

Sin Rashes – Describing Skin Lesions & A Pot Pourri

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Learning Objectives

- The learner will know how to accurately describe common rashes
- The learner will recognize patterns in rashes and the associated diseases
- The learner will know several risk factors and causes for common rashes

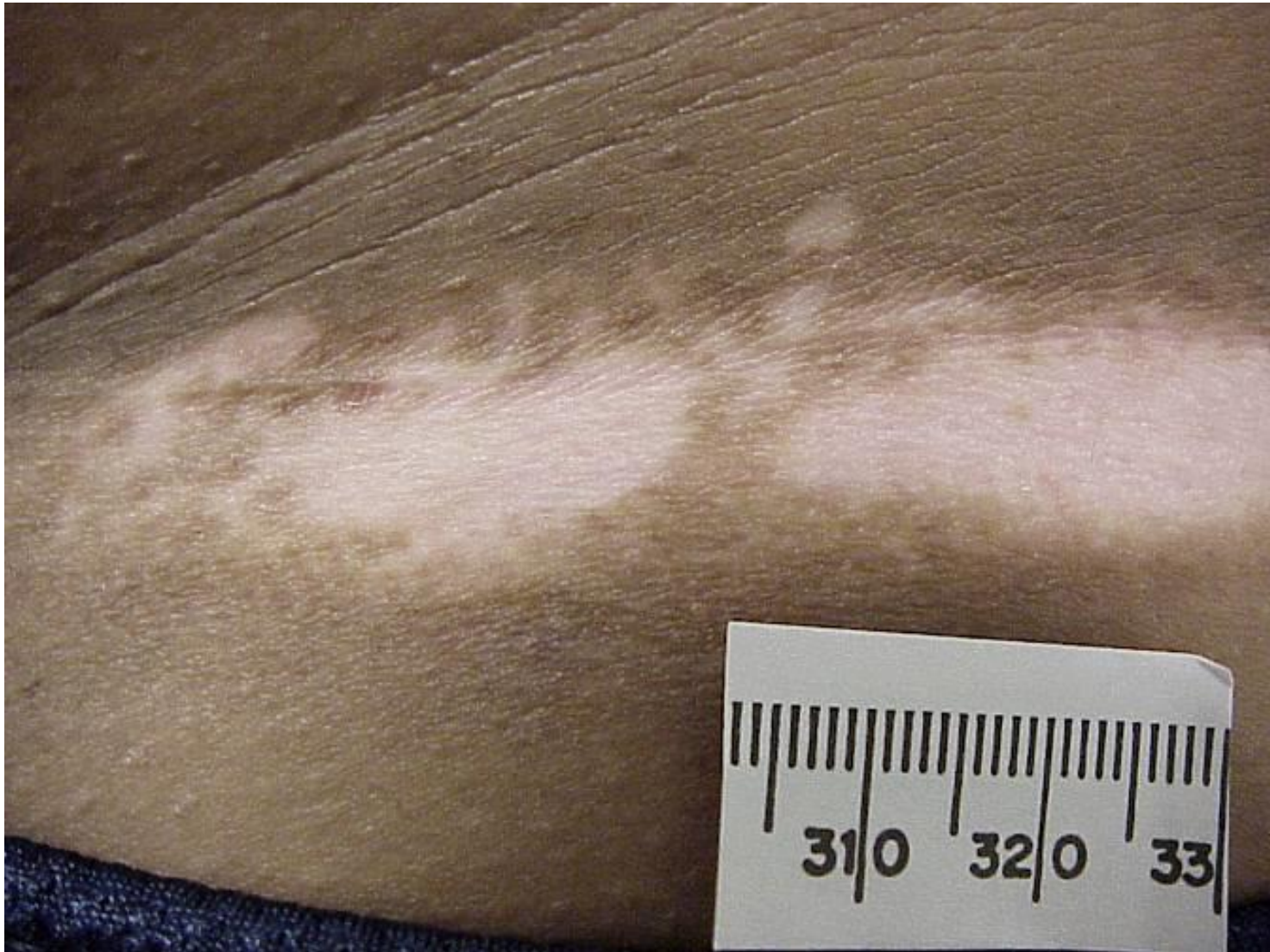
Description - Key Points

- Color
- Raised/Palpable vs. Non-Palpable
- Distribution
- Primary characteristics
- Secondary characteristics
- 5mm – The usual cut off point
- Magnification if needed

