <li>□ Measure occiput-to-wall distance (for kyphosis) &gt; 5cm</li> </ul>	nt) ight loss > 6 cm) Screening for vertebral fractures		
orrected for albumin	is for patients with vertebral fractures -D)*		
age ≥ 50 years)	Younger Adults (age < 50 years)		
women, and men aged 50-64 years with clinical risk factors for fractule after age 40 glucocorticoid uset -risk medication use* of fracture acture acture acture or osteopenia identified on X-ray oking ol intake	Pragility fracture Prolonged use of glucocorticoids* Use of other high-risk medicationst Hypogonadism or premature menopause Malabsorption syndrome Primary hyperparathyroidism Other disorders strongly associated wirapid bone loss and/or fracture		
	Recommended Elements of Clinical Assessment  □ Identify risk factors for low BMD, fractures and falls: □ Prior fragility fractures □ Ri □ Parental hip fracture □ Ri □ Glucocorticoid use □ Inc □ Current smoking □ Inc □ Measure weight (weight loss of > 10% since age 25 is significa □ Measure height annually (prospective loss > 2cm) (historical height Measure rib to pelvis distance ≤ 2 fingers' breadth □ Measure occiput-to-wall distance (for kyphosis) > 5cm □ Assess fail risk by using Get-Up-and-Go Test (ability to get out or and return)  and Biochemical Tests for Patients Being Assessed for Osteoporosis breaded for albumin □ Thyroid stimulating hormone olood count □ Serum protein electrophores used after 3-4 months of adequate supplementation and should not be repeated after 3-4 months of adequate supplementation and should not be repeated after 3-4 months of adequate supplementation and should not be repeated after age 40 glucocorticoid uset risk medication use* of fracture after age 40 glucocorticoid uset of fracture acture or osteopenia identified on X-ray oking oil intake velight (< 60 kg) or major weight loss (>10% of weight at age 25 years distributions.)		

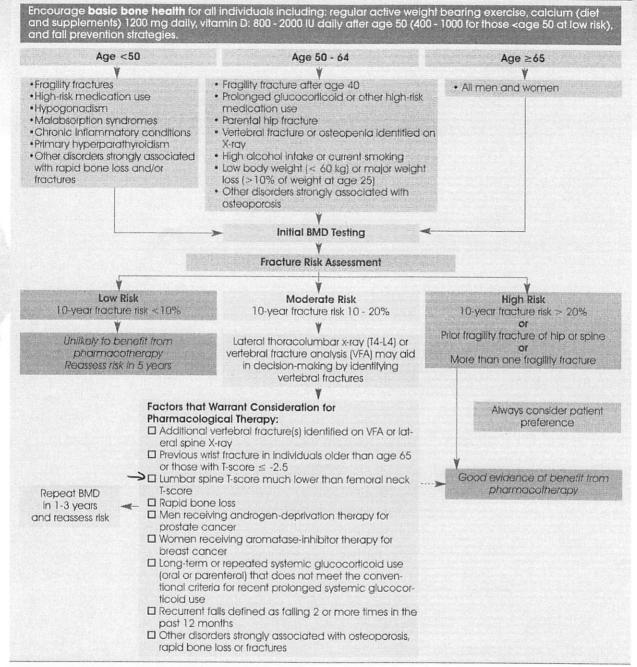


Note: 1) Fragility fracture after age 40 or recent prolonged systemic glucocorticold use increases 2010 CAROC basal risk by one category (i.e., from low to moderate or moderate to high).

2) Using this model in a patient on therapy only reflects the theoretical risk of a hypothetical patient who is treatment naïve and does not reflect the risk reduction associated with therapy.

3) Fernoral neck T-score should be derived from NHANES III Caucasian women reference database.

4) Individuals with a fragility fracture of the vertebra or hip, or with more than one fragility fracture are at high fracture risk.



Type of Fracture	Antiresorptive Therapy						Bone Forma- tion Therapy
	Bisphosphonates					Estrogen**	Toringratida
	Alendronate	Risedronate	Zoledronic Acid	Denosumab	Raloxifene	(Hormone Therapy)	Teriparatide
Vertebral	<b>/</b>	<b>/</b>	/	<b>√</b>	<b>/</b>	/	1
Hip	· •	<b>✓</b>	-	<b>✓</b>		1	
Non-vertebral <sup>†</sup>	<b>/</b>	<b>✓</b>	<b>-</b>	<b>/</b>	-	<b>/</b>	1 /

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Integrated Management Model

¹ In Clinical trials, non-vertebral fractures are a composite endpoint including hip, femur, petvis, tibia, humerus, radius, and clavicle.

\* For postmenopausal women, ✓ indicates first line therapies and Grade A recommendation. For men requiring treatment, alendronate, risedronate, and zoledronic acid can be used as first-line theraples for prevention of fractures (Grade D).

\*\* Hormone therapy (estrogen) can be used as first-line therapy in women with menopausal symptoms.