

Sub-Dural Haemorrhage Post Scoliosis Surgery – A Case Report

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INTRODUCTION:

Intracranial hypotension may occur when CSF leaks from the subarachnoid space. Intracranial sub-dural and subarachnoid haemorrhage formation has been observed after significant CSF leak as in lumbar puncture or ventricular shunt placement. However, very few cases of such formation have been described in literature following spine surgery. We present a case of a 10- year-old male child operated for Idiopathic Scoliosis with low lying Conus Medullaris who post operatively developed Sub – Dural Haemorrhage.

CASE REPORT:

A 10- year-old male child operated for Idiopathic Scoliosis with low lying Conus Medullaris for which Detethering at L3 level with laminectomy from L2 – L3 with Pedicular Screw Fixation from T3 – L2 with Bone Grafting with Right Costoplasty from 3rd TO 6th Ribs was done. Post-operative 5th day, patient developed convulsion and drowsiness and recovered subsequently by post-operative day 7.

CONCLUSION:

We report a rare case of an acute intracranial subdural haemorrhage caused by intracranial hypotension following scoliosis surgery. This report highlights the potential morbidity associated with CSF leak occurring after scoliosis surgery.

KEY WORDS:

Sub-Dural Haemorrhage; Scoliosis; Intracranial Hypotension; Dural Breach