Color - Erythematous



Color - Hypopigmented



Color - Hyperpigmented



Color - Ecchymotic

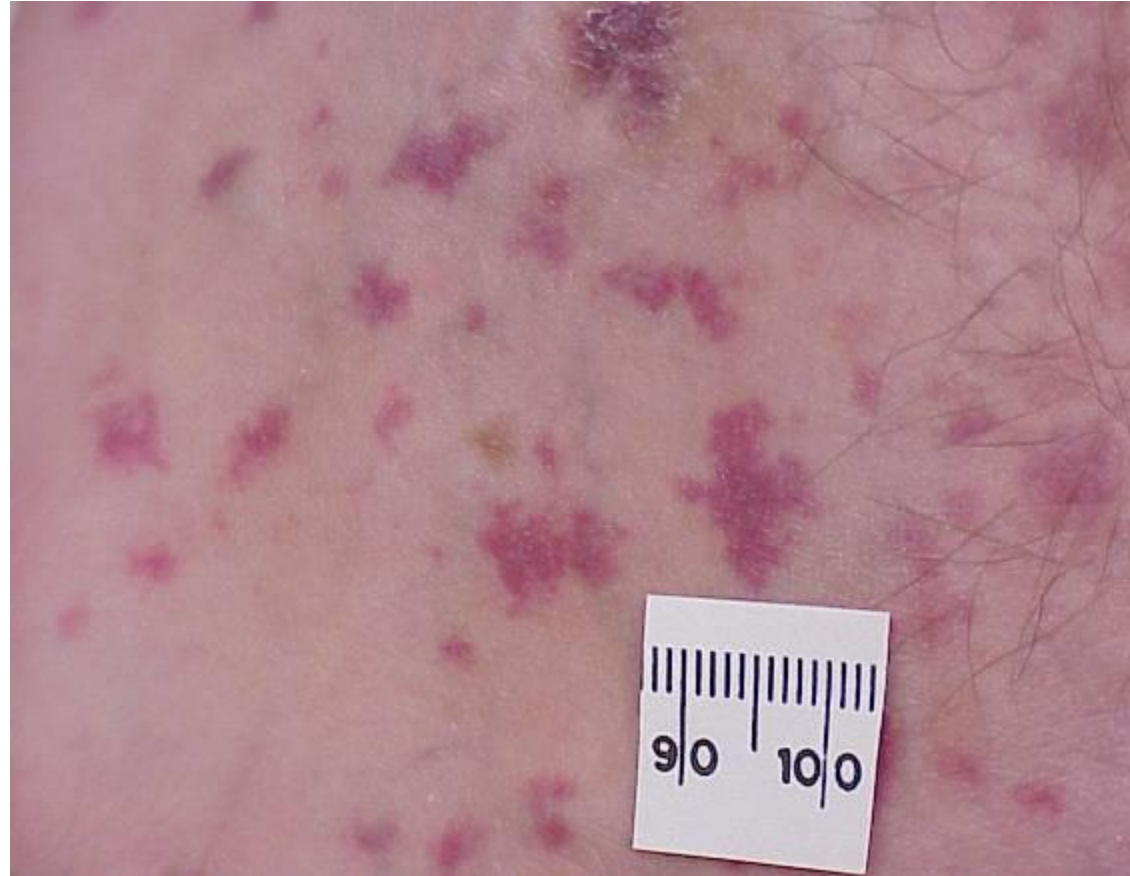


Blanching



Non Blanching

- Petechial < 5 mm
- Purpuric > 5 mm



Non-Palpable

Macule < 5mm

Patch >5 mm



Palpable

Papular < 5mm



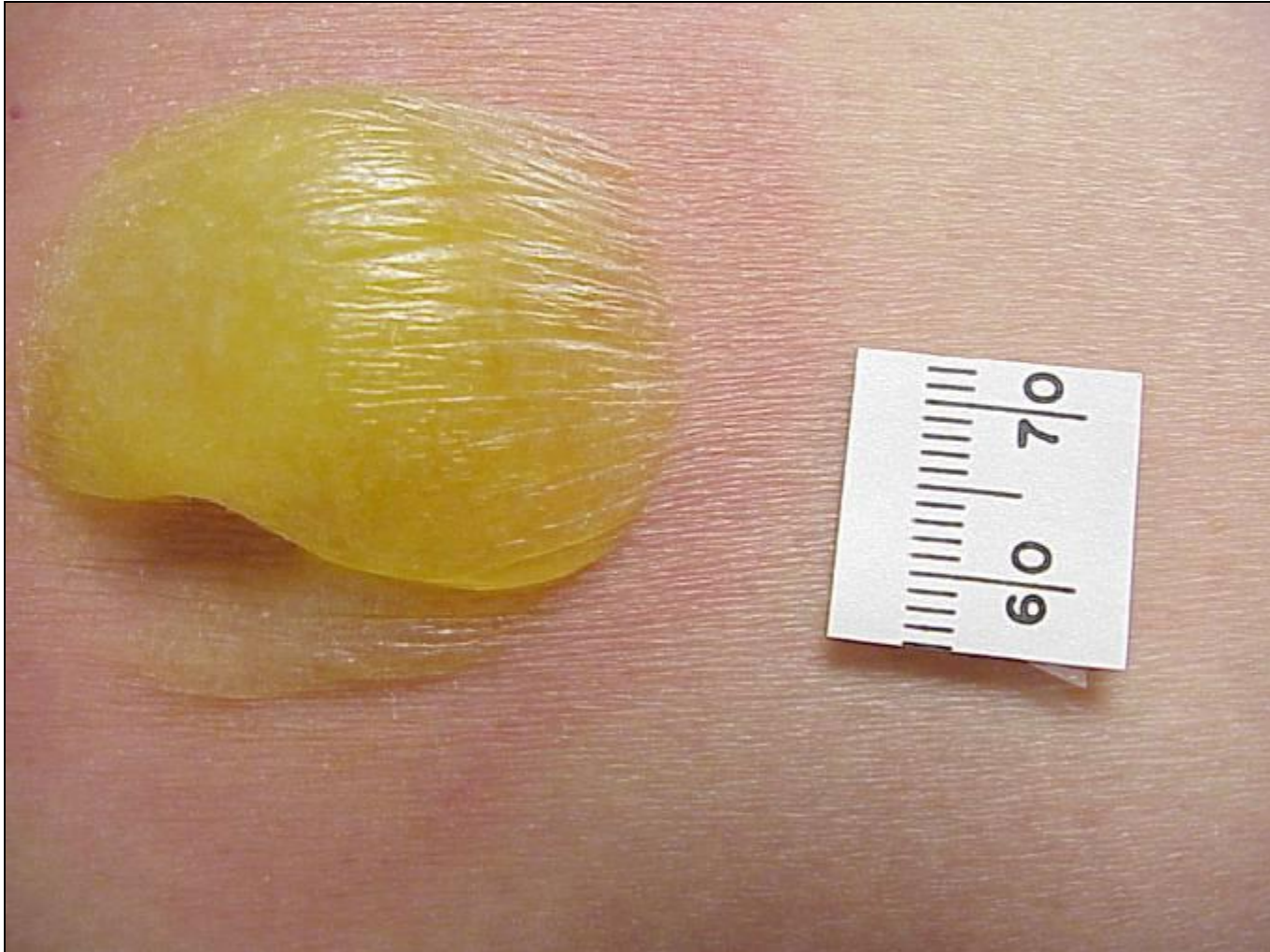
Plaque >5 mm



Fluid Filled – Vesicles <5 mm



