The leading and definitive reference on the surgical and prosthetic management of acquired and congenital limb loss. The fourth edition of the Atlas of Amputations and Limb Deficiencies is written by recognized experts in the fields of amputation surgery, rehabilitation, and prosthetics. Presents the major advances in the field since the last edition in 1992. New chapters cover amputee care in wartime, the role of the Krukenberg procedure in developing countries, the rise of the amputee consumer movement, and the rapidly expanding role of sports and recreation for amputees, as well as the more controversial topics of osseointegration and transplantation. The major influence of orthopaedic surgeons in the development of both amputation surgery and prosthetics will continue to expand. These experts are recognized authorities in the treatment of amputees and the rehabilitation of limb deficient individuals. As limb loss continues to increase, it is crucial that health care professionals be prepared to meet the needs of these patients.

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2. Vascular disease, and tumors; indications for prostheses for amputation levels; and rehabilitation approaches.
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Psychoprosthetics is defined as the study of psychological aspects of prosthetic use and of rehabilitative processes in those conditions that require the use of prosthetic devices. Psychoprosthetics: State of the Knowledge brings together, into a single volume, the latest contributions from a diverse range of experts in the field.

This book addresses all aspects of prosthetic care ranging from surgical techniques to long-term care, prosthetics and rehabilitation devices, management of pain, psychological issues, and societal implications. It is essential reading for surgeons, physiatrists, and orthopedists who are involved in the care of patients who have lost limbs.

The book is divided into several sections, each focusing on a specific area of prosthetic care. These sections include:

- Prosthetic Care of the Lower Extremity
- Prosthetic Care of the Upper Extremity
- Prosthetic Care of the Pediatric Extremity
- Prosthetic Care of the Neurological Extremity
- Prosthetic Care of the Traumatic Extremity
- Prosthetic Care of the Surgical Extremity
- Prosthetic Care of the Sports Extremity
- Prosthetic Care of the Geriatric Extremity
- Prosthetic Care of the Palliative Extremity
- Prosthetic Care of the Oncological Extremity

Each section is further divided into chapters that cover specific topics in depth. The chapters are written by experts in the field, ensuring that the information provided is up-to-date and relevant.

Key features of the book include:
- Detailed discussion of surgical techniques and rehabilitation strategies
- Emphasis on evidence-based practice and outcomes
- Coverage of both lower and upper extremity prosthetics
- Discussion of rehabilitation principles and practices
- Emphasis on quality of life considerations
- Discussion of ethical and legal issues
- Coverage of both inpatient and outpatient settings

Prosthetic Care of the Lower Extremity

This section covers the surgical and rehabilitative management of amputations of the lower extremity. It includes chapters on the management of lower limb amputations, the fitting and adjustment of lower limb prostheses, and the rehabilitation of patients with lower limb amputations.

Prosthetic Care of the Upper Extremity

This section covers the surgical and rehabilitative management of amputations of the upper extremity. It includes chapters on the management of upper limb amputations, the fitting and adjustment of upper limb prostheses, and the rehabilitation of patients with upper limb amputations.

Prosthetic Care of the Pediatric Extremity

This section covers the surgical and rehabilitative management of amputations of the pediatric extremity. It includes chapters on the management of amputations in children, the fitting and adjustment of pediatric prostheses, and the rehabilitation of children with amputations.

Prosthetic Care of the Neurological Extremity

This section covers the surgical and rehabilitative management of amputations of the extremities in patients with neurological conditions. It includes chapters on the management of amputations in patients with neurological disorders, the fitting and adjustment of neurological prostheses, and the rehabilitation of patients with neurological conditions.

Prosthetic Care of the Traumatic Extremity

This section covers the surgical and rehabilitative management of amputations of the extremities in patients with traumatic injuries. It includes chapters on the management of amputations in patients with traumatic injuries, the fitting and adjustment of traumatic prostheses, and the rehabilitation of patients with traumatic injuries.

Prosthetic Care of the Surgical Extremity

This section covers the surgical and rehabilitative management of amputations of the extremities in patients after surgical procedures. It includes chapters on the management of amputations after surgical procedures, the fitting and adjustment of surgical prostheses, and the rehabilitation of patients after surgical procedures.

Prosthetic Care of the Sports Extremity

This section covers the surgical and rehabilitative management of amputations of the extremities in patients who are involved in sports. It includes chapters on the management of amputations in sports, the fitting and adjustment of sports prostheses, and the rehabilitation of patients who are involved in sports.

Prosthetic Care of the Geriatric Extremity

This section covers the surgical and rehabilitative management of amputations of the extremities in patients who are elderly. It includes chapters on the management of amputations in the elderly, the fitting and adjustment of geriatric prostheses, and the rehabilitation of elderly patients.

Prosthetic Care of the Palliative Extremity

This section covers the surgical and rehabilitative management of amputations of the extremities in patients who are in palliative care. It includes chapters on the management of amputations in palliative care, the fitting and adjustment of palliative prostheses, and the rehabilitation of patients in palliative care.

Prosthetic Care of the Oncological Extremity

This section covers the surgical and rehabilitative management of amputations of the extremities in patients with cancer. It includes chapters on the management of amputations in patients with cancer, the fitting and adjustment of oncological prostheses, and the rehabilitation of patients with cancer.

Prosthetic Care of the Lower Extremity

This section covers the surgical and rehabilitative management of amputations of the lower extremity. It includes chapters on the management of lower limb amputations, the fitting and adjustment of lower limb prostheses, and the rehabilitation of patients with lower limb amputations.

Prosthetic Care of the Upper Extremity

This section covers the surgical and rehabilitative management of amputations of the upper extremity. It includes chapters on the management of upper limb amputations, the fitting and adjustment of upper limb prostheses, and the rehabilitation of patients with upper limb amputations.

Prosthetic Care of the Pediatric Extremity

This section covers the surgical and rehabilitative management of amputations of the pediatric extremity. It includes chapters on the management of amputations in children, the fitting and adjustment of pediatric prostheses, and the rehabilitation of children with amputations.

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This section covers the surgical and rehabilitative management of amputations of the extremities in patients who are involved in sports. It includes chapters on the management of amputations in sports, the fitting and adjustment of sports prostheses, and the rehabilitation of patients who are involved in sports.

Prosthetic Care of the Geriatric Extremity

This section covers the surgical and rehabilitative management of amputations of the extremities in patients who are elderly. It includes chapters on the management of amputations in the elderly, the fitting and adjustment of geriatric prostheses, and the rehabilitation of elderly patients.

Prosthetic Care of the Palliative Extremity

This section covers the surgical and rehabilitative management of amputations of the extremities in patients who are in palliative care. It includes chapters on the management of amputations in palliative care, the fitting and adjustment of palliative prostheses, and the rehabilitation of patients in palliative care.

Prosthetic Care of the Oncological Extremity

This section covers the surgical and rehabilitative management of amputations of the extremities in patients with cancer. It includes chapters on the management of amputations in patients with cancer, the fitting and adjustment of oncological prostheses, and the rehabilitation of patients with cancer.

This book is an essential resource for all professionals involved in the care of patients who have lost limbs, including surgeons, physiatrists, orthopedists, and rehabilitation specialists. It is also a valuable resource for students and residents in the fields of medicine, surgery, and physical therapy.