



Member Newsletter

2023 No. 001

Dear Member/Student,

Welcome to the latest World Trichology Society newsletter.



Current Trichological and Health News

1. Newly Developed “HairComb” Scoring System Appears To Show Strong Correlations With Underlying Percentage Hair Loss, Study Suggests

HCPlive reports research indicates that “a newly developed ‘HairComb’ scoring system showed strong correlations with underlying percentage hair loss, validating the model for future use by” patients with alopecia. The findings of the 250-patient study were published online in *JAMA Dermatology*.

2. Patients With Periodontitis May Have Significantly Increased Risk For Alopecia Areata, Researchers Say

Dermatology Advisor reports, “Patients with periodontitis have a significantly increased risk for alopecia areata,” researchers concluded in a study that included “68,703 participants each...in the periodontitis group and nonperiodontitis group.” The findings were published online in a research letter in the *Journal of the European Academy of Dermatology and Venereology*.

3. Triggers Other Than Food May Impact Atopic Dermatitis, Presenter Says

Healio reports, “Patients may worry about how food allergens impact atopic dermatitis, but there often is more to the story, according to a presentation” given at the American College of Allergy, Asthma & Immunology Annual Scientific Meeting by Kelly Maples, MD, Associate Professor of Pediatrics and Internal Medicine at Eastern Virginia Medical School. In the presentation, Dr. Maples discussed “intrinsic triggers,” such as “allergic sensitization, skin barrier dysfunction, impaired innate immunity, genetics, Th2 or allergic cytokines such as IL-4 and IL-13, thymic stromal lymphopoietin, proteases, substance P and nerve growth factor,” as well as “extrinsic triggers,” such as “cosmetics, clothing, soaps and detergents; environmental factors such as heat, humidity and aeroallergens; and personal aspects such as emotional stressors and the microbiome.”

4. Central Centrifugal Cicatricial Alopecia Not Tied To Any Comorbid Disorders, Study Suggests

Dermatology Advisor reports, “Central centrifugal cicatricial alopecia (CCCA) was not associated with any comorbid disorders,” investigators concluded in a study that included “153 patients with CCCA and 153 control patients.” The findings of the “retrospective cohort study” were published online ahead of print in a research letter in the Journal of the American Academy of Dermatology.

5. Men With Androgenetic Alopecia Who Undergo Hair Transplantation Surgery Have Less Loneliness, Anxiety, Depression Than Before Surgery, Study Finds

Dermatology Advisor reports, “Men with androgenetic alopecia (AGA) who undergo hair transplantation surgery have less loneliness, anxiety, and depression than before surgery, according to findings from a study.” For the study published in the Journal of Cosmetic Dermatology, “a total of 35 men with AGA who had hair transplantation surgery participated in a 1-year follow-up from 2021 to 2022 at a clinic in Tehran, Iran.”

6. Alopecia-Related Content On Instagram, TikTok Appears Primarily Promotional In Nature With A Lack Of Substantiated Medical Evidence, Study Concludes

Healio reports, “Alopecia-related content on Instagram and TikTok is primarily promotional in nature with a lack of substantiated medical evidence,” researchers concluded in a study that “identified the top 10 social media hashtags related to hair loss and collected the nine most popular posts for each hashtag on Instagram and the top 10 videos for each hashtag on TikTok.” The study revealed that “the overwhelming majority of popular hair loss-related content on Instagram and TikTok is made by individuals with no medical or dermatologic training.” The findings were published online in the Journal of Drugs in Dermatology.

7. In Small Study, Most Patients View Psoriasis As Unrelated To Obesity

HCPlive reports, “Research shows most patients with psoriasis view the condition as unrelated to obesity,” even though “weight loss has been shown to improve the severity of the skin condition.” The findings of the 24-patient study were published online in the British Journal of Health Psychology.

8. Researchers Analyze Current Hair Loss-Related Content On Instagram, TikTok

Dermatology Advisor reports, “Current social media hair loss-related content primarily promotes hair care products, services, or treatments presented by individuals lacking medical and dermatologic training,” researchers concluded after evaluating “the sources and content of hair-loss related information on Instagram and TikTok.” The findings were published in the Journal of Drugs in Dermatology.

Journal Articles

For journal publications, click on the URL under the title of the topic you wish to see and it will open to a *free* abstract of the article. For obtaining the full article, just follow the relevant prompts on the site (*a payment may be required for the full article*).



