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MICRONEUROSURGERY
CRANIAL SURGERY
SPINAL SURGERY
SPINAL INSTRUMENTATION

Kyphoplasty and Vertebral Compression Fracture (VCF)

Indications for Kyphoplasty

Acute or subacute VCF with
Osteoporosis
Steroid Induced Osteoporosis
Multiple Myeloma
Metastatic Disease

Contraindication

Osteomyelitis
Pain Relief
Early and Increased Mobility
Decreased Need for Narcotics
Restoration of Vertebral Height

Benefits of Kyphoplasty

Evaluation of Patients with Osteoporosis and Back Pain

Who to Evaluate?

1. Patients with new or sudden increase in thoracic or lumbar pain are suspect for **Acute VCF**.
2. Patients with persistent non-improving pain, kyphotic hump, protruding abdomen, and loss of height are suspect for **Chronic VCF**.

Evaluation

If Patient Is Able to Have MRI Scan:

1. AP and Lateral X-Ray of the Thoracic or Lumbar Spine
 2. MRI with Stir Images of the Thoracic or Lumbar Spine
- or

If Patient Is Unable to Have MRI Scan:

1. AP and Lateral X-Rays
2. CT Scan with Sagittal Reconstructions
3. Bone Scan

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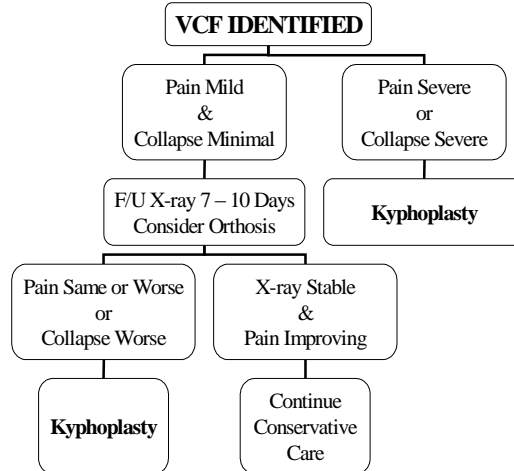
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