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Progress toward diminishing the murkiness of Merkel cell A Clinician's Perspective 263 carcinoma management Warren R. Heymann, MD From the Dermatology 265 Sleep disturbance in adults with chronic pruritic dermatoses is **Foundation** associated with increased C-reactive protein levels Bottom line: Clinicians should consider the potential for sleep-related and cardiac comorbidities among patients with chronic pruritic dermatoses to reduce the risk of further medical morbidity. Sagar P. Patel, MD, Raveena Khanna, BA, Justin Choi, BA, Kyle A. Williams, BS, Youkyung S. Roh, BA, Michael S. Hong, BS, Nishadh H. Sutaria, BS, Thomas Pritchard, MPH, Madan M. Kwatra, PhD, and Shawn G. Kwatra, MD 273 Association of interleukin-6 and tumor necrosis factor- α with **Original Articles** mortality in hospitalized patients with cancer Bottom line: Hospitalized patients with cancer with rash and elevated interleukin-6 and tumor necrosis factor- α levels have a nearly 6 times decreased overall survival. Given the availability of tumor necrosis factor lphaand interleukin 6 inhibitors, these biomarkers may serve as potential therapeutic targets. Joseph R. Stoll, BTL, Toral S. Vaidya, MPH, Shoko Mori, MD, Stephen W. Dusza, DrPH, Mario E. Lacouture, MD, and Alina Markova, MD 283 Initial validation of the product of the signs global assessment and body surface area in atopic dermatitis Bottom line: This is a valid and feasible outcome measure for quickly measuring the signs of atopic dermatitis in clinical practice, improving patient assessment and follow-up. Christina Topham, BS, Dylan Haynes, BS, Molly Brazil, BS, and Eric Simpson, MD, MCR 290 Risk of systemic infections in adults with atopic dermatitis: A nationwide cohort study Bottom line: Clinicians should be aware of the increased risk of musculoskeletal, heart, and respiratory tract infections when treating adults with AD. Catherine Droitcourt, MD, PhD, Ida Vittrup, MD, Sandrine Kerbrat, MPH, Alexander Egeberg, MD, PhD, and Jacob P. Thyssen, MD, PhD 300 Dupilumab and the risk of conjunctivitis and serious infection in patients with atopic dermatitis: A propensity score-matched cohort study Bottom line: Although dupilumab shows a low risk of serious infections

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312 Quantitative metastatic lymph node burden and survival in Merkel cell carcinoma

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Anthony T. Nguyen, MD, PhD, Michael Luu, MPH, Diana J. Lu, MD, Omid Hamid, MD, Jon Mallen-St. Clair, MD, PhD, Mark B. Faries, MD, Nima M. Gharavi, MD, PhD, Allen S. Ho, MD, and Zachary S. Zumsteg, MD

321 Improved survival in women versus men with merkel cell carcinoma

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Clinical benefit of baseline imaging in Merkel cell carcinoma:
Analysis of 584 patients

Bottom line: Baseline imaging frequently changes management in patients with clinically node-negative as well as node-positive MCC.

Neha Singh, BS, Nora A. Alexander, BS, Kristina Lachance, MS,
Christopher W. Lewis, MD, Aubriana McEvoy, MD, Gensuke Akaike, MD,

David Byrd, MD, Sanaz Behnia, MD, Shailender Bhatia, MD, Kelly G. Paulson, MD, PhD, and Paul Nghiem, MD, PhD

Narrow excision margins are appropriate for Merkel cell carcinoma when combined with adjuvant radiation: Analysis of 188 cases of localized disease and proposed management algorithm

Bottom line: If adjuvant radiotherapy therapy is planned, narrower surgical margins are adequate, reduce morbidity, and minimize delay in initiating radiotherapy.

Erica S. Tarabadkar, MD, Teresa Fu, MD, Kristina Lachance, MS, Daniel S. Hippe, MS, Thomas Pulliam, BS, Hannah Thomas, BS, Janet Y. Li, MD, Christopher W. Lewis, MD, Coley Doolittle-Amieva, PA, David R. Byrd, MD, Jeremy T. Kampp, MD, Upendra Parvathaneni, MD, and Paul Nghiem, MD, PhD

Oral forms of secondary syphilis: An illustration of the pitfalls set by the great imitator

Bottom line: Clinicians confronted with subacute oral lesions in such patients should bear in mind the possibility of this contagious, curable, and sometimes severe disease. This article highlights that oral manifestations can be isolated and this may delay the diagnosis of secondary syphilis. Alexandre Lampros, MD, Vannina Seta, MD, Phillippe Gerhardt, MD, Camille Isnard, MD, Corinne Husson, MD, and Nicolas Dupin, MD

354 Evaluation of the fragility of pivotal trials used to support US Food and Drug Administration approval for plaque psoriasis

Bottom line: Additional consideration regarding trial design with more emphasis on conservation of resources in psoriasis is appropriate. Sophia Z. Shalhout, PhD, Romi Bloom, MD, Lynn Drake, MD, and David M. Miller, MD, PhD



Validation of a 40-gene expression profile test to predict metastatic risk in localized high-risk cutaneous squamous cell carcinoma

Bottom line: Incorporation of 40-GEP prognostication into clinical practice could support risk-aligned patient management decisions by complementing current staging systems.

Ashley Wysong, MD, MS, Jason G. Newman, MD, Kyle R. Covington, PhD, Sarah J. Kurley, PhD, Sherrif F. Ibrahim, MD, PhD, Aaron S. Farberg, MD, Anna Bar, MD, Nathan J. Cleaver, DO, Ally-Khan Somani, MD, PhD, David Panther, MD, David G. Brodland, MD, John Zitelli, MD, Jennifer Toyohara, MD, Ian A. Maher, MD, Yang Xia, MD, Kristin Bibee, MD, Robert Griego, MD, Darrell S. Rigel, MD, Kristen Meldi Plasseraud, PhD, Sarah Estrada, MD, Lauren Meldi Sholl, MS, Clare Johnson, RN, Robert W. Cook, PhD, Chrysalyne D. Schmults, MD, MSCE, and Sarah T. Arron, MD, PhD

370 Cross-sectional study of blood biomarkers of patients with moderate to severe alopecia areata reveals systemic immune and cardiovascular biomarker dysregulation

Bottom line: These data may be critical for providing patients with alopecia areata access to systemic treatments and for further development of targeted therapeutic approaches for various alopecia areata subgroups. Jacob W. Glickman, MA, Celina Dubin, BA, Yael Renert-Yuval, MD, Dante Dahabreh, BA, Grace W. Kimmel, MD, Kelsey Auyeung, BA, Yeriel D. Estrada, BS, Giselle Singer, BS, James G. Krueger, MD, PhD, Ana B. Pavel, PhD, and Emma Guttman-Yassky, MD, PhD

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The dermoscopic inverse approach significantly improves the accuracy of human readers for lentigo maligna diagnosis

Bottom line: Training in this method improved sensitivity for the diagnosis of LM from 51.5% to 83.6%, making it a useful tool.

Aimilios Lallas, MD, PhD, Konstantinos Lallas, MD,

Philipp Tschandl, MD, PhD, Harald Kittler, MD, PhD, Zoe Apalla, MD, PhD,

Caterina Longo, MD, PhD, and Giuseppe Argenziano, MD, PhD

Treating toxic epidermal necrolysis with systemic immunomodulating therapies: A systematic review and network meta-analysis

Bottom line: Combination therapy with corticosteroids and intravenous immune globulin should be considered by clinicians to treat toxic epidermal necrolysis.

Tsung-Yu Tsai, MD, I-Hsin Huang, MD, Yuan-Chen Chao, MD, Hua Li, MA, Tyng-Shiuan Hsieh, MD, Hsiao-Han Wang, MD, Yu-Ting Huang, MA, Chun-Yuan Chen, PhD, Ying-Chih Cheng, MD, Po-Hsiu Kuo, PhD, Yu-Chen Huang, MD, and Yu-Kang Tu, DDS, PhD

Tildrakizumab efficacy, drug survival, and safety are comparable in patients with psoriasis with and without metabolic syndrome:

Long-term results from 2 phase 3 randomized controlled studies (reSURFACE 1 and reSURFACE 2)

Bottom line: Tildrakizumab efficacy was comparable and durable in patients with psoriasis with versus without metabolic syndrome for up to 3 years; safety was consistent with the known profile of tildrakizumab. Mark G. Lebwohl, MD, Craig L. Leonardi, MD, Nehal N. Mehta, MD, MSCE, Alice B. Gottlieb, MD, PhD, Alan M. Mendelsohn, MD, Jeff Parno, MS, Stephen J. Rozzo, PhD, and M. Alan Menter, MD



Mucocutaneous disease and related clinical characteristics in hospitalized children and adolescents with COVID-19 and multisystem inflammatory syndrome in children

Bottom line: This study highlights novel mucocutaneous observations associated with SARS-CoV-2 infection, which may support recognition of infection and its potential relevance to prognosis and the development of diagnostic criteria for MIS-C.

Sergey Rekhtman, MD, PharmD, MPH, Rachel Tannenbaum, BS, Andrew Strunk, MA, Morgan Birabaharan, MD, Shari Wright, BS, and Amit Garg, MD

415 Hypertrichotic patches as a mosaic manifestation of Proteus syndrome

Bottom line: Most individuals with Proteus syndrome have hypertrichosis in an asymmetric distribution, a finding that should prompt consideration of this disorder and mosaic activation of phosphoinositide 3-kinase (PI3K)-protein kinase B (AKT) signaling.

Deeti J. Pithadia, BS, John W. Roman, MD, Julie C. Sapp, ScM, Leslie G. Biesecker, MD, and Thomas N. Darling, MD, PhD

Dermatologic Surgery 425 Thrombotic complications with interruption of direct oral anticoagulants in dermatologic surgery

Bottom line: This retrospective analysis suggests that perioperative interruption of direct oral anticoagulants appears to be safe and efficacious in dermatologic surgery.

Spyros M. Siscos, MD, Brett C. Neill, MD, Anjali Hocker Singh, CRA, and Thomas L. H. Hocker, MD

From the Academy

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Joint AAD—NPF Guidelines of care for the management and treatment of psoriasis with topical therapy and alternative medicine modalities for psoriasis severity measures

Craig A. Elmets, MD (Co-Chair), Neil J. Korman, MD, PhD, Elizabeth Farley Prater, MD, Emily B. Wong, MD, Reena N. Rupani, MD, Dario Kivelevitch, MD, April W. Armstrong, MD, MPH, Cody Connor, MD, Kelly M. Cordoro, MD, Dawn M. R. Davis, MD, Boni E. Elewski, MD, Joel M. Gelfand, MD, MSCE, Kenneth B. Gordon, MD, Alice B. Gottlieb, MD, PhD, Daniel H. Kaplan, MD, PhD, Arthur Kavanaugh, MD, Matthew Kiselica, BA, BS, Daniela Kroshinsky, MD, MPH, Mark Lebwohl, MD, Craig L. Leonardi, MD, Jason Lichten, MD, Henry W. Lim, MD, Nehal N. Mehta, MD, Amy S. Paller, MD, Sylvia L. Parra, MD, Arun L. Pathy, MD, Michael Siegel, PhD, Benjamin Stoff, MD, Bruce Strober, MD, PhD, Jashin J. Wu, MD, Vidhya Hariharan, PhD, and Alan Menter, MD (Co-Chair)



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