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1078 Osteonecrosis of Wrist

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PhD, FACR

1082 Osteonecrosis of Ankle and Foot

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1086 Legg-Calvé-Perthes Disease  
Brady K. Huang, MD, B. J. Manaster, MD, PhD, FACR, and  
Stephanie Bernard, MD

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1094 Introduction to Metabolic Bone Disease

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1106 Osteomalacia and Rickets

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1110 Renal Osteodystrophy

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1116 Dialysis-Related Disease, Metastatic Calcification

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1117 Dialysis-Related Disease, Spondyloarthropathy

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1118 Hypoparathyroidism, Pseudo- and  
Pseudopseudohypoparathyroidism

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### OSTEOPOROSIS

1120 Primary Osteoporosis

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1124 Disuse Osteoporosis

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1125 Idiopathic Juvenile Osteoporosis

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1126 Anorexia

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MD, PhD, FACR

1127 Osteoporosis: Other Causes

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1134 Hypophosphatasia

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1136 Cushing Syndrome

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1137 Tumoral (Idiopathic) Calcinosis

Donna G. Blankenbaker, MD, FACR and Cheryl A.

Petersilge, MD, MBA

SECTION 12: DRUG-INDUCED AND

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1144 Warfarin (Coumadin): Complications

B. J. Manaster, MD, PhD, FACR

1145 Alcohol

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1146 Substance Abuse

1150 Anticonvulsants

1154 Corticosteroids

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1155 Bisphosphonates

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1156 Prostaglandins

1157 Hypervitaminosis A and Retinoids

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1158 Vitamin D

B. J. Manaster, MD, PhD, FACR

1159 Retinoid-Associated Osteoarthritis

B. J. Manaster, MD, PhD, FACR

1160 Statins

1164 Metals and Minerals

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1165 Fluoride: Complications

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1166 Voriconazole

B. J. Manaster, MD, PhD, FACR

1167 Quinolones

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1168 Scurvy

B. J. Manaster, MD, PhD, FACR