Mohs Surgery In 2020: Advances and Innovations

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Abstract

Mohs micrographic surgery is a specialized frozen section surgical excision technique that is tissue sparing and provides optimal margin control through evaluation of 100% of both the peripheral and deep margins. It is considered the most effective technique for treating basal cell carcinomas (BCCs) and squamous cell carcinomas (SCCs). Recent advances in immunohistochemical staining have also enhanced the ability of Mohs surgeons to interpret melanoma and treat melanomas with low recurrence rates and excellent cosmesis. These advances, coupled with an increased recognition by professional organizations of the utility of Mohs micrographic surgery in treating cutaneous melanoma, have led to a rise in the use of Mohs surgery for cutaneous melanoma in recent years. Given the expanding role of Mohs surgery in the treatment of cutaneous melanoma, it is important to review the current evidence regarding the use of Mohs surgery for cutaneous melanoma, review the immunohistochemical stains currently available, and consider special situations for Mohs surgery and melanoma. A series of cases will be presented, highlighting these expanding applications and innovations in Mohs micrographic surgery. Reconstruction is part of every Mohs micrographic surgery case and as such, reconstructive dilemmas, solutions and techniques will also be presented and discussed.

Recent Publications

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Alhaddad M, Zade J, Nabatian A, Kriegel D, **Khorasani H.** Association Between Surgeon-Specific Features and Number of Stages, Flaps, and Grafts in Mohs Micrographic Surgery: A Retrospective Observational Study of 59 Early-, Mid-, and Advanced-Career Mohs Surgeons. Dermatol Surg. 2017;43(11):1358-1362.

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Khorasani H, Zheng Z, Nguyen C, Zara J, Zhang X, Wang J, Ting K, Soo C. A quantitative approach to scar analysis. Am J Pathol. 2011;178(2):62



Biography

Dr. Khorasani is the Chief of the Division of Dermatologic and Cosmetic Surgery at Mount Sinai School of Medicine and a triple board certified, fellowship-trained skin cancer and cosmetic surgeon. He is a diplomate of the American Board of Dermatology (Procedural Dermatology), American Board of Cosmetic Surgery, and American Board of Facial Cosmetic Surgery.

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