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Post-traumatic distraction osteogenesis lengthening of the shortened fingers

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Background: Distraction osteogenesis lengthening is a method of finger reconstruction. This study presents and evaluates the use, complications and outcome of distraction osteogenesis lengthening of post traumatic amputated fingers.

Methods: 20 post traumatic shortened digits in 15 patients underwent distraction osteogenesis lengthening as a method for reconstruction after loss of the fingers. We reviewed outcomes, complications after completion of the procedure.

Results: The results are good and satisfactory regarding the function and cosmesis, especially in the amputated thumb cases. There were no major complications, difficult to deal with.

Conclusion: Distraction osteogenesis lengthening can be used as an alternative reconstructive method especially if there is any contraindication for the use of other difficult options of reconstruction like microsurgical procedures.

Biography

Mohamed Elsayed Mohamed has completed his Master's degree in General Surgery (Plastic Surgery), Ain Shams University, 2007 and PhD in Plastic and Reconstructive Surgery from Mansoura University in 2015. He worked as a Trainer at Egyptian Fellowship of Plastic and Reconstructive Surgery 2016. He is an Associate Member of Egyptian Society of Plastic Surgeons (ESPRS) 2008-2016 and International Member of American Society of Plastic Surgeons (ASPS) 2016. He is an Active Member of International Society for Burn Injuries (ISBI) 2016 and Egyptian Society of Plastic Surgeons (ESPRS) 2016. He worked as a Consultant of Plastic Surgery, Director of Operating Theaters (2014-2015) and currently as the Director of Emergency and Critical Care Department, Ahmed Maher Teaching Hospital (2016- till now). He works as an Observer-ship in MD Anderson, Plastic Surgery Department, (2016), Houston, Texas, USA and Linkoping University Hospital, Plastic Surgery Department. He has received his research fellowship from (15th May- 19th June 2016), Linkoping, Sweden, Advanced Burn Life Support, American Burn Association, Uppsala, Sweden, 2016.

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