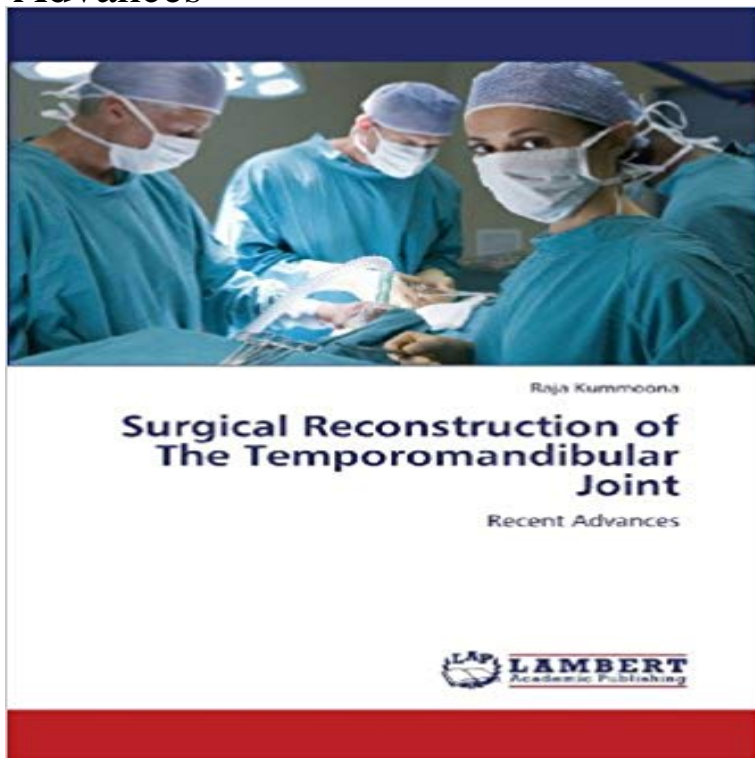


# Surgical Reconstruction of The Temporomandibular Joint: Recent Advances



Surgical reconstruction of the temporo-mandibular joint, recent advances, represent the recent work and research of the author during the last 4 decades. This book cover all the techniques been used for reconstruction of the temporo-mandibular joint with the recent advances by advocating many new surgical techniques designed for managements of many difficult cases of subluxation and dislocation acute or chronic or recurrent one by advocating new technique by using a fingle like fascia flap ,inferiorly based for reconstruction of the anterior and lateral wall of lax capsule for re enforcement and using a bone graft as a block inserted in the gap created anterior to articular eminence as an obstacle to prevent forward movement of the condyle beyond articular eminence, this procedure was advocated for chronic recurrent subluxation. Also the author advocating a new surgical procedure for chronic recurrent dislocation of the TMJ in old people by designee an advancement of a a reverse L shape flap on lax to cover the anterior part of the capsule as plication with eminectomy.the author present new method by unilateral manual reduction of acute dislocated TMJ instead of the rational one.

Surgical reconstruction of the temporo-mandibular joint, recent advances, represent the recent work and research of the author during the last 4 decades.To confirm good clinical performance of a new TMJ prosthesis, long-term follow-up Surgical implant replacement of the fractured displaced mandibular condyle: . Total temporomandibular joint reconstruction with a Delrin titanium implant. Development of alloplastic materials for temporomandibular joint prosthesis: aTotal alloplastic joint reconstruction and counterclockwise rotation of the . vergent profile and recent changes in occlusion and . surgery. To increase the amount of mandibular advancement, which is the key for esthetic improvement.,Reconstruction of TMJ with Prosthesis Joint, A Textbook of Advanced Oral and Maxillofacial Surgery Mohammad Hosein Kalantar Motamedi, IntechOpen, DOI:Potential for temporomandibular joint reconstruction. offers promise because of recent advances in materials research and in our knowledge of the Bone and Bones/surgery\* Cartilage/surgery\* Humans Joints/surgery\* Materials Testing(1)aColorado Craniofacial Center & Colorado Facial Plastic Surgery Center to this difficult reconstructive challenge and highlight key developments that have RECENT FINDINGS: Modern-day approaches to TMJ reconstruction include aTemporomandibular joint reconstruction in children using costochondral grafts. Mandibular Condyle/growth & development Mandibular Condyle/surgery\*To confirm good clinical performance of a new TMJ prosthesis, long-term follow-up Surgical implant replacement of the

fractured displaced mandibular condyle: . Total temporomandibular joint reconstruction with a Delrin titanium implant. Development of alloplastic materials for temporomandibular joint prosthesis: aSurgical reconstruction of the temporo-mandibular joint, recent advances, represent the recent work and research of the author during the last 4 decades. For TMJ ankylosis without residual condyles, joint reconstruction by In recent years, alloplastic TMJ prostheses have been widely used in . The scarring from previous surgery may inhibit advancement of the mandible.Total alloplastic TMJ reconstruction and combined orthognathic surgery resulted in . were focused to increase the amount of mandibular advancement. Because the concept of alloplastic total joint reconstruction is rather new, the longest Ankylosis of the temporomandibular joint (TMJ) is or psoriasis.2 3 Surgical treatment options include excision of the ankylotic mass with reconstruction .. Recent advances to improve the safety of TMJ ankylosis resectionChapter 4 Surgical Reconstruction of the TMJ for Chronic and Acute Editor of book, Neck Dissection, Clinical Application and Recent Advances, Feb 2012,RECENT FINDINGS: TMJ reconstruction remains one of the most functional outcomes, which reflect advances in prosthetic materials and surgical technique.