

Ramathibodi

Case 5

- Chief complaint** Hyperpigmented patches on trunk, face since birth
Present illness Asymptomatic hyperpigmented patches on trunk and face
Past history He has normal development , no abnormal symptom
Family history His twin has similar lesions without any symptom
Physical examination
Normal appearance, not pale, no jaundice
No lymphadenopathy, no hepatosplenomegaly
Skin multiple brownish patches and macule on trunk and face
Darier's sign is positive



Fig. 1

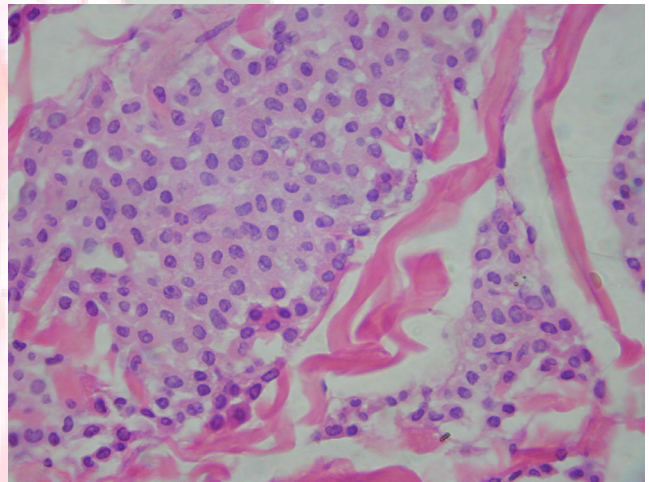


Fig. 2

Histopathology (S03-5945)

- Dense perivascular and nodular monomorphous infiltrate of mast cells (dark round or oval nucleus with abundant pale gray-purple cytoplasm containing delicate amphophilic granules), in the dermis

Diagnosis Urticaria pigmentosa
Presenter Paan Tan
Consultant Siripen puavilai

Comment

Urticaria pigmentosa (UP) or cutaneous mastocytosis is one of most common skin manifestation of mastocytosis with clinical lesions as small brownish macules or patches with variable amount of pruritus. Mutation was found as c-kit receptor with enhance function , not so much report cases of mastocytosis in twin. Most cases of UP in children resolve spontaneously.

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Reference

1. Noto G, Pravata G, Arico. Concordant urticaria pigmentosa in a couple of identical twin Acta Derm Venereol 1995 ;75: 499
2. Pec J, Palencarova E, Malisova S, Dobrota D. et al Urticaria pigmentosa in identical male twins Acta Derm Venereol. 1995 ;75 :244
3. Boyano T, Carrascosa T, Val J. et al Urticaria pigmentosa in monozygotic twins. Arch Dermatol. 1990 ;126 :1375-6

Hospital

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Interhospital
Dermatology
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