





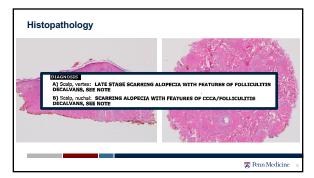
Poll Question:
Which of the following are you most concerned is the potential cause of this child's alopecia?
(Choose one)

A. Persistent dermatophyte infection
B. Seborrheic dermatitis
C. Scalp psoriasis
D. Primary scarring alopecia
E. Cutaneous rheumatological disease (lupus, sarcoidosis)

History of Presenting Illness 11yo M presents with 5-year history of scalp flaking, itching, pustules/crusting, and hair loss No nail pitting, joint pain, eyebrow/eyelash/body hair loss Past Medical/Surgical History/Medications/Allergies: G6PD, otherwise none Family History: grandmother with 1 year of hair loss as a child, unknown type, self-resolved No improvement with oral terbinafine/ketoconazole shampoo (for presumed tinea capitis) or tacrolimus ointment (for presumed scalp psoriasis) Dermatophyte screens (fungal cultures) negative x3 (2016, 2017, 2021) Aerobic culture swab 2021, MSSA positive → mild improvement with 1 week of cephalexin Punch biopsy x2 performed (vertex, occipital scalp)

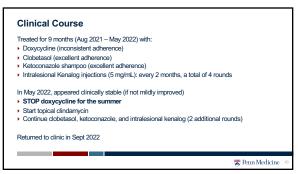
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Folliculitis Decalvans Neutrophilic primary scarring (cicatricial) alopecia Most commonly occurs in adults (middle aged men), but can occur in children Most commonly occurs in adults (middle aged men), but can occur in children Deministry 32 / 2021-560 and of potabilist carring alopecia. A retrospective review of 27 patients seen at Mayo Clinic.* Pediatric Deministry 33 / 2021-560 and pediatric scarring alopecia in unclear Suggrated by some to be a sindamanatory variant of central centrifugal cicatricial alopecia (CCCA) based on shared histological Indings and responses to treatment Spering, Learned C., Ariva R. Solmono, and David A. Whilling. "A new look at scarring alopecia." Archives of Dermatology 13-2 (2000): 235-24 Pathology Polytrichia, peri-intra-dificular neutrophis, mixed acute and chronic inflammation, follicid destruction in upper dermis Exam Pustules, scale, hair brits, indivartion, erythema (may be hard to appreciate in deeper skin tones), follicular dropout Treatment aimed at stopping inflammation and preventing progression Topical or intralesional corticosteroids, oral antibiotics, isotretinoin









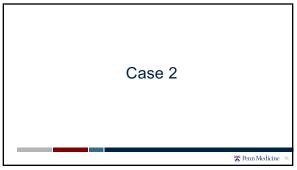


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Key Learning Points

- ▶ Primary scarring alopecia can occur in children and scalp biopsy is needed for
- An accurate diagnosis.
 The pathogenesis of folliculitis decalvans (FD) may involve an abnormal response to *Staph Aureus* FD may be an inflammatory form of central centrifugal cicatricial alopecia (CCCA)
- FD/CCCA can involve the occipital scalp, as well as the frontal/vertex scalp
 Systemic treatment is important for severe or extensive disease
 Recalcitrant cases may benefit from adalimumab

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Poll Question:
Which of the following is the most common cause of this type of alopecia?
(Choose one)

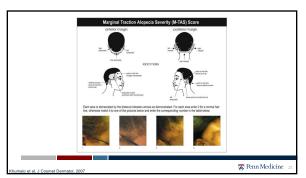
A. Age
B. Hormonal inbalance
C. Hairstyles with tension
D. Family history of hair thinning
E. Vitamin or mineral deficiencies

History of Presenting Illness 42yo F with eczema presents with 8-year history of hair loss Asymptomatic, no burning, itching, pain Hair practices include coloring every month, extensions (i.e. glue and sew-ins) to cover hair loss She frequently wears her hair in a ponytail No chemical relaxer or thermal styling use Past Medical/Surroial-History: epilepsy Eamily History: hair thinning in multiple family members Medications/Alteroias: noncontributory, no drug allergies

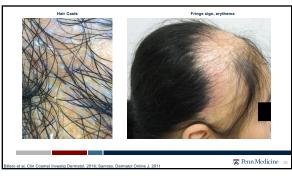
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Traction Alopecia Acquired form of hair loss due to frequent and prolonged mechanical tension on the hair strand and folicle Associated haircare practices: light ponylails, braids, buns, extensions, headwraps/coverings, pins, chemical relaxers Commonly seen in women of African descent but can occur in persons of any racelethicityligender — There are descriptions in the literature of Intocion alopecia in Siah Mates. Anch Dermatol. 1980;12(11):1587 Sammod. A. (hen V. Zedeb. D. Price VII. Traction Alopecia in Siah Mates. Anch Dermatol. 1980;12(11):1587 Sammod. A. (hen V. Zedeb. D. Price VII. Traction Alopecia in Siah Mates. Anch Dermatol. 1980;12(11):1587 Sammod. Chen C. Zedeb. D. Price VII. Traction Alopecia in Siah Interior. Clinicopathologic Features. Anch Dermatol. 2010 1 Starts as reversible traction foliculitis (perifolicular crythema, papules, or pustules) → hair thinning and miniaturization → irreversible scarring alopecia Pathology Early: trichomalacia, increased teologenicatagen, mild perifolicular chronic inflammation Late: folicular miniaturization, loss of terminal hair folicides replaced with Biorous tracts; minimal inflammation Early: erythema, apopules, pustules, scale; fringe sign, hair casts Late: loss of folicular orsis, carring, minimal inflammation Traction and proventing scarring Topical or intallesional corticosteroids, oral antibiotics (if inflammatory), minoxidii (topical or oral), hair transplantation (end stage scarring)

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Clinical Course

- Patient offered and declined biopsy
 Diagnosed with androgenetic alopecia and traction alopecia

- Received intralesional Kenalog injections (5 mg/mL, 1 round) with mild improvement at 3 mos
 Counseled to stop wearing tight ponytails and avoid hair extensions
 Recommended topical minoxidil 5% foam daily (as of last clinic visit, patient had yet to start this)

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Key Learning Points

- ▶ Traction alopecia (TA) can occur in persons of any race, ethnicity, or gender
- TA can frequently occur with other types of hair loss; patients may be using hairstyles like extensions, braids, or wigs to camouflage hair thinning
- ▶ TA is biphasic: initially is reversible (non-scarring); over time becomes irreversible (scarring)
 - This can motivate patients to adhere to treatment and stop traumatic styling
- ▶ Consider low-dose oral minoxidil (LDOM) in patients who cannot tolerate topical minoxidil
- ▶ Hair transplantation is a viable treatment option for end-stage scarring TA

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