



CONTENTS

- vii Guest Editorial
Charles H. Pritham, CPO
- ix Clinical Relevance for the Veteran: Summaries of Scientific/Technical Articles

Scientific/Technical Articles

- 227 Parametric analysis using the finite element method to investigate prosthetic interface stresses for persons with trans-tibial amputation
M. Barbara Silver-Thorn, PhD and Dudley S. Childress, PhD
- 239 Indentor tests and finite element modeling of bulk muscular tissue in vivo
William M. Vannah, PhD and Dudley S. Childress, PhD
- 253 A review of prosthetic interface stress investigations
M. Barbara Silver-Thorn, PhD; John W. Steege, MSME; Dudley S. Childress, PhD
- 267 Design of a 3-D surface scanner for lower limb prosthetics: A technical note
Paul K. Commean, BEE; Kirk E. Smith, AAS; Michael W. Vannier, MD
- 279 Shoulder belt anchor location influences on wheelchair occupant crash protection
Gina Bertocci, PE, MSME; Kennerly Digges, PhD; Douglas Hobson, PhD
- 290 Development of test methodologies for determining the safety of wheelchair headrest systems during vehicle transport
Patricia Karg, MS and Stephen Sprigle, PhD
- 305 An electronic device to measure drive and recovery phases during wheelchair propulsion: A technical note
Yong Tai Wang, PhD; David Beale, PhD; Manssour Moeizadeh, PhD

Clinical Report

- 311 Clinical Analysis of a CAD/CAM System for Custom Seating: A Comparison with Hand-Sculpting Methods
Edward D. Lemaire, MSc; David Upton, BSc; Joseph Paialunga, BScOT(C); Guy Martel, MHSc, CPO(C); Jacques Boucher

Departments

- 321 Abstracts of Recent Literature
Joan E. Edelstein, MA, PT
- 336 Book Reviews
Jerome D. Schein, PhD
- 338 Publications of Interest
- 351 Calendar of Events