



Case Review:

Prestige Artificial Disc for
subadjacent degeneration
at C6/7

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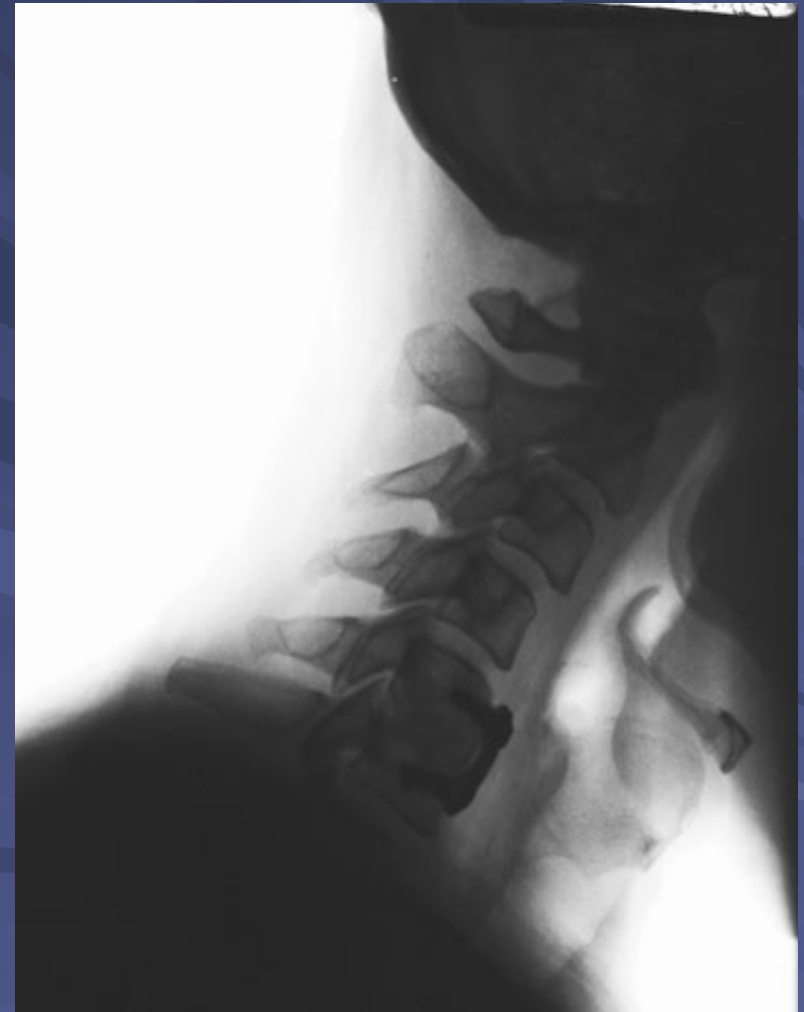
Patient History

- 44 year old male
- Previous fusion C5-6, three years prior with physician in his area.
- Increasing neck and shoulder pain.
- MRI shows a severe subjacent degeneration disk herniation at C6-7 with bilateral neural foraminal extension. The patient also has significant cord effacement at C6-7.

Pre-op X-rays



Flexion and Extension X-rays



Indications for Surgery

- Status post anterior cervical discectomy and fusion at C5-6.
- Now with subadjacent C6-7 disk herniation and spinal cord compression.
- Degenerative disk disease, C6-7.
- Bilateral myeloradiculopathy, C6-7.
- Failed conservative therapy.

Surgical Strategy

- Radical diskectomy with spinal cord decompression at C6-7, under the microscope, from a left-handed approach.
- Bilateral neural foraminotomy at C6-7.
- Bilateral subtotal vertebrectomy at C6, with removal of mass of uncal vertebral osteophyte inferiorly, superiorly, and anteriorly, constituting one-third of vertebra.
- Removal of retained hardware at C5-6.
- Placement of Prestige Disc at C6-7 measuring 7x18 mm, with four screw fixation.
- Intraoperative fluoroscopy.
- Intraoperative somatosensory evoked potentials.

Post-Op Films



The patient is doing very well. No significant neck or arm pain following surgery.

Pre-Op/Post-Op Film Comparison

