

Asymptomatic giant mucocoele

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Intracranial mucocoeles are benign cysts caused by mucous retention inside a sinus secondary to obstruction of its drainage orifice. These cysts are rare and most often appear in frontal sinuses (60%).

The most frequent symptomatology is intraorbital or paranasal with complications such as meningitis, meningoencephalitis or pneumoencephalus among others developing if the frontal mucocoele erodes the posterior wall.

Polyposis or malignant nasosinusal tumours

should be included within the differential diagnosis.

Treatment varies from conservative measures to surgery. We present the case of an 85-year-old male who was diagnosed with a giant mucocoele of the frontal sinus using cranial computerised tomography (CT) on suspicion of stroke. The CT demonstrated a left frontal lesion which was eroding the bone (Figure 1) and which was found to be a mucocoele of biopsy by nasal endoscopy. Conservative treatment was administered.



Figure 1. Cranial computerised tomography image in which a lesion of the left frontal sinus with associated bone erosion may be observed.

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RECEIVED: 10-4-2007

ACCEPTED: 10-3-2008