

February 10 2024 NEDS Didactic Meeting

Peer-Reviewed Journal Articles Tied to Meeting Topics

1. Cost-Effectiveness in Dermatology

- i. Xia E, Han J, Faletsky A, Baldwin H, Belezny K, Bettoli V, Dréno B, Goh CL, Stein Gold L, Gollnick H, Herane MI, Kang S, Kircik L, Mann J, Nast A, Oon HH, See JA, Tollefson M, Webster G, Zip C, Tan J, Tapper EB, Thiboutot D, Zaenglein A, Barbieri J, Mostaghimi A. Isotretinoin Laboratory Monitoring in Acne Treatment: A Delphi Consensus Study. *JAMA Dermatol.* 2022 Aug 1;158(8):942-948. doi: 10.1001/jamadermatol.2022.2044. PMID: 35704293.
- ii. Barbieri JS, Margolis DJ, Mostaghimi A. Temporal Trends and Clinician Variability in Potassium Monitoring of Healthy Young Women Treated for Acne With Spironolactone. *JAMA Dermatol.* 2021 Mar 1;157(3):296-300. doi: 10.1001/jamadermatol.2020.5468. PMID: 33502462; PMCID: PMC7841575.

2. Emerging Therapies for Hidradenitis Suppurativa

- i. [Emerging Treatments and the Clinical Trial Landscape for Hidradenitis Suppurativa Part I: Topical and Systemic Medical Therapies - PubMed \(nih.gov\)](#)
- ii. [Emerging Treatments and the Clinical Trial Landscape for Hidradenitis Suppurativa-Part II: Procedural and Wound Care Therapies - PubMed \(nih.gov\)](#)

3. Genetic Syndromes in Dermatology

- i. [Absence of founder BRCA1 and BRCA2 mutations in cutaneous malignant melanoma patients of Ashkenazi origin - PubMed \(nih.gov\)](#)

4. Down Syndrome in Dermatology

- i. [Dermatologic conditions in Down syndrome - PubMed \(nih.gov\)](#)
- ii. [Down Syndrome | NEJM](#)

5. Machine Learning in Dermatology

- i. Davis MJ, Srinivasan G, Chacko R, Chen S, Suvarna A, Vaickus LJ, Torres VC, Hodge S, Chen EY, Preum S, Samkoe KS, Christensen BC, **LeBoeuf MR**, Levy JJ. A deep learning algorithm to detect cutaneous squamous cell carcinoma on frozen sections in Mohs micrographic surgery: A retrospective assessment. *Exp Dermatol*. 2023 Oct 21. doi: 10.1111/exd.14949.
- ii. Joshua J Levy, Matthew J Davis, Rachael S Chacko, Michael J Davis, Lucy J Fu, Tarushii Goel, Akash Pamal, Irfan Nafi , Abhinav Angirekula, Anish Suvarna, Ram Vempati, Brock C Christensen, Matthew S Hayden, Louis J Vaickus and **Matthew R LeBoeuf**. Intraoperative margin assessment for basal cell carcinoma with deep learning and histologic tumor mapping to surgical site. *Nature Precision Oncology* volume 8, Article number: 2 (2024).

6. Update on Lasers in Dermatology

- i. [Dermal Micro-coring for the Treatment of Moderate to Severe Facial Wrinkles - PubMed \(nih.gov\)](#)
- ii. [A novel 1726-nm laser system for safe and effective treatment of acne vulgaris - PubMed \(nih.gov\)](#)

7. Inpatient Dermatology

- i. Toker M, Nazarian RS, Srivastava P, Amin B, Wu B. Expanding the clinical phenotype of nuclear matrix protein 2 antibody-positive dermatomyositis. *JAAD Case Rep*. 2023 Feb 3;33:77-80. doi: 10.1016/j.jdcr.2023.01.019. PMID: 36873052; PMCID: PMC9982444.
- ii. Toker M, Ghersin H, Khanna U, Schwartz R, Kumthekar A, Wu B. IgA vasculitis and malignancy: A systematic review. *J Eur Acad Dermatol Venereol*. 2024 Jan;38(1):e41-e44. doi: 10.1111/jdv.19411. Epub 2023 Aug 21. PMID: 37561328.