



MUCOSAL DISEASES (ORAL, ANOGENITAL), EXTERNAL EYE DISEASE

LABIAL MELANOTIC MACULE

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Introduction: Labial melanotic macules are benign pigmented lesions commonly found on the mouth and lips. The lesions are small, flat surface, well demarcated border, and vary in colour (black, brown, blue to grayish). Because of poor aesthetics appearance, all of the patients want to remove it. Clinically labial melanotic macules may resemble Peutz-Jehger Syndrome, Laugier Hunziker Syndrome and melanoma, so we must have complete history taking, physical examination, and laboratory so that the definitive diagnosis can be established in order to provide the appropriate management of the patient.

Observation: A 48 years old woman came with chief complaint multiple black spots on the lips since one year ago. The spots were not painful and not itch, but gradually spread to the gums and inside the mouth. Physical examination on labial, buccal and gingival region shows discrete multiple hyperpigmentation macular lesion with well demarcated border 1-5mm in size. Skin biopsy showed an increase in melanin cells lining the basal section. Examination of the nails, toes and genitalia were not found any abnormality. Gastrointestinal endoscopy examination found no polyps.

Key Message: Labial melanotic macules are benign pigmented lesions with increased melanin due to hyperactivity of the melanocytes. The differential diagnosis in this case are Peutz-Jehger Syndrome and malignant melanoma. Peutz Jehger Syndrome characterized by pigmentation of the lips and multiple gastrointestinal polyps. Laugier Hunziker syndrome characterized by pigmentation of the lips and nails, whereas malignant melanoma can be eliminated with dermoscope that shows malignant pattern. Three times cryotherapy in this patient showed significant clinical improvement. Based on history taking, physical examination and laboratory examination the patient were diagnosed with labial melanotic macule.

