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Predictors of Deformity Progression in Children with Active Tuberculosis of the Cervical Spine with or Without

Neurodeficit

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Abstract:

Background and Aims: The natural history of healed tuberculosis of the cervical spine in children is distinctly different from that in adults. We retrospectively analyzed 236 children with active disease treated conservatively at our centers over the last 15 years.

Methods: A retrospective analysis of radiograms and MR images of our patients was performed to study the sequelae of conservatively treated disease of the cervical spine.

Results: We identified 6 different patterns of the disease. These criteria were used by us as predictors of deformity progression in clinically and radiologically healed disease.

Conclusion: The criteria helped us to select patients for early surgical stabilization in children with active disease without neurological deficit