

A Comparitive Study Of Antero Lateral Vs Postero Lateral Decompression And Spinal Stabilization In Thoraco Lumbar Potts Spine

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Purpose:

To Compare the clinical ,radiological and functional outcome of Anterior and Posterior decompression and Spinal Fixation for Thoracic and Thoracolumbar Pott's spine

Materials and Methods

Prospective and retrospective comparative study (2009 – 2017). Includes 10 patients in each group. Group 1 patients underwent anterior debridement, decompression and instrumentation. (retrospective). Group 2 patients underwent posterior debridement, decompression and instrumentation. (prospective).

Results:

Kyphotic angle correction and functional outcome in posterior approach is statistically significant

Conclusion

Posterior or posterolateral approach is a good option in thoracolumbar tuberculosis. Pain relief is better in posterior group. Duration of stay in hospital is less in posterior and also can be mobilized early in posterior group. Better functional outcome and significant kyphotic angle correction in posterior approach.