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745 Molecular risk prediction in cutaneous melanoma: A meta-analysis of the 31-gene expression profile prognostic test in 1,479 patients

Bottom line: The 31-gene expression profile test significantly augmented the ability to identify high-risk patients for heightened clinical surveillance. Bradley N. Greenhaw, MD, Kyle R. Covington, PhD, Sarah J. Kurley, PhD, Yildiray Yeniay, MD, Nhat Anh Cao, BS, Kristen M. Plasseraud, PhD, Robert W. Cook, PhD, Eddy C. Hsueh, MD, Brian R. Gastman, MD, and Maria L. Wei, MD, PhD

754 Melanoma incidence, stage, and survival after solid organ transplant: A population-based cohort study in Ontario, Canada

Bottom line: Intensified skin cancer screening and patient education may be warranted to promote early detection and prevention.

Christina K. Park, MD, MSc, Erin J. Dahlke, MD, Kinwah Fung, MSc, Jessica Kitchen, MSc, Peter C. Austin, PhD, Paula A. Rochon, MD, MPH, and An-Wen Chan, MD, DPhil

Risk factors for the development of cutaneous melanoma after allogeneic hematopoietic cell transplantation

Bottom line: The findings emphasize the importance of adherence to current surveillance guidelines (routine skin examination, photoprotection recommendations), particularly for transplant survivors at highest risk.

Megan M. Herr, PhD, Rochelle E. Curtis, MA, Margaret A. Tucker, MD, Heather R. Tecca, MPH, Eric A. Engels, MD MPH,
Elizabeth K. Cahoon, PhD, Minoo Battiwalla, MD, MS,
David Buchbinder, MD, Mary E. Flowers, MD, Ruta Brazauskas, PhD,
Bronwen E. Shaw, MBChB, PhD, and Lindsay M. Morton, PhD

773 Melanoma in a cohort of organ transplant recipients: Experience from a dedicated transplant dermatology clinic in Victoria,

Australia

Bottom line: The benign to malignant ratio of pigmented lesions in our cohort was 16:1.

Danit Maor, MBBS, MPH, Claire M. Vajdic, BOptom (Hons I), PhD, Simon Cumming, Grad Dip Comp Studies, Vanessa Fahey, MBBS, FRCPA, BMedSci, Harini R. Bala, MBBS, Victoria Snaidr, MBBS, FRACGP, Sarah Brennand, MBBS, BSc, FACD, Michelle S. Y. Goh, MBBS, BMedSci, FACD, and

780 Number needed to biopsy ratio and diagnostic accuracy for melanoma detection

Alvin H. Chong, MBBS, MMed, FACD

Bottom line: An individual health care practitioner with a lower NNB is likely to have a higher specificity than one with a higher NNB, but no conclusions can be made about their respective sensitivities.

Michael A. Marchetti, MD, Ashley Yu, Japbani Nanda, BS, Philipp Tschandl, MD, PhD, Harald Kittler, MD, Ashfaq A. Marghoob, MD, Allan C. Halpern, MD, and Stephen W. Dusza, DrPH



Risk of hand-foot skin reaction associated with vascular endothelial growth factor—tyrosine kinase inhibitors: A meta-analysis of 57 randomized controlled trials involving 24,956 patients

Bottom line: Dermatologists should pay particular attention to hand-food skin reaction associated with vascular endothelial growth factor receptor—tyrosine kinase inhibitors.

Fengxia Ding, MD, Bo Liu, MD, and Yaping Wang, MD

797 Inpatient teledermatology: Current state and practice gaps

Bottom line: Improvements centered on 3 practice gaps would increase use of teledermatology in the inpatient setting: ability to triage consultations, increased availability, and standardized reimbursement.

Emily A. Weig, MD, Rechelle Tull, MD, Jina Chung, MD, and Karolyn A. Wanat, MD

Natural language processing of Reddit data to evaluate dermatology patient experiences and therapeutics

Bottom line: Data from social media forums may be extracted using artificial intelligence and leveraged to study patient engagement and interest in treatments and trends in dermatology.

Edidiong Okon, BSE, Vishnutheja Rachakonda, BS, Hyo Jung Hong, BA, Chris Callison-Burch, PhD, and Jules B. Lipoff, MD

Incidence and outcomes of cutaneous angiosarcoma: A SEER population-based study

Bottom line: CAS age-, sex-, and race-adjusted incidence rates are dropping for patients without prior cancers but rising among those with other cancers before CAS. Surgery and/or radiation do not improve survival, highlighting the need for new therapeutic options.

