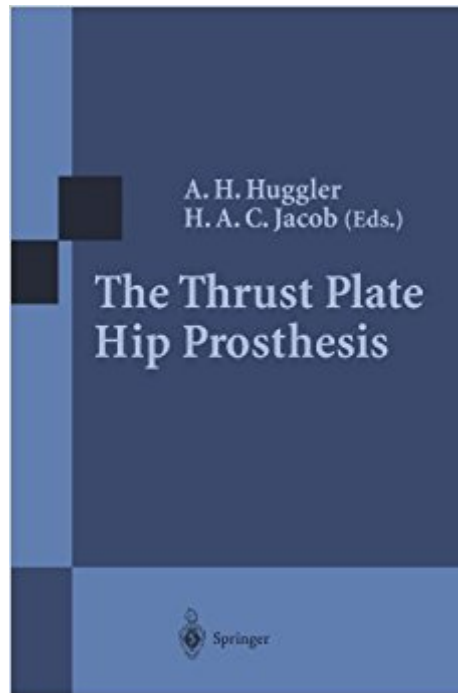




The book was found

# The Thrust Plate Hip Prosthesis



## Synopsis

As is probably the case with all successful innovations, the unique design of the thrust plate prosthesis (TPP) was not born of a sudden fancy for a radically different hip joint replacement, but emerged from elaborate biomechanical investigations on the loosening of conventional, intramedullarily anchored hip prosthesis shafts. In the 1970s, hip revisions due to loosening of the prostheses became a burden to patients not only physically and psychologically but also economically. This meant that it also became a matter of daily concern to the orthopaedic surgeon, who then had to cope with new, previously unknown problems. Loosening processes were detected within 5 years of implantation in up to 25% of cases. While implant loosening was considered to be the result of incorrect handling of materials, we felt that a number of details still had to be considered in regard to the behavior of the entire bone-prosthesis complex and the action of mechanical forces.

## Book Information

Paperback: 148 pages

Publisher: Springer; Softcover reprint of the original 1st ed. 1997 edition (September 18, 2011)

Language: English

ISBN-10: 3642644333

ISBN-13: 978-3642644337

Product Dimensions: 6.1 x 0.4 x 9.2 inches

Shipping Weight: 8.8 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #12,633,725 in Books (See Top 100 in Books) #86 in Books > Textbooks > Medicine & Health Sciences > Medicine > Special Topics > Prosthesis #523 in Books > Medical Books > Medicine > Prosthesis #2479 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Physical Medicine & Rehabilitation

## Customer Reviews

The thrust plate prosthesis is a new type of hip prosthesis which maintains the physiological loading pattern of the bone. Experimental stress analysis of the proximal femur led to the development of this device, and clinical results over a period of more than 12 years confirm the sound biomechanical concept on which it is based. Conventional prostheses of the stem type are still prone to loosening and subsequent revision operations which are surgically particularly demanding. The thrust plate prosthesis, in contrast, allows a revision procedure, if at all necessary, to be

performed with the same ease as a primary implantation. This, together with the fact that bone stock is preserved, makes it especially attractive for use in physiologically active and young patients. More than 150 figures, 16 of which are in colour, illustrate details in the development of the device and the clinical observations made by a group of participants in a pilot study. This book introduces the thrust plate prosthesis in detail to the hip surgeon. It is an accurate account of the long and laborious effort involved in realizing a project that was born out of critical observations.

[Download to continue reading...](#)

Hip Flexor Pain: The Ultimate Guide to Fix Tight Hip Flexors and Cure Tight Hips Life! (hip flexors, hip pain, hip flexor stretches, hip flexor, hip pain relief, hip joint pain, hips) The Thrust Plate Hip Prosthesis Tight Hip Flexors: The 7 Minute Tight Hip Solution: Simple and Effective Movements That Quickly Release Tight Hip Flexors And Reduce Hip Pain (Hip replacement ... mobility exercises, hip flexor exercises) Flexibility: The Health Hip Flexor Formula - Fix Tight Hip Flexors, Hip Pain - Hip Stretches & Stretching (Hips, Foam Rolling, WOD, Calisthenics, Mobility, ... Massage, Posture, Yoga For Beginners) Hip Hop Rhyming Dictionary: The Extensive Hip Hop & Rap Rhyming Dictionary for Rappers, Mcs, Poets, Slam Artist and lyricists: Hip Hop & Rap Rhyming Dictionary And General Rhyming Dictionary Tight Hip Flexors: Relieve The Pain of Tight Hip Flexors In Just 5 Minutes (Tight Hip Flexors, Tight Hips) Hip Pain And Flexibility Cure: Learn How To Cure Tight Hips And Hip Flexors With Simple Movements (tight hips, hip flexors, stretches, stretching, anti aging, flexibility, hips Book 1) Hip Hop: A Short History (Hip Hop) (Hip Hop (Mason Crest Paperback)) Precision Attachments in Prosthodontics: Overdentures and Telescopic Prosthesis Narrative Prosthesis: Disability and the Dependencies of Discourse (Corporealities: Discourses of Disability) New Developments in Knee Prosthesis Research Counter-Thrust: From the Peninsula to the Antietam (Great Campaigns of the Civil War) Airplane Design Part VI : Preliminary Calculation of Aerodynamic Thrust and Power Characteristics Hydrodynamic Lubrication, Volume 33: Bearings and Thrust Bearings (Tribology and Interface Engineering) Interaction of the Rocky Mountain Foreland and the Cordilleran Thrust Belt (Geological Society of America Memoir 171) - with maps Structural Geology of Fold and Thrust Belts (Johns Hopkins Studies in Earth and Space Sciences) Tongue Thrust Book: Oral Myofunctional Therapy And Articulation Correction The Hip Hop Wars: What We Talk About When We Talk About Hip Hop--and Why It Matters Hip Hoptionary TM: The Dictionary of Hip Hop Terminology It's Bigger Than Hip Hop: The Rise of the Post-Hip-Hop Generation

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)