

Case

- Healthy 18 year-old male
- 1 day of worsening pruritic rash on face
- ED Diagnosis: impetigo
- Admitted to ED-Observation IV antibiotics
- Next AM: rash extended toward lip and eye
- Derm Consulted















Meanwhile, 40 feet away...





Allergic Contact Dermatitis (to poison ivy: toxin = urushiol)

- Type IV, T-cell mediated hypersensitivity
- Eczematous reaction pattern
 - Acute: vesicles, erythema, serous fluid
 - Subacute: erosions, erythema, serous fluid
 - Chronic: scaling, lichenification, dyspigmentation
- Other important physical exam features
 - Symptoms: Pruritic, non-tender
 - Lines/ geometric shapes











Take-Home Points

- Skin reaction >4 hours after COVID vaccine does not preclude future COVID vaccine doses
- Cellulitis is tender
- Recognize retiform purpura
- Triple antibiotic ointment causes contact dermatitis

Thank you

- Course organizers
- My patients who allowed me to photograph them to benefit others

Key References

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