Combined petrosal approach for resection of petroclival meningioma

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The authors demonstrate a step-by-step surgical technique of the combined petrosal approach for resection of petroclival meningioma. The basic concept of this approach is the combination of the anterior- and posterior-petrosal approaches uniting the infra- and supratentorial surgical fields, thereby providing wide surgical exposure. Our techniques are featured by 1) mastoidectomy preceding craniotomy for minimal bone loss; 2) removal of the tentorium over the tumor for achieving devascularization and wide exposure; 3) water-tight dural closure by using autologous fascia graft, non-penetrating titanium clips, and multi-layered technique for avoiding postoperative cerebrospinal fluid leakage.

The video can be found here: [http://youtu.be/zMlNE8kMcHA](http://youtu.be/zMlNE8kMcHA).

Key Words • petroclival meningioma • petrosal approach • mastoidectomy • video

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