Fluid Filled – Bulla >5 mm



Large Ruptured Bulla



Fluid Filled – Pustules <5 mm



EBM

- Bullous and Non-Bullous Impetigo are currently predominantly caused by Staph

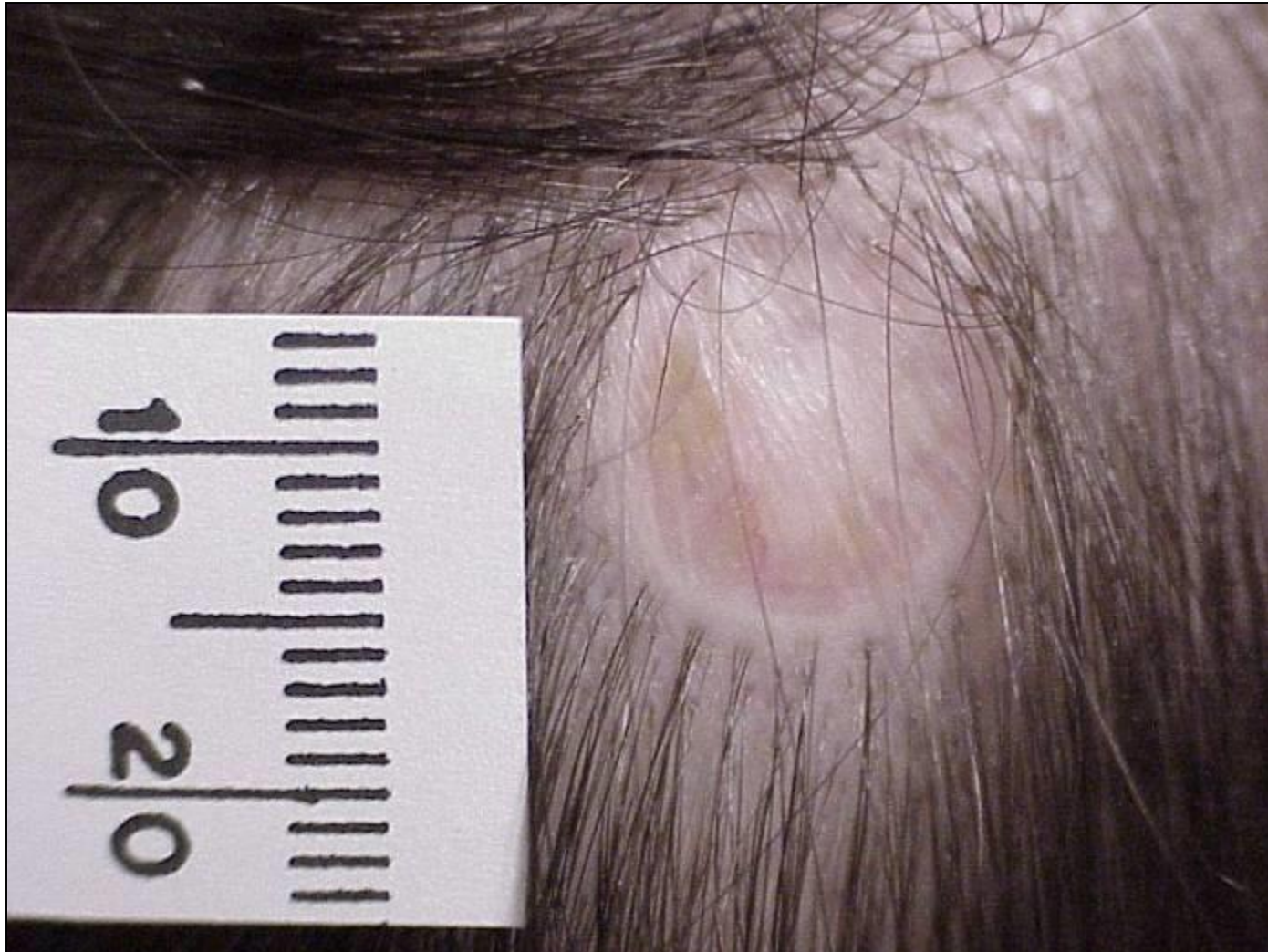


**Dynamed – AAFP reviewed Web Resource -
Systematic review of the medical literature
Accessed 3/5/2008**

Atrophy

- What level?
 - Epidermis
 - Dermis
 - Hypodermis = Subcutaneous

Atrophy – Epidermal and Dermal



Atrophy - Subcutaneous



Surface Characteristics

- Scale
- Verrucous
- Excoriated
- Crust
- Hairy

Secondary Characteristics

- What other features are present?
- What has happened to the lesions over time?
- Crusts / exudates
- Scale
- Excoriation – clue to itching
- Lichenification

