Localized Inferior Turbinate Fibrous Dysplasia – A case report and review of literature

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Abstract:

Fibrous dysplasia (FD) is a benign skeletal disorder in which abnormally overgrowing bony lesion replaces normal bone. The involvement of craniofacial bones is reported in 10% of FD cases, while the involvement of sinonasal cavity is extremely rare. we report one case of fibrous dysplasia monostotic type localized in the inferior turbinate in 23 years old libyan male with history of nasal obstruction , Careful endoscopic nasal examination and obtaining a CT scan led to a diagnosis of unilateral fibrous dysplasia of the inferior turbinate. Via endoscopic approach inferior turbinectomy was done. Histopathological examination confirmed the diagnosis of fibrous dysplasia. Appropriate follow up is important. Endoscopic approach is accessible to remove the tumor and improve nasal symptoms.

Key Words: Endoscopic sinus surgery, Fibrous dysplasia, Sinonasal neoplasm, Inferior turbinate, Nasal obstruction.

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