

# Clinical Presentation and Surgical Outcomes of Subfrontal Approach

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## Description

OGM are rare and usually benign tumors that arise from the midline of the anterior fossa at ethmoidal cribriform plate. They have some particularities comparatively to other intracranial meningiomas. OGM are slow growing tumors. Thus, patients are asymptomatic for a long period before diagnosis. The most common presenting symptoms are headaches, olfactory disorders, personality changes and visual impairment. Surgery, aiming to perform a complete tumor removal, is the main treatment. However, nearness to vascular and neural structures and extension into paranasal sinus rise real challenges. We intend through this series to review clinical presentation, radiological characteristics and surgical outcomes of OGM. Objectives: Between January 2010 and December 2016, 25 patients were admitted in the neurosurgery department of the National Neurology Institute of Tunisia for OGM. Data obtained from each patient's medical file was reviewed. Computed tomographic (CT) scans and/or magnetic resonance imaging (MRI) have assessed the diagnosis. All patients were operated on through a sub-frontal approach. Diagnosis was confirmed by anatomopathological examination. Seventeen patients (68%) had regular follow up in which clinical and imaging findings were reported. The mean follow-up period was three years. Results: The mean age of the patients was 49 years (range 23 - 74 years old). The female-to-male ratio was 1, 8. The mean consultation period was 10 months. The clinical findings revealed olfactory impairment as the most frequent symptom in 15 patients (60%), followed by headache in 14 patients (56%),

She has been working as a nurse in the Greek Red Cross since 2001 and as scientific scholar of the Department of Nursing (Western Greece University of Applied Sciences) since 2016. Such issues come back at a high personal and social price. Across EU countries, over 84,000 folks died because of mental state issues or by suicide in 2015. raise this folk with mental state issues United Nations agency die untimely from physical causes, like untreated chronic diseases. the prices associated with mental ill-health within the EU-28 are calculable to possess exceeded four-dimensional of gross domestic product, or quite €600 billion, in 2015. This includes each direct defrayal on health systems and Social Security programmes, and indirect prices associated with the likes of lower employment and lower productivity. These are conservative estimates, as they are doing not take into account social insurance or work-injury advantages, or the actual fact that the prices of treating a physical illness tend to be higher if the patient additionally includes a psychopathy