

Osteoporosis is often asymptomatic until a fracture occurs. This may present as back pain in varying degrees. Back pain, especially in the lumbar area, in patients with osteoporosis is usually associated with a spinal fracture.<br>

## **Pathologic Fractures**

### **Fractured Bone**

Weakening of the bones in patients with osteoporosis can cause fractures, unrelated to an injury, especially in the bones of the wrists, upper femur, and pelvis.

## **Spinal Compression Fracture**

### **Spine Compressed with Fractures**

Fractures that occur in the spine, causing the vertebral bone to collapse, or compress, are commonly seen in patients with osteoporosis. This type of fracture can be very painful and can eventually lead to kyphosis of the spine. Further leading to a loss of independence, and increased pain and mortality.