

a. Urticaria

Urticaria

- A. Lasts less than 24 hours (transient)
- B. May be idiopathic or triggered by infections, foods, medications
- C. Wheals: superficial dermal swellings characterized by pruritic edematous pink plaques with central pallor which may be small, large, papular, circinate, polycyclic, or annular



Urticaria

Photograph courtesy of SpringerImages Database, Springer Publishing Company

i. Urticaria – Dermatographism

Dermatographism

- A. A type of physical urticaria which is triggered by an external physical stimulus
- B. Wheals are usually located on stimulated skin
- C. Simple dermatographism—5 % of normal people represents an exaggerated physiological response
- D. Symptomatic dermatographism—linear wheals at sites of friction or scratching (figures a and b)



Urticaria – dermatographism
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ii. Delayed Pressure Urticaria

Delayed pressure urticarial

- A. Type of physical urticaria
- B. Deep red pruritic painful swellings at sites of sustained pressure after a delay of 30 min to 12 hours and may persist for days
- C. Common sites include the waistline below tight clothes, below elastic socks, feet in tight shoes, genitalia after intercourse, palms after manual work, soles after walking

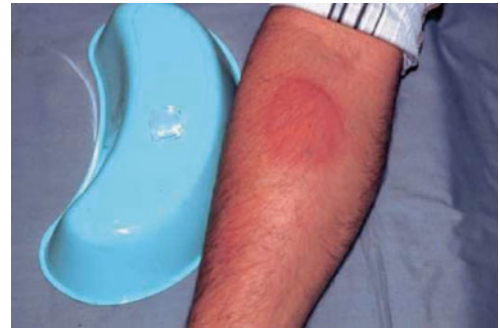


Delayed pressure urticarial
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iii. Cold Induced Urticaria

Cold induced urticaria

- A. A type of physical urticaria
- B. Whealing within minutes of rewarming after cold exposure such as rainy windy cold weather or after ice cube contact



Cold induced urticaria
Photograph courtesy of SpringerImages Database,
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iv. Cholinergic Urticaria

Cholinergic (heat induced) urticaria

- A. A type of physical urticaria
- B. Multiple transient papular monomorphic wheals (2–3 mm in diameter) surrounded by an erythematous flare
- C. Occur within 15 min of perspiration-inducing stimuli (e.g., physical exertion, hot baths, sudden emotional distress, alcohol, spicy food)



Cholinergic urticaria
Photograph courtesy of SpringerImages Database,
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v. Solar Urticaria

Solar urticaria

- A. A type of physical urticaria
- B. Itching and wheals occur within minutes after exposure to ultraviolet light or visible light on exposed areas

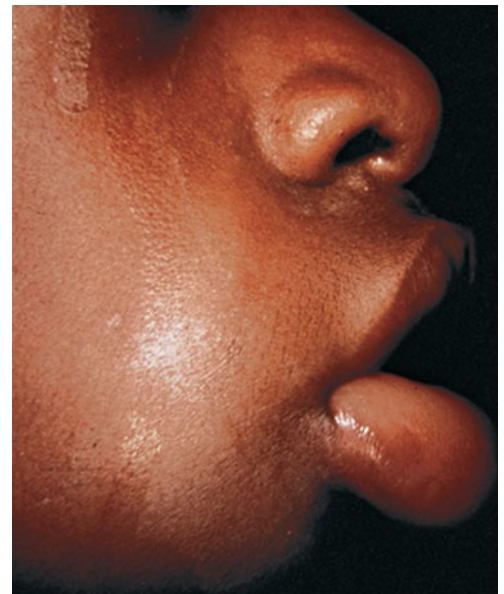


Solar urticaria
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b. Angioedema

Angioedema

1. Acute transient swellings without erythema deep in the dermis and subcutaneous tissue or submucosal tissue
2. Most commonly on the lips and periorbital area



Angioedema

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