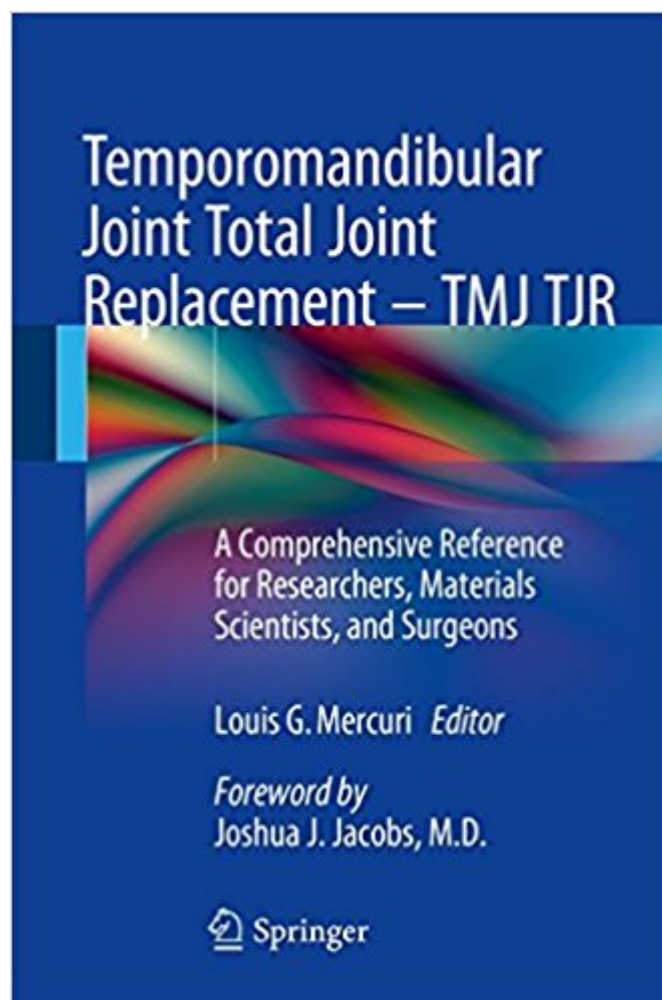


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# Temporomandibular Joint Total Joint Replacement – TMJ TJR: A Comprehensive Reference For Researchers, Materials Scientists, And Surgeons





## Synopsis

This is the first text that deals specifically with TMJ TJR. Each chapter is authored by either a basic science researcher or clinician known for their interest and expertise in this field. The text provides the reader with state-of-the-art analysis of all aspects of total temporomandibular joint replacement (TMJ TJR), starting with cutting-edge evidence on the biomechanics of the TMJ. The intriguing history of TMJ TJR is presented to provide an understanding of why some prior TMJ TJR devices failed and how what was learned from those failures has led to the improvements exhibited in present TMJ TJR devices. Expert chapters discuss both stock and custom designs, their indications and contraindications, primary operative techniques, combined TMJ TJR and orthognathic surgical techniques, and the devices' adaption for use as segmental or total mandibular replacement devices after ablative surgery. Clinical outcomes and avoidance as well as management of complications are detailed. Numerous helpful illustrations and radiographs are presented to assist readers in understanding and carrying out the described procedures. Important evidence from both the orthopedic and TMJ TJR literature relating to material sensitivity and mechanical wear will be reported. Finally, the role bioengineered tissue may hold for the future of TMJ TJR will be discussed.

## Book Information

Hardcover: 301 pages

Publisher: Springer; 1st ed. 2016 edition (December 9, 2015)

Language: English

ISBN-10: 3319213881

ISBN-13: 978-3319213880

Product Dimensions: 0.8 x 6.2 x 9.5 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #1,978,209 in Books (See Top 100 in Books) #31 in Books > Medical Books > Dentistry > Craniomandibular & Temporomandibular #85 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Surgery > Oral & Maxillofacial #112 in Books > Medical Books > Medicine > Surgery > Oral & Maxillofacial

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Very useful! A complete review of the most important topics in TMJ replacement.

An excellent text book highlighting all of the current issues with TJR regarding the TMJ

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