

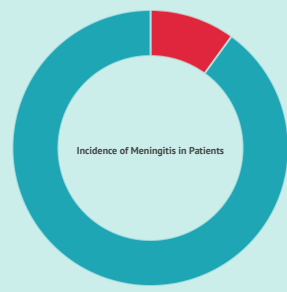
Postoperative Complications of Meningitis

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Background

Meningitis is a serious complication following neurosurgery, especially after decompressive craniectomy (DC).



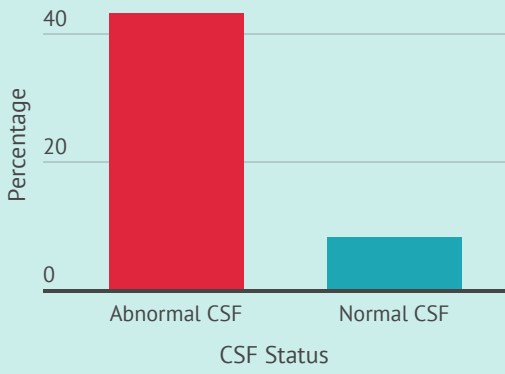
Incidence

The study found a 10% incidence of clinical meningitis post-DC in patients.



CSF Role

Abnormal cerebrospinal fluid (CSF) findings are significantly linked to postoperative meningitis.



Findings

42.9% of patients with abnormal CSF developed meningitis, compared to only 8.4% with normal CSF.



Surgical Indications

No significant association found between surgical indication and development of meningitis.



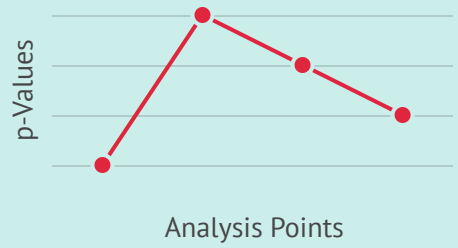
Preoperative Risk

Preoperative condition and comorbidities did not show significant links to meningitis.



Statistical Data

Statistical analysis indicated p-value of 0.02 between abnormal CSF and meningitis.



Conclusion

Monitoring CSF abnormalities post-DC is crucial for early detection of meningitis, improving patient outcomes through appropriate interventions and tailored antibiotic strategies.