

MEETING ABSTRACT

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Thumb reconstruction - down memory lane

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From 10th Congress of the Asia-Pacific Federation of Societies of Surgery fo the Hand and the 6th Congress of Asia-Pacific Federation of Societies of Hand Therapists
Kuala Lumpur, Malaysia. 2-4 October 2014

The importance of the thumb can be gauged from ancient Indian mythology where it is mentioned in the Mahabharatha. Drona poignantly demands the thumb as a gift for his gurudakshina from Ekalavya. As mentioned by Napier, the absence of the thumb, whether congenital or post-traumatic, significantly impairs hand function. Although technical advances have led to changes in surgical methods, the general surgical philosophies of thumb reconstruction have remained relatively constant since their inception. A brief review of the evolution of thumb reconstruction outside of microsurgical techniques is outlined and we have practiced these techniques for the past 25 years. The available procedures within a flexible protocol helps guide the clinician in planning thumb reconstruction. We follow an algorithm where we target restoration of length first followed by stability and finally mobility. The results of various standard options of thumb reconstruction, technical tricks, tips and the pitfalls are shown.

Published: 19 May 2015

doi:10.1186/1753-6561-9-S3-A8

Cite this article as: Kumar: Thumb reconstruction - down memory lane.
BMC Proceedings 2015 **9**(Suppl 3):A8.

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