

SCOPE STATEMENT FOR HERC COVERAGE GUIDANCE

OSTEOPOROSIS SCREENING BY DUAL-ENERGY X-RAY ABSORPTIOMETRY (DXA)

Population description	Adults without a personal history of osteoporosis <i>Population scoping notes: None</i>
Intervention(s)	Screening for osteoporosis using dual-energy x-ray absorptiometry (DXA) <i>Intervention exclusions: None</i>
Comparator(s)	No screening, use of fracture risk assessment tools
Outcome(s) (up to five)	Critical: Hip fractures, other osteoporotic fractures Important: Quality of life, adverse events <i>Considered but not selected for GRADE Table: None</i>
Key questions	<ol style="list-style-type: none"> 1. What is the comparative effectiveness of DXA for screening for osteoporosis? 2. Does the comparative effectiveness of DXA for screening of osteoporosis vary by: <ol style="list-style-type: none"> a. Age b. Gender c. Race/ethnicity d. Prior use or concurrent of medications known to alter bone density e. Other risk factors (e.g., history of rapid weight loss, medical conditions, patient history, BMI, alcohol consumption, smoking, family history) f. Frequency of screening g. Site of measurements 3. What are the harms of DXA for screening for osteoporosis?
Contextual questions	

CHANGE LOG

Date	Change	Rationale
m/d/yyyy		