

The outweigh posterior fixation and balloon kyphoplasty in thoracolumbar junction fx

Alireza Sheikhi

Neurosurgeon at Ghazvin university of medical science, shahid rajaei trauma hospital, Ghazvin Iran

Image Article

A 20 years man falling down with dislocation of spinal cord and compression in canal bone. Dislocation of vertebra and spinal column get damaged. Kyphoplasty surgery can be performed to restore the lost vertebra due to fracture. During this surgery, a small incision can be made and tube can be placed. By using x ray images with the help of tubes small cavity can be made to create a cavity. Then fixed sagittal imbalance can be placed (Figures 1-5).

Corresponding author:

Alireza Sheikhi

Ghazvin university of medical science, Iran

soheil707@yahoo.com



Figure 1 Pre-operative lateral radiograph of 20-years-old man who was falling down with L1 fx and dislocation and spinal canal compression.



Figure 2 Pre-operative sagittal reconstructed computed tomograph (CT) of 20-years-old man who was falling down with L1 fx and dislocation and spinal canal compression, body of L1 vertebra was shattered and all three spinal column are damaged.



Figure 3 Pre-operative sagittal reconstructed three dimensional computed tomograph (CT) of 20-years-old man who was falling down with L1 fx and dislocation and spinal canal compression, body of L1 vertebra was shattered and all three spinal column are damaged.



Figure 4 Pre-operative sagittal T2-weighted magnetic resonance image of 20-years-old man who was falling down with l1 fx and dislocation and spinal canal compression, body of L1 vertebra was shattered and block of spinal cord were seen.

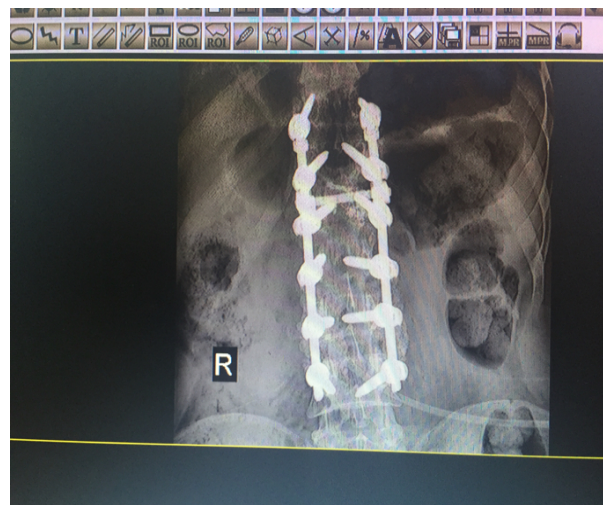


Figure 5 Post-operative lateral(left side) and anteroposterior(right side)of 20-years-old man who was falling down with l1 fx and dislocation and spinal canal compression, Kyphoplasty of L1 vertebral body for correction of thoracolumbar angle was done then posterior transpedicular fixation of T12 till L4 was done Pre op and post op exam:intact.

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