

1. Record Nr.	UNINA9910483529703321
Titolo	Bionic limb reconstruction // Oskar C. Aszmann, Dario Farina, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-60746-1
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XI, 233 p.)
Disciplina	617.39059
Soggetti	Extremities (Anatomy) - Surgery Surgery, Plastic Artificial limbs - Technological innovations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Part I. Severe injuries of the upper extremity -- Chapter 1. General Considerations on Upper Limb Amputation and its Levels -- Chapter 2. Psychosocial importance of the hand, consequences of severe hand trauma, amputation and complete brachial plexus injury -- Chapter 3. Inner amputations of the upper extremity -- Part II. Functional restoration in upper limb amputees -- Chapter 4. Body-powered prosthetic systems -- Chapter 5. Mechatronic Design of Functional Prosthetic Systems -- Chapter 6. Osseointegrated amputation prostheses and implanted electrodes -- Chapter 7. Outcome Measures -- Chapter 8. Biologic alternatives to prosthetic hand replacement -- Part III . Selective nerve transfers in upper limb amputees -- Chapter 9. Motor unit characteristics after selective nerve transfers -- Chapter 10. Targeted muscle reinnervation in upper limb amputees -- Part IV. Phantom pain in limb amputees -- Chapter 11. Epidemiology and mechanisms of phantom limb pain -- Chapter 12. Treatment strategies for phantom limb pain -- Part V. Man-machine interfaces in prosthetics -- Chapter 13. Control Strategies for Functional Upper Limb Prostheses -- Chapter 14. Implantable myoelectric sensors for prosthetic control -- Chapter 15. Prosthetic feedback systems -- Part VI. Prosthetic replacement in patients with inner amputations -- Chapter 16. Deafferentation pain following

brachial plexus avulsion injuries -- Chapter 17. Treatment algorithm for bionic hand reconstruction in patients with global brachial plexopathies -- Chapter 18. Functional and psychosocial outcomes of bionic reconstruction and impact on quality of life, body image perception and deafferentation pain -- Chapter 19. Ethical considerations and psychological evaluation in elective amputation for Brachial Plexus Injuries -- Part VII. Rehabilitation in upper limb prosthetics -- Chapter 20. Principles of Occupational and Physical Therapy in Upper Limb Amputations -- Chapter 21. Novel technologies in upper extremity rehabilitation -- Chapter 22. Conclusions and Future Outlook.

Sommario/riassunto

This book presents the latest techniques in amputation rehabilitation and summarizes the most recent research findings in the field of bionic limb reconstruction. Divided into seven parts written by experts in the field, it provides valuable information on e.g. upper extremity injuries, psychological considerations, prosthetic engineering, and surgical and rehabilitation strategies. Illustrative figures and photos of real-life settings further assist understanding. This book is of interest not only for plastic surgeons, but also for hand surgeons, orthopedic and trauma surgeons as well as therapists, prosthetists and engineers.

2. Record Nr.	UNINA9910786471503321
Autore	Renz H (Harald)
Titolo	Autoimmune diagnostics [[electronic resource] /] / edited by Harald Renz
Pubbl/distr/stampa	Berlin, : De Gruyter, 2012
ISBN	3-11-022865-3 9786613939920 1-283-62747-7
Descrizione fisica	1 online resource (208 p.)
Classificazione	XG 4414
Altri autori (Persone)	RenzH (Harald)
Disciplina	616.97/8
Soggetti	Autoimmune diseases - Diagnosis Autoimmunity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	General aspects of autoimmune diagnostics -- Rheumatoid arthritis -- Systemic lupus erythematosus -- Consensus protocol for the detection of autoantibodies by indirect immunofluorescence technology on Hep-2 cells -- The antiphospholipid syndrome -- Inflammatory myopathies (polymyositis, dermatomyositis) -- Systemic sclerosis -- Autoimmune blistering disorders -- Autoimmune liver disease -- Autoimmunity in diabetes mellitus -- Autoimmune thyroid diseases -- Autoimmune primary adrenal insufficiency -- Inflammatory bowel disease -- Celiac disease -- Autoimmune polyendocrine syndromes.
Sommario/riassunto	Dieses Buch führt praxisnah und sicher durch die komplexe Autoimmundiagnostik und die Diagnostischen Pfade. Es bietet einen Überblick über die wichtigsten Aspekte der Autoimmundiagnostik, eine Standardanleitung zur Methodik der indirekten Immunfluoreszenz und beschreibt prägnant alle wichtigen Autoimmunerkrankungen hinsichtlich ihrer Diagnose. Das innovative Konzept der diagnostischen Pfade, das in Deutschland und international zunehmend in den Kliniken angewandt wird, dient hier als praktischer Wegweiser für den Kliniker und leitet vom Symptom durch alle Schritte und Verzweigungen bis hin zur Diagnose. Die Ableitung eines diagnostischen Vorgehens über einen Algorithmus ist verbindlich, wird vielerorts in

Krankenhausinformationssysteme implementiert, fördert die Verständigung zwischen Klinik und Labor und verhindert Fehldiagnosen.

This book provides a practical and secure guide through the complexity of Autoimmune Diagnostics and Diagnostic Pathways. It contains an overview of significant aspects of Autoimmune Diagnostics, a standard procedure for indirect immunofluorescence and describes all important autoimmune diseases in terms of their diagnostic. In step with actual practice the innovative concept of Diagnostic Pathways leads from symptoms through all steps and branches to diagnosis.
