

**Literature Search**  
**ACR Appropriateness Criteria®**  
**Osteoporosis and Bone Mineral Density**

Literature Search Performed on: 01/11/2021

Beginning Date: January 2016

End Date: December 2020

Database: Ovid MEDLINE(R) ALL <1946 to January 08, 2021>

**Search Strategy**

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- 1 exp bone density/ or (bone and density).af. or bone density.af. (99256)
- 2 exp osteoporosis/ or osteoporosis.af. or osteoporoses.af. or exp osteoporosis, postmenopausal/ or (osteoporosis and postmenopausal).af. or postmenopausal osteoporosis.af. (95072)
- 3 exp bone diseases, metabolic/ or (bone and diseases and metabolic).af. or metabolic bone diseases.af. or osteopenia.af. or osteopenias.af. (89021)
- 4 (fragilities or fragility).af. (19839)
- 5 (fractur or fractural or fracture&#39;s).af. or exp fractures, bone/ or (fractures and bone).af. or bone fractures.af. or fracture.af. or fractured.af. or fractures.af. or fracturing.af. (321780)
- 6 dg.fs. or (diagnostic and imaging).af. or diagnostic imaging.af. or exp diagnostic imaging/ or (diagnostic and imaging).af. (2784930)
- 7 1 and 2 and 3 and 4 and 5 and 6 (603)
- 8 limit 7 to yr="2016 -Current" (209)
- 9 limit 8 to english language (204)

**Summary**

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| Source                | #Unique Refs | #Retained Refs |
|-----------------------|--------------|----------------|
| Old bibliography      | 89           | 23             |
| Literature Search(es) | 204          | 11             |
| Author Added          | 82           | 78             |
| Supporting Docs       | 4            | 4              |
| Total                 |              | 116            |

References from the literature search that were not retained had a poor study design, were not relevant to the topic, or had unclear or biased results.