

Noninfectious Erythematous, Papular, and Squamous Diseases

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Pertinent findings in urticarial vasculitis include all except:

- Deficient C1 esterase inhibitor
- Circulating immune complexes
- Fibrinoid necrosis of the small vessels
- Granular deposits of complement at the DEJ and perivascular spaces

Answer

- Deficient C1 esterase inhibitor

This is a finding in a small percentage of patients with hereditary angioedema.

Correct associations of PUPPP include all except:

- Estrogen receptors in lesional epidermis
- Histopathology mimicking a hypersensitivity reaction
- Increased maternal weight gain
- Twin/triplet pregnancies

Answer

- Estrogen receptors in lesional epidermis

In cultures of human keratinocytes, taken from lesional skin, progesterone receptors have been found.

Histopathology of Psoriasis

| Characteristic | +/- or unchanged |
|-----------------------------------|------------------|
| Epidermal replication | |
| Keratohyaline granules | |
| K1/K10 keratins | |
| Intraepidermal CD8+ T lymphocytes | |
| ICAM-1 | |

Answers

| Characteristic | +/- or unchanged |
|-----------------------------------|------------------|
| Epidermal replication | + |
| Keratohyaline granules | - |
| K1/K10 keratins | - |
| Intraepidermal CD8+ T lymphocytes | + |
| ICAM-1 | + |

PLEVA vs MF?

| | Clonality | CD7+ | CD4>CD8 |
|-------|-----------|------|---------|
| PLEVA | | | |
| MF | | | |

Answers

| | Clonality | CD7+ | CD4>CD8 |
|-------|-----------|------|---------|
| PLEVA | + | + | - |
| MF | + | - | + |

Pertinent histopathologic differential diagnostic considerations for pustular psoriasis include all except:

- Bacterid reaction
- Dermatophyte infection
- Impetigo herpetiformis
- Sneddon-Wilkinson disease
- Pityriasis rubra pilaris

Answer

- Pityriasis rubra pilaris

Although PRP is in the differential diagnosis of psoriasis vulgaris, it does not usually show the pronounced pustular change of pustular psoriasis.

Associated histopathologic patterns with lichen planus include all except:

- Ulceration
- Bullous
- Acantholysis
- Hypertrophic
- Scarring alopecia

Answer

- Acantholysis