

### Neck Stiffness in Sprengel Deformity and Klippel Feil Syndrome

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A 25-years male patient referred to PMR OPD for management of intermittent neck stiffness for last 1 year. He was not suffering from any significant neck pain though he has been treated with several courses of analgesics and muscle relaxants. When we examined the patient after proper exposure we found a low hair line, web neck and Sprengel deformity of scapula in the left side (Fig 1). After that we did x-ray of his cervical spine which showed vertebral fusion (Fig 2). A clinical

diagnosis of Klippel feil syndrome was established and his neck stiffness was due to blocked vertebra. His cardiovascular and respiratory system was normal on clinical examination. His chest x-ray was normal but USG of whole abdomen picked up a horse shoe shaped kidney.

We started him on static neck exercises, muscle relaxant and deep heat therapy. He responded well with couple of week's conservative care.



Fig 1



Fig 2

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