1. **The efficacy and safety of the combination of photobiomodulation therapy and pulsed electromagnetic field therapy on androgenetic alopecia**

Mi Soo Choi MD, Byung Cheol Park MD, PhD

<https://onlinelibrary.wiley.com/doi/full/10.1111/jocd.15490?>

2. **Rethinking of positive effects of eggs on hair in East Asia**

Jina Jung BA, Ki Han Kwon PhD

<https://onlinelibrary.wiley.com/doi/full/10.1111/jocd.15469?>

3. **Minimally invasive procedures for the management of female pattern hair loss**

Daniel Fernandes Melo MSc, MD, Rita Fernanda Cortez de Almeida MD, Simone Carolina Frattini MSc, MD, Leopoldo Duailibe Nogueira Santos MD, Paulo Müller Ramos PhD, MD

<https://onlinelibrary.wiley.com/doi/abs/10.1111/jocd.15160?>

4. **The efficacy and safety of fractional lasers for alopecia in mono and adjunctive therapy: A systematic review and meta-analysis**

Ye-Lin Gao, Yuan Zhang, Jing-Cao Zheng, Yan-Ling Li MD

<https://onlinelibrary.wiley.com/doi/abs/10.1111/jocd.15293?>

1. **Skin-on-a-chip strategies for human hair follicle regeneration**

Subin Jeong, Yoojin Na, Hyeon-Min Nam, Gun Yong Sung

<https://onlinelibrary.wiley.com/doi/full/10.1111/exd.14699?>

JAMA Network™

1. **Nutritional Supplementation for Hair Loss**

Lara Drake, BA; Sophia Reyes-Hadsall, BS; Jeremy Martinez, BS; et al

<https://jamanetwork.com/journals/jamadermatology/fullarticle/2798840?>

International Journal of Cosmetic Science



SOCIÉTÉ FRANÇAISE DE
COSMÉTOLOGIE



1. **How different is human hair? A critical appraisal of the reported differences in global hair fibre characteristics and properties towards defining a more relevant framework for hair type classification**

G. Daniels, A. Fraser, G. E. Westgate

<https://onlinelibrary.wiley.com/doi/abs/10.1111/ics.12819?>

2. **Assessment of the anti-hair loss potential of *Camellia japonica* fruit shell extract *in vitro***

Jiyoung You, Jieun Woo, Kyung-Baeg Roh, Dehun Ryu, Youngsu Jang, Eunae Cho, Deokhoon Park, Eunsun Jung

<https://onlinelibrary.wiley.com/doi/abs/10.1111/ics.12827?>

1. **Management of alopecia areata in JAK-inhibitors era: are systemic and topical corticosteroids still useful?**

Gaetano Licata MD, et al.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/ijd.16500?>

2. **A systematic review of hair loss as a consequence of COVID-19**

Yasmine Abushukur BS, et al.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/ijd.16542?>

3. **Severe iron deficiency anemia causing trichorrhhexis nodosa – an unusual presentation**

Roshany Sakthibalan MBBS, et al.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/ijd.16560?>



1. **Prevalence of alopecia areata in Japan: Estimates from a nationally representative sample**

Toshihiko Aranishi, et al.

<https://onlinelibrary.wiley.com/doi/full/10.1111/1346-8138.16606?>

1. **Gene detection in a family with monilethrix and treatment with 5% topical minoxidil**

Qingli Shen, Zhonghua Fu, Pengqiang Du, Jianbo Wang

<https://onlinelibrary.wiley.com/doi/full/10.1111/srt.13233?>



JEADV

JOURNAL OF
THE EUROPEAN
ACADEMY OF
DERMATOLOGY &
VENEREOLOGY

1. **Periodontitis and risk of alopecia areata: A nationwide population-based cohort study in Korea**

Jong-Seung Kim, et al.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/jdv.18758?>

2. **Alopecia diagnoses in patients presenting to a specialty alopecia clinic with pityriasis amiantacea**

Maya S. Collins, et al.

<https://onlinelibrary.wiley.com/doi/abs/10.1111/jdv.18670?>

3. **The alopecia areata donut sign. Evidence of synchronous hair growth in adult humans**

Leila Asfour, Leslie N. Jones, Rodney D. Sinclair

<https://onlinelibrary.wiley.com/doi/abs/10.1111/jdv.18754?>

CONTACT DERMATITIS
CUTANEOUS ALLERGY
ENVIRONMENTAL AND OCCUPATIONAL DERMATITIS

1. **Aetiology of occupational hand eczema in hairdressers: tackling the complexity of exposure combinations to identify patterns associated with increased risk of hand eczema**

Martin S. Havmose, Wolfgang Uter, Olaf Gefeller, Jeanne D. Johansen

<https://onlinelibrary.wiley.com/doi/abs/10.1111/cod.14264?>

1. Pediatric pulse dose corticosteroid therapy dosing and administration in the treatment of alopecia areata: A review of literature

Natalya M. Gallaga MD, Brenda Carrillo BS, Allison Good MD, Ayezel Munoz-Gonzalez MD, Lindy Ross MD

<https://onlinelibrary.wiley.com/doi/abs/10.1111/pde.15209?>

QUESTION FOR CTE® CREDIT (FOR MEMBERS ONLY):
PLEASE EMAIL ANSWER TO:

INFO@WORLDTRICHOLOGYSOCIETY.ORG

In Shen et al.'s research article regarding "Gene detection in a family with monilethrix and treatment with 5% topical minoxidil", what was the result of using 5% topical minoxidil in treating monilethrix?

©2023 World Trichology Society
www.WorldTrichologySociety.org
Email: info@WorldTrichologySociety.org
T: 1-718-974-4242