

# Peds Derm: Hot Cases (from a cold city)

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# Epidermolytic Hyperkeratosis



# Rothmund Thompson Syndrome



# Psoriasis



# Treatments for Childhood Psoriasis

## Topicals

- Corticosteroids, topical
- Calcineurin Inhibitors
  - Tacrolimus (Protopic)
- Calcipotriol (Dovonex)
- Topical Retinoid
  - Tazarotene (Tazorac)
- Tars, anthralin & keratolytics

## Systemics & Adjuncts

- Phototherapy
- Methotrexate (MTX)
- Cyclosporin A (CyA)
- Oral Retinoid (Acitretin)
- New Biologics
  - Enbrel , Raptiva, Humera
- Tonsillectomy
- Antibiotics

Chief complaint:  
“hemangioma” ...



# Parvovirus B19: Erythema infectiosum

- Incubation 4-14 days
  - Reticulocyte count drops
- 5-7 days: IgM Ab appears & viremia ends
- 14 days: IgG Ab appears (no viremia)
  - Rash
  - **Migratory arthralgias** (10% kids, up to 80% adults)  
(immune complex-mediated?)
    - Small joints hands, wrists, knees, ankles
    - Esp. adult women



# Parvovirus B19

- Complications
  - At-risk patients include those with increased RBC turnover or decreased RBC production
  - Transient aplastic crises
  - Fetal anemia
    - Can → hydrops or intrauterine demise (usually before 20 weeks)



# Herpes Zoster

- Reactivation of latent VZV infection in sensory root ganglia
- Often preceded by discomfort (less common in kids), malaise, HA, fever
- Initial lesions may be urticarial



# Roseola Infantum

- Aka Exanthem subitum or Sixth disease
- **HHV6, HHV7**
- Spring
- 6 months – 3 years
- 90% seropositive by 1 y.o.
- Transmission via respiratory secretions from asymptomatic shedders



# Gianotti-Crosti Syndrome

- Aka Papular acrodermatitis of childhood
- 6 months – 14 y.o. (mean 2 y.o.)
- Spring, early summer
- In USA, EBV most common virus
- In Europe, Hepatitis B most common virus
- ? Enhanced by immunizations



# Molluscum contagiosum

- MCV I, MCV II (pox viruses) → identical lesions
- Transmission via skin-to-skin contact, fomites
- Firm, umbilicated pearly papules with waxy surface
- Children (atopic dermatitis)
- Adults (STD)



# Unilateral laterothoracic exanthem

- Aka asymmetric periflexural exanthem of childhood (APEC)
- 6 months – 10 y.o.
- Spring
- Caucasians
- ? Viral etiology (Influenza, EBV, CMV, HHV6, HHV7)



# Neonatal Dermatology

1. Diaper rash

2. Infections

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