

Leaks into sphenoid sinus

Leaks into [sphenoid sinus](#) (including post-[transsphenoidal surgery](#) leak).

1. LP BID or CLD: as long as pressure > 150mm H2O or CSF [xanthochromia](#)
 - a) if leak persists > 3 days: repack sphenoid sinus and pterygoid recesses with fat, muscle, cartilage and/or fascia lata (must reconstruct floor of sella, packing alone is inadequate). Some recommend against muscle since it putrefies and shrinks. Continue LP or CLD for 3–5 days post-op
 - b) if leak persists > 5 days: lumboperitoneal shunt (first R/O obstructive hydrocephalus)
2. more difficult surgical approach: intracranial (intradural) approach to medial aspect of [middle cranial fossa](#)
3. consider transnasal sellar injection of [fibrin glue](#) under [local anesthesia](#)

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