Rosalynn R. Z. Conic, MD, PhD, Giovanni Damiani, MD, Alice Frigerio, MD, PhD, Sheena Tsai, MD, MPH, Nicola L. Bragazzi, MD, Thomas W. Chu, MD, Natasha A. Mesinkovska, MD, Shlomo A. Koyfman, MD, Nikhil P. Joshi, MD, G. Thomas Budd, MD, Allison Vidimos, MD, and Brian R. Gastman, MD

Increased mortality in patients with porphyria cutanea tarda—A nationwide cohort study

Bottom line: We found that patients with porphyria cutanea tarda have increased all-cause mortality and risk of death due to gastrointestinal diseases and cancer of the gut, liver/gallbladder, and lungs. Clinicians treating these patients must pay special attention to lifestyle and lifestyle-related comorbidities.

Anne Lindegaard Christiansen, MD, Axel Brock, MD, DMSc, Anette Bygum, MD, DMSc, Lars Melholt Rasmussen, MD, DMSc, and Peter Jepsen, MD, PhD



Increased regulatory T cells and eosinophils characterize atopic dermatitis—like graft-versus-host disease compared with lichen planus—like graft-versus-host disease

Bottom line: Increased eosinophils and regulatory T cells were found in atopic dermatitis—like graft-versus-host disease, which might be associated with the favorable outcome.

Kun Li, MD, PhD, Zhanglei Mu, MD, PhD, Guangdong Wen, MD, PhD, Yan Zhao, MD, PhD, Xu Cong, and Jianzhong Zhang, MD

Factors predictive of recurrence, metastasis, and death from primary basal cell carcinoma 2 cm or larger in diameter

Bottom line: These risk factors could be used to appropriately select basal cell tumors that would benefit from radiologic imaging, close follow-up, and potential adjuvant therapy.

Frederick C. Morgan, BSPH, Emily Stamell Ruiz, MD, MPH, Pritesh S. Karia, MPH, Robert J. Besaw, MPH, Victor A. Neel, MD, PhD, and Chrysalyne D. Schmults, MD, MSCE

The Validated Investigator Global Assessment for Atopic Dermatitis (vIGA-AD): The development and reliability testing of a novel clinical outcome measurement instrument for the severity of atopic dermatitis

Bottom line: This study developed a validated Investigator Global Assessment scale for atopic dermatitis to harmonize outcome assessments in clinical trials. The scale is freely available to dermatologists, investigators, and sponsors.

Eric Simpson, MD, Robert Bissonnette, MD, Lawrence F. Eichenfield, MD, Emma Guttman-Yassky, MD, PhD, Brett King, MD, PhD, Jonathan I. Silverberg, MD, PhD, MPH, Lisa A. Beck, MD, Thomas Bieber, MDRA, MD, PhD, Kristian Reich, MD, PhD, Kenji Kabashima, MD, PhD, Marieke Seyger, MD, PhD, Elaine Siegfried, MD, Georg Stingl, MD, Steven R. Feldman, MD, PhD, Alan Menter, MD, Peter van de Kerkhof, MD, PhD, Gil Yosipovitch, MD, Carle Paul, MD, PhD, Philippe Martel, MD, PhD, Ariane Dubost-Brama, MD, John Armstrong, PhD, Rajeev Chavda, MD, Steve Frey, MS, Yolandi Joubert, MSc, Marina Milutinovic, MD, Anne Parneix, MD, Henrique D. Teixeira, PhD, MBA, Chen-Yen Lin, PhD, Luna Sun, PhD, Paul Klekotka, MD, PhD, Brian Nickoloff, MD, PhD, Yves Dutronc, MD, Lotus Mallbris, MD, PhD, Jonathan M. Janes, FRCP, MFPM, Amy M. DeLozier, MPH, Fabio P. Nunes, MD, MMSc, and Amy S. Paller, MD

Hair abnormality in Netherton syndrome observed under polarized light microscopy

Bottom line: Netherton syndrome patients showed characteristic band-like hair patterns under polarized light, which were observed more often compared with trichorrhexis invaginata and may have potential utility as a diagnostic marker.

