# Exeter Contemporary Flanged Cup

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Exeter Contemporary Flanged Cup

attached to the cup to maintain a minimum thickness of cement mantle 1, 2. The risk of bottoming out is reduced (Fig. 1). The cup has a flat non-hooded face. Clinical Experience The external profile of the Contemporary flanged cup, including its cement spacers, has been in use since 19913. Pressurisation The flange thickness allows for an adequate balance of

Exeter Contemporary Flanged Cup - Stryker MedEd

The Exeter X3 RimFit cup is a highly cross-linked poly-ethylene cemented cup with 4 PMMA cement spacers and a mini flange design, with X-ray wire to help easily identify the cup position on an X-ray. Exeter X3 RimFit cups are available with an ID 22.2  $\square$  40mm and an OD 40  $\square$  60mm. For sizing purposes the final Exