

Pengaruh perluasan pneumatisasi sinus sfenoid ke prosesus klinoid anterior terhadap risiko dehiscence dan protrusio arteri karotis interna dan saraf optik berdasarkan tomografi komputer = The influence of extensive pneumatization of sphenoid sinus to the anterior clinoid process against risk of dehiscence and protrusion of internal carotid artery and optic nerve based on computed tomography / Chitra Jenni

Chitra Jenni, author

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Abstrak

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Penelitian ini menilai hubungan dan faktor risiko perluasan pneumatisasi sinus sfenoid ke prosesus klinoid anterior (PKA) terhadap dehiscence dan protrusio AKI dan SO, dua struktur penting yang perlu diwaspadai dalam bedah yang melibatkan sinus sfenoid. Penelitian ini bersifat analitik dengan desain perbandingan potong lintang. Dari hasil penelitian diperoleh perbedaan yang bermakna antara dehiscence AKI, dehiscence SO, protrusio AKI, dan protrusio SO pada kelompok dengan pneumatisasi PKA dan tanpa pneumatisasi PKA ($p=0,004$, $p<0,001$, $p<0,001$, dan $p<0,001$). Sebagai kesimpulan, perluasan pneumatisasi sinus sfenoid ke PKA berhubungan dan merupakan faktor risiko terhadap dehiscence dan protrusio AKI dan SO di dinding superolateral sinus sfenoid.

ABSTRACT

This study assessed the relationship and risk factors of extensive pneumatization of sphenoid sinus to the anterior clinoid process (ACP) against risk of dehiscence and protrusion of ICA and ON, two important structures that need to watch out for in surgery involving sphenoid sinus. This study is an analytic study using cross-sectional comparative design. There is significant differences between dehiscence of ICA, dehiscence of ON, protrusion of ICA, and protrusion of ON in group with and without ACP pneumatization ($p=0.004$, $p<0.001$, $p<0.001$, and $p<0.001$). As conclusion, the extensive pneumatization of sphenoid sinus to the ACP is related to and is one of risk factor for dehiscence and protrusion of ICA and ON on superolateral wall of sphenoid sinus.