Daisuke Utsumi, MD, Masahito Yasuda, MD, PhD, Hiroo Amano, MD, PhD, Yasushi Suga, MD, PhD, Mariko Seishima, MD, PhD, and Kenzo Takahashi, MD, PhD



854 **Dermatologic Surgery** Racial differences in time to treatment for melanoma Bottom line: Targeted interventions to improve TTDS for black patients with melanoma are important in improving outcomes. Raghav Tripathi, MPH, Laura K. Archibald, MD, Rishabh S. Mazmudar, BS, Rosalynn R. Z. Conic, MD, PhD, Luke D. Rothermel, MD, MPH, Jeffrey F. Scott, MD, and Jeremy S. Bordeaux, MD, MPH Dermatopathology 860 Histologic features of melanoma associated with germline mutations of CDKN2A, CDK4, and POT1 in melanoma-prone families from the United States, Italy, and Spain Bottom line: Spitzoid morphology was associated with POT1 mutations, suggesting that telomere dysfunction (POT1 mutations) may contribute to spitzoid differentiation in melanocytic tumors. Michael R. Sargen, MD, Donato Calista, MD, David E. Elder, MBChB, Daniela Massi, MD, PhD, Emily Y. Chu, MD, PhD, Míriam Potrony, PhD, Ruth M. Pfeiffer, PhD, Cristina Carrera, MD, PhD, Paula Aguilera, MD, PhD, Llucia Alos, MD, PhD, Susana Puig, MD, PhD, Rosalie Elenitsas, MD, Xiaohong R. Yang, PhD, Margaret A. Tucker, MD, Maria Teresa Landi, MD, PhD, and Alisa M. Goldstein, PhD 870 Chilblain-like acral lesions during the COVID-19 pandemic ("COVID toes"): Histologic, immunofluorescence, and immunohistochemical study of 17 cases Bottom line: Chilblain-like lesions show findings comparable to those of idiopathic and autoimmune-related chilblains, and frequently contain vascular changes and immune deposits (immunoglobulins, complement, or both) on dermal vessels by direct immunofluorescence. Jean Kanitakis, MD, PhD, Cécile Lesort, MD, Marie Danset, MD, and Denis Jullien, MD, PhD 876 Treatments of actinic cheilitis: A systematic review of the **Reviews** literature Bottom line: Our systematic review highlights that laser therapy can be considered the treatment with the highest clinical response, followed by 5% imiquimod and photodynamic therapy alone or combined. Further larger studies are warranted to confirm these data.

Michela Lai, MD, Riccardo Pampena, MD, Luigi Cornacchia, MD, Giovanni Pellacani, MD, Ketty Peris, MD, and Caterina Longo, MD, PhD

Efficacy and tolerability of intralesional bleomycin in dermatology: A systematic review

Bottom line: Insufficient evidence was available to provide firm recommendations for bleomycin treatment in dermatology. However, intralesional bleomycin should be considered as a treatment option for recalcitrant warts.

Liora Bik, MD, Tobias Sangers, MD, Karin Greveling, MD, PhD, Errol Prens, MD, PhD, Merete Haedersdal, MD, PhD, DMSc, and Martijn van Doorn, MD, PhD



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Donovan G. Kearns, BA, Shelley Uppal, PhD, Vipawee S. Chat, BS, and Jashin J. Wu, MD

e253 Reply to "Varicella-like exanthem as a specific COVID-19-associated skin manifestation: Multicenter case series of 22 patients": To consider varicella-like exanthem associated with COVID-19, virus varicella zoster and virus herpes simplex must be ruled out

Mar Llamas-Velasco, MD, PhD, Pedro Rodríguez-Jiménez, MD, Pablo Chicharro, MD, Diego De Argila, MD, Patricia Muñoz-Hernández, MD, and Esteban Daudén, MD, PhD

e255 Response to: "Reply to 'Varicella-like exanthem as a specific COVID-19-associated skin manifestation: multicenter case series of 22 patients': To consider varicella-like exanthem associated with COVID-19, virus varicella zoster and virus herpes simplex must be ruled out"

Angelo Valerio Marzano, MD, and Giovanni Genovese, MD

e257 Comment on: "To consider varicella-like exanthem associated with COVID-19, virus varicella zoster and virus herpes simplex must be ruled out. Characterization of herpetic lesions in hospitalized COVID-19 patients"

Diego Fernandez-Nieto, MD, Daniel Ortega-Quijano, MD, Ana Suarez-Valle, MD, Patricia Burgos-Blasco, MD, Juan Jimenez-Cauhe, MD, and Montserrat Fernandez-Guarino, MD, PhD

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