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Nota di contenuto	Chapter 1 The History of Temporomandibular Joint Diseases and Their Treatment -- Chapter 2 Application Fundamentals of Temporomandibular Joint Related Cranium and Jaw Prosthesis -- Chapter 3 Prosthetic Reconstruction of TMJ Diseases -- Chapter 4 Total joint replacement with simultaneous orthognathic surgery for dentofacial deformities secondary to TMJ diseases -- Chapter 5 Joint Preservation Combined with Orthognathic Surgery for Temporomandibular Joint Originated Dentofacial Deformities -- Chapter 6 Prosthetic Reconstruction of Combined Temporomandibular TMJ-skull base Diseases -- Chapter 7 Reconstruction of skull base-fossa diseases, while preserving the TMJ -- Chapter 8 Prosthetic reconstruction of combined temporomandibular joint-mandibular diseases with non-salvageable joint -- Chapter 9 Reconstruction of mandibular diseases with salvageable joint -- Chapter 10 Treatment for Condylar Dislocation -- Chapter 11 Future trends: For prostheses in

the experimental phase, reflecting on experience and recognizing the challenges.

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#### Sommario/riassunto

This book focuses on the independent design, material research and development, digital design, and technological improvement of the reconstruction of temporomandibular joint prostheses. This book illustrates the key points of surgical techniques through detailed cases, introduces the concept of prosthetic design through systematic literature, summarizes experience and shortcomings through scientific analysis, reflects a rigorous academic attitude, and conveys cutting-edge disciplinary knowledge. It is of great significance in the development of personalized, refined, and efficient restoration and reconstruction in oral and maxillofacial surgery exploration. This book mainly focuses on various late-stage temporomandibular joint diseases and systematically introduces the role of various customized prostheses in temporomandibular joint reconstruction. It presents a comprehensive prosthetic design plan, detailed surgical steps explanation, and complete follow-up results. It provides new treatment ideas and prosthetic products for oral and maxillofacial surgeons when dealing with such difficult and recurrent diseases.

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