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Oculoplastic and periocular reconstruction

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The integrity of the globe and its function, as well as the preservation of the eyelid function and a good cosmesis is crucial factors to consider, when confronting with the reconstruction of the eyelid and periocular area. Failure to recreate free margins and anatomical landmarks will have dire consequences for the comfort and visual performance for patients. The purpose of this presentation is showing a systematic review of the basic principles and surgical repairs when confronting with eyelid defects.

Biography

Maria Alejandra Valenzuela Arellano obtained her medical and ophthalmology degree in Chile, completing four fellowships in Canada and Australia: two of them in Orbit and Oculoplastics, and the others in Pediatric Ophthalmology & Strabismus, and Pediatric Ocular Oncology. Dr. Valenzuela's main areas of research are orbital and ocular adnexal tumors, systemic disorders with orbital/eyelid involvement, rehabilitation of the anophthalmic socket, and lacrimal outflow disturbance in children and adults. Dr. Valenzuela developed the first tertiary orbital and reconstructive periocular service for the entire east coast of Canada, until she was recruited by Tulane University in 2011. Since then, she is actively involved in residency training and continues developing her medical research and innovative surgical techniques for the southern United States. Dr. Valenzuela is a reviewer in over a dozen of scientific journals; she has over 300 presentations and more than 70 national and international publications.

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