Pearls from the Deep South
Summer AAD

July 25, 2019
9:00-11:00 am

Robert T. Brodell, MD
Professor and Chair
Department of Dermatology
University of Mississippi Medical Center
Jackson, Mississippi
MULTI-CENTER CLINICAL TRIALS:
   Genentech
   Janssen Pharmaceuticals
   Corrona Psoriasis Registry
   Novartis
   Glaxo-Smith-Kline
* NONE OF THESE ARE RELEVANT TO THIS PRESENTATION
Outline

- Procedural pearls X 2
- New disease
- Rare Disease
Procedural Pearls
# 1
If the whole pigmented lesion can be removed, DO IT!
Options

- Saucerization
- Punch
- Elliptical Excision
Scabies Prep Technique
2nd step (With a Twist)
Ink Burrow Test

- Fountain pen ink
- Rub across the interdigital webs
- Remove ink with alcohol after waiting 10-15 seconds
- Apply thin layer of mineral oil
- Scrape across ends of burrows ("firmly")
The Curette Prep: A Modification of the Traditional Scabies Preparation

Jacks SK, EA Lewis and PM Witman. TECHNIQUES FOR TOTS. Pediatric Dermatology Vol. 29 No. 4 544–545, 2012
# 3
New Disease
Gadolinium Associated Plaques (GAP)
Nephrogenic Systemic Fibrosis

- Kidney Disease
- Gadolinium exposure from radiology contrast media
- Widespread dermal fibrosis
- Histopathology: Sclerotic bodies (pink, finely-laminated globules surrounded by concentrically arranged spindled cells with loose fibrotic stroma)
- Field emission scanning EM (electron backscatter mode) gadolinium by energy dispersive spectroscopy in sclerotic bodies
- Each patient with sclerotic bodies ever described received the same type of gadolinium (gadodiamide contrast: OmniScan®, GE Healthcare, USA) – NSF occurs with all 5 types
Sclerotic Bodies Without NSF

- Kidney Disease
- Incidental finding in tails of nmsc excision
Why is this important?

- Omniscan™ is rarely used today. You may need to make this diagnosis without the benefit of sclerotic bodies on pathology!

Rare Disease
22 year-old African-American male with HIV presented with expanding depigmented patches on the arms and legs
Diagnosis?
Discoid Lupus Erythematosus

vs

Marginal Inflammatory Vitiligo
Treatment of Marginal Inflammatory Vitiligo
Superpotent Topical Steroid