

Endoscopic modified Lothrop procedure

With the development of new instruments and innovations in endoscopic techniques, the Draf type III/endoscopic modified Lothrop procedure (EMLP) has been widely used to treat intractable frontal sinus disease ¹⁾.

The endoscopic modified Lothrop procedure (EMLP) is well established for resistant frontal sinus disease and anterior skull base (ASB) exposure. However, this technique may be unnecessarily aggressive by removing avoidable sinonasal structures in select cases. Previously, Eloy et al in a cadaveric study, proposed a modification of the EMLP, termed the modified subtotal-Lothrop procedure (MSLP), to access the ASB and to address complex frontal sinus disease, for which access to the bilateral frontal sinus posterior table is required ^{2) 3)}.

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Weber R, Draf W, Kratzsch B, Hosemann W, Schaefer SD. Modern concepts of frontal sinus surgery. Laryngoscope. 2001;111(1):137-146.

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Eloy JA, Liu JK, Choudhry OJ, Anstead AS, Tessema B, Folbe AJ, Casiano RR. Modified subtotal lothrop procedure for extended frontal sinus and anterior skull base access: a cadaveric feasibility study with clinical correlates. J Neurol Surg B Skull Base. 2013 Jun;74(3):130-5. doi: 10.1055/s-0033-1338264. Epub 2013 Mar 15. PubMed PMID: 24436902; PubMed Central PMCID: PMC3709960.

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Eloy JA, Mady LJ, Kanumuri VV, Svider PF, Liu JK. Modified subtotal-Lothrop procedure for extended frontal sinus and anterior skull-base access: a case series. Int Forum Allergy Rhinol. 2014 Feb 5. doi: 10.1002/alr.21296. [Epub ahead of print] PubMed PMID: 24500861.

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