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STUDY OF CAROTICO CLINOID FORAMEN IN DRY HUMAN SKULLS OF NORTH INTERIOR KARNATAKA

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Category: Anatomy

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Abstract:

Variations in sellar region like the interclinoid bar and the carotico clinoid foramen may cause difficulty for clinoidectomy procedures. The present study is an effort to know more about carotico clinoid foramen in skulls of North Interior Karnataka region. For the present study, dry unknown human skulls were obtained from North Interior Karnataka region collected in the Department of Anatomy of BLDEU's Shri B.M.Patil Medical College, Bijapur. The carotico clinoid foramen were studied in the dry human skulls and were observed for various parameters like complete or incomplete, unilateral and bilateral. The data was analyzed statistically with chi square test. Carotico clinoid foramen was observed in 223 skulls and was found in 83(37.19%) skull bones. Amongst 223 skull bones, in 39 (17.47%) skulls the carotico clinoid foramen formed a complete foramen; and in 44 (19.71%) skulls it formed incomplete foramen. Complete bilateral carotico clinoid foramen was found in 23 skulls (10.31%) and complete unilateral was found in 16 skulls (7.16%).

Incomplete bilateral carotico clinoid foramen was found in 7 skulls (3.13%). Incomplete unilateral foramen was found in 37 skulls (16.58%) on right side -20 skulls (8.96%) and left side-17 skulls (7.62%). Detailed knowledge of carotico clinoid foramen will increase the success of the regional surgery.

Keywords: Carotico clinoid foramen, anteriorclinoid process, middle clinoid process, Interclinoidbar.

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