Scale

Fine Scale



Waxy Scale



Crusts

- Honey colored – Impetiginized
- Can be bloody



Vesicle – Ruptured



Excoriated



Lichenified



Special Shapes



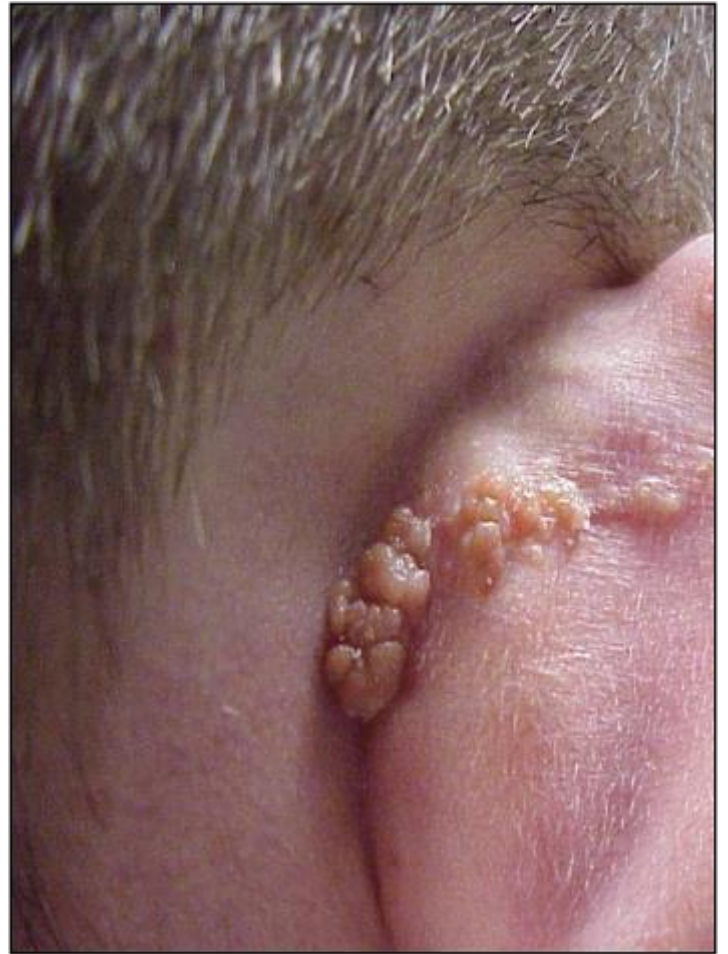
Shape

- Nummular - Coin shaped
- Linear
- Serpiginous - Snakelike
- Annular – Bordered by a raised ring
- Reticular – Net like
- Umbilicated

Nummular



Linear



Serpiginous - Snakelike



Courtesy Richard
Usatine, MD

Annular



Reticular – Net like



Umbilicated



Margins

- Sharply demarcated
- Diffuse margin
- Coalescing

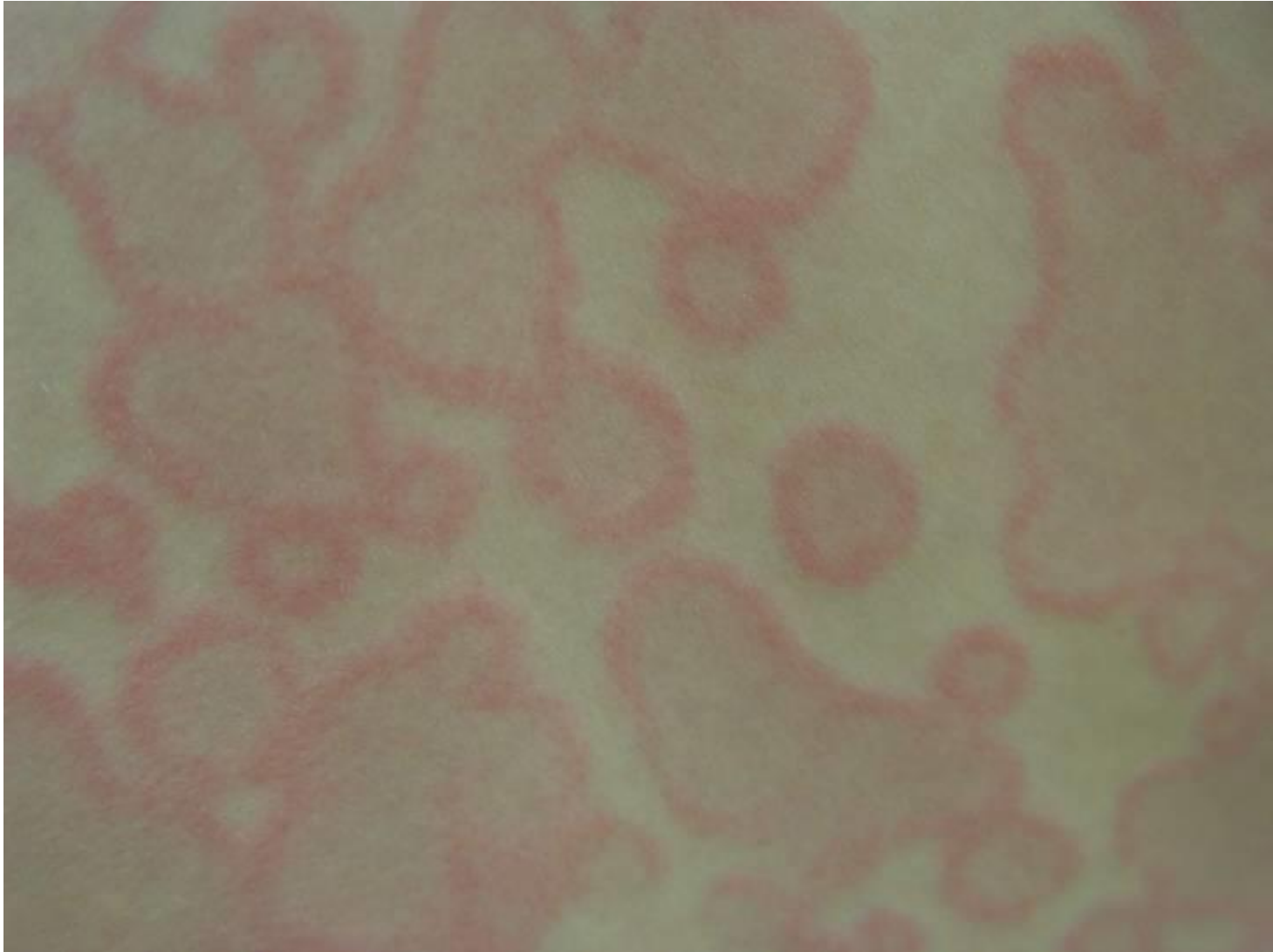
Sharply Demarcated



Diffuse Margins



Coalescing



Distribution

- Limited / Localized
- Diffuse
- Flexural
- Extensor
- Palmar
- Axillary
- Truncal
- Acral
- Unilateral, Bilateral / Symmetric
- Crural / Intertriginous
- Dermatomal
- Photodistributed
- Clothing related

Limited / Localized



Diffuse



Flexor



Extensor



Palmar



Axillary



Truncal



Acral – Peripheral Parts



Unilateral



Bilateral / Symmetric



Crural



Dermatomal



Photodistributed



Clothing Related



Now...Close your eyes

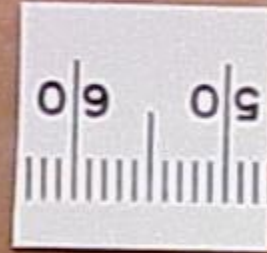
- Let's see what your mind can picture as I describe this next photo.
- Diffuse erythematous papular (<5mm) guttate (drop-like in Latin) rash with silvery scale
- History, had recent pharyngitis not necessarily strep

Diffuse erythematous scaly papular /
guttate rash

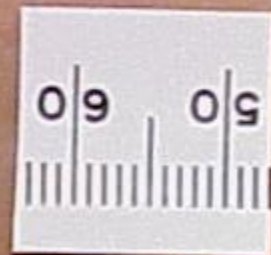


Audience Turn!

How would you describe this?



Localized geometric patch of
hypopigmentation with sharp
/discrete border



Resources

- Clinical Dermatology Fifth Edition Habif, Thomas. Mosby, www.Elsevier.com
 - List of disorders based on body location
 - List of disorders based on clinical appearance
- Differential Diagnosis in Dermatology Ashton, Richard. Radcliffe Medical Press
 - Flow sheets to aid in diagnosis based on body location, appearance and symptoms

Rashes

- Usually occur in patterns
- Location important
- Description
- Associated sx

4 yr Old With Rash

- Face then chest and arms
- Nasal congestion and low fever
- Slight itch

Diagnosis?

Young Woman with Rash

Diagnosis?

Another Happy Child

Young Man with Localized Lesion

Boy with Localized Rash

Young Woman with Facial Rash

23 yr Old Woman Who Went Camping

Sick Teenager

Complications

Middle-Aged Woman with Red Spots

Mildly ill Infant with Rash

Geriatric Patient with Rash

Every Day in NM

Another Sick Patient

- Fevers/Chills
- Malaise
- I feel like I was hit by a truck”

Febrile Child

Time Check/Questions

- Please contact us if you would like to teach our medical students in your practice!
- Dstulberg@salud.unm.edu