

Complex Pediatric Cases

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Acne fulminans



11-year-old male with rapid onset over the prior three months (9-18-2013)

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- Treated with a one month prednisone taper starting a 40mg daily and tapering by 10mg per week
- The last week of his taper we started isotretinoin 20mg daily

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10-22-2013



He began to flare after the prednisone was stopped and presented with fever and joint pain

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CRP = 3.5

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- Prednisone was restarted at 40mg daily x 1 month
- Isotretinoin was also continued at 20mg daily and increased to 40mg daily two weeks into the one month prednisone dose

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11-19-2013



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No more joint pain or fever. He's able to participate in gym class again

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- The prednisone was tapered over one month (10mg per day per week) and the isotretinoin was continued at 40mg daily...

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12-26-2013



When he reached 10mg of prednisone daily his mom notes he started to "feel bad" again.

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- At this point his prednisone was increased back to 15mg daily and his symptoms (joint pain, mildly elevated temp) resolved
- We checked a PPD and hepatitis panel (mom has chronic hep B) in anticipation of starting adalimumab
 - CBC was normal, no history of demyelinating disease or heart failure

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July 2014



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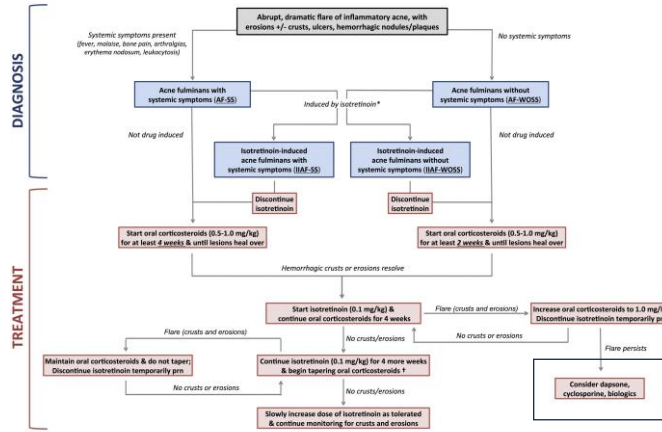


21



22

Acne fulminans



* Other agents such as isotretinoin and anabolic steroids have been implicated as well.
 † Tapering usually requires 4-8 weeks. See Therapy: Corticosteroid and Isotretinoin section for more details.

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23

8-year-old female, present since birth



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Palmoplantar keratoderma

- Any other symptoms?
 - Keratitis
 - Hearing
 - Periodontitis
 - Ichthyosis
 - Photosensitivity
 - Nail involvement
 - Sweating

26

Treatment options

- Emollients
- Lytics
 - Ammonium lactate
 - Salicylic acid
- Topical retinoids
- Systemic retinoids
- N-acetyl-cysteine
- Secukinumab
 - ARCI, ABCA12
- Bleach baths
- F.I.R.S.T., support groups, Camp Discovery

27

With ichthyosis

- Scalp
- Hearing
- Sweating
- Ensure testes are descended
- More red = emollients
- Thicker scale = lytics

28

Thank you

