

An Interesting Case of Thoracic Dermal Sinus

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Description

11 years old girl presented with history of on and off discharge from her upper back since childhood. Examination revealed presence of dermal sinus on her back (Figure 1). Neurological examination was normal. MRI revealed presence of track going upwards to the cervical region with presence of syrinx (Figures 2 and 3) and diastematomyelia (Figure 4).

Dermal sinus results from a failure of neuroectoderm to separate from the cutaneous ectoderm [1]. Thoracic and cervical regions where the neural folds fuse first are the rare sites for dorsal dermal sinus [2]. It is invariably associated with presence of dermoid and epidermoid tumors, tethered cord or defects of the posterior arches of the vertebral column. Common mode of presentation is frequent bouts of unexplained meningitis [3].

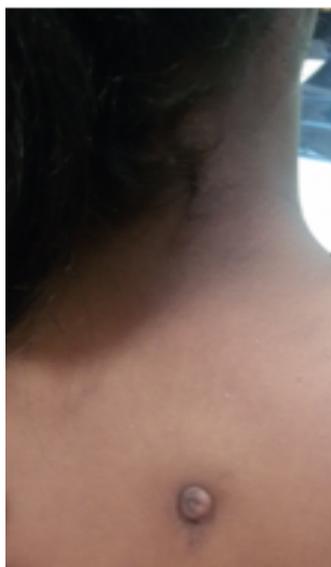


Figure 1: Presence of dermal sinus.



Figure 2: Presence of track towards the cervical region.

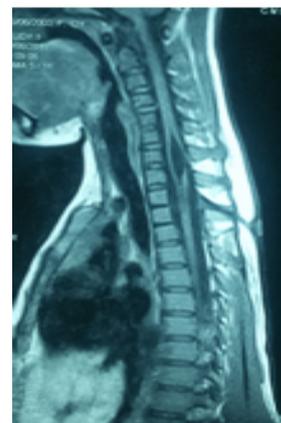


Figure 3: Presence of track towards the cervical region with Syrinx.

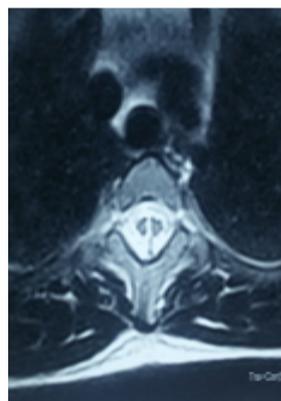


Figure 4: Diastematomyelia.

References

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