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## Kissing nevus with ocular melanosis: A case report in Hail region, Saudi Arabia

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**Introduction:** Kissing nevus (also known as congenital melanosis bulbi or nevus fusco-ceruleus ophthamo-maxillaris) is a congenital nevus that affects parts of the upper and lower eyelid and owing to its name, because when the eyelids during closure approach and touch (kiss) each other. The entire eye as conjunctiva, sclera, cornea, retina and optic disc could be involved in this disease. The malignant transformation was described in many cases especially in oral, uveal and leptomenigeal melanosis. Unilateral presentation is classically seen in most cases. It is very frequent in Japanese descent and rarely in others descents. This is the first report in northern region of Saudi Arabia.

**Case report:** A 3 months old boy presented to the ophthalmology clinic in King Khalid Hospital, Hail, Saudi Arabia with a black discoloration of the left eyelids since birth, his family and medical histories were unremarkable. An Ophthalmic examination, the patient is fixing and following the objects normally, pupils equal, round and reactive to light and accommodation, intraocular pressure is 14 mmHg on both eyes. On inspection, the left eye showed dark pigmentation covering the lateral third of left upper and lower lids, along with dark scleral pigmentation. The iris is normal in both eyes. Dilated fundus examination showed dark choroid in left eye. The cycloplegic refraction is not significant bilaterally. The patient is given follow up every 6 months for possible complication.

**Result & Discussion:** Ota nevus is a rare nevus fusco-caeruleus ophthalmomaxillaris, mostly it is a benign unilateral melanocytosis, 80% of the patients were females 5 years of age and 48% of patients developed a nevus of Ota at or after birth compared to 11% between 1 and 10 years of age and 36% at puberty. In our patient who is 3 months old, came with unilateral black discoloration of upper and lower eyelids, the sclera discoloration and dark choroid. On fundoscopic examination furthermore the vision and ocular function was intact.

**Conclusion:** To our knowledge it is the first report in Northern Region in Saudi Arabia, which highlights the attention of this rare disease in our area. We recommend lifelong follow up (every 6 months) of diagnosed cases of Ota nevus to catch any melanoma changes or development of glaucoma.

### Biography

Rakan M Algorinees is a Medical Intern graduated from College of Medicine, Hail University in Saudi Arabia in June, 2016. He is very much interested in the research field regarding ophthalmology specialty. Currently, he is working on a research paper about a prevalence of myopia among medical students in Hail region, Saudi Arabia.

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