

Case of the Week

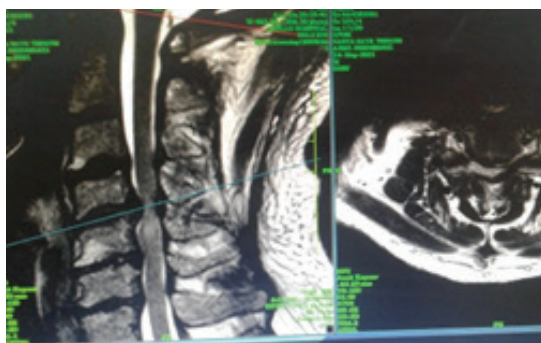
CERVICAL COMPRESSIVE MYOPATHY WITH CORD EDEMA – FROM WHEELCHAIR TO INDEPENDENCE

A 59-year-old male presented with neck pain radiating to the left arm up to middle finger since over a month. He reported gait disturbance with buckling of both knees starting about 6 weeks ago. His gait disturbance progressively worsened with weakened grip in both hands, being worse in the left hand. He was eventually wheel chair bound for a month. He also developed urinary disturbances in form of urgency and precipitancy for similar duration, while also suffering from chronic constipation. Relevant medical investigations revealed a large C4-C5 disc prolapse with cord oedema along with degenerative changes at adjacent levels. Consequently, the patient was admitted to Apollo Hospitals Navi Mumbai for the management of his condition.

The patient's clinico-radiological picture was of cervical degenerative disease with C4-C5 disc prolapse causing myelopathy with cord oedema. After the written informed consent and

physician clearance by the Internal Medicine specialist and anaesthetic clearance, he underwent C4-C5 anterior cervical micro-discectomy and fusion using Cornerstone cage (Medtronic) on 25th May, 2021. Post-operative period was uneventful. He had good recovery of his motor power, his left brachialgia resolved, and his urine control improved. He was mobilised with cervical collar and walked with a physiotherapist on first post-operative day, which he tolerated well. He remained neurologically stable during his hospital stay. His post-operative X-ray was satisfactory and showed implant in situ. At the time of discharge, the patient was conscious, oriented, afebrile, has near normal power in limbs. He had residual posterior column dysfunction, was ambulant with cervical collar/tripod stick and his operative site was healthy.

At two weeks follow up he was independently ambulant and continent.



Pre-operative MRI



Post op and pre op X rays

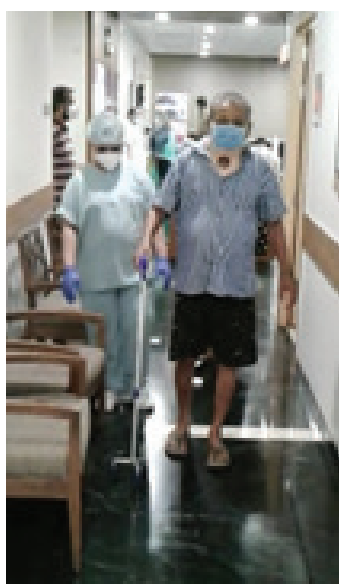
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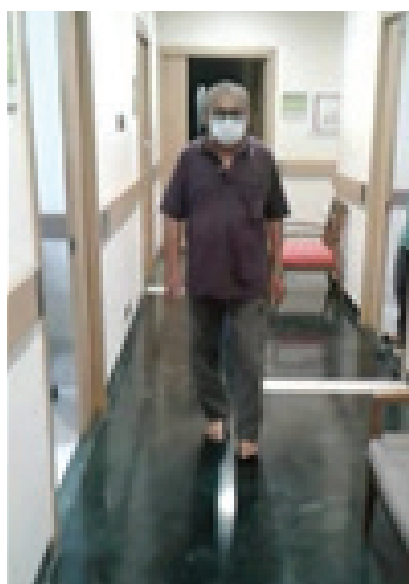
Immediate post op



48 hours post op



7 days post op



2 weeks follow-up

SURGERY AT APOLLO HOSPITALS IS SAFE

CLINICAL TEAM

Dr. Amit Kapoor
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