



MELANOMA AND MELANOCYTIC NAEVI

## BILATERAL OTA'S NEVUS: CASE REPORT

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Background: Ota's nevus is a congenital melanocytic nevus arising in the area supplied by the first and second trigeminal branches.

Observation: We studied a 49-year old white female with a congenital bilateral Ota's nevus, involving the skin as well as oral and ocular structures. Histological examination of the affected left periorbital area showed a normal epidermis with a moderate number of dendritic dermal melanocytes in the upper and middle dermis.

Currently the patient is been followed-up by the Department of Neurosurgery due to a right facial paralysis. Brain MR disclosed a bulbous-protuberant tumor, MR with spectroscopy impressed meningeal origin and the internal structure could contain melanin due to its signal in T1-T2. Systemic evaluation showed no evidence of distant disease. Because of the location of the tumor, a difficult access site for biopsy, it was decided to take expectant care with close clinical and imagenological follow-up.

Key message:

- Report an infrequent presentation of Ota's nevus. (Type IV, bilateral)
- This nevus and meningeal tumors shared neural crest origin (neurocutaneous syndrome). Melanoma arising in the choroid, brain, orbit, iris, ciliary body, or optic nerve in association with a nevus of Ota is well documented. Careful observation is necessary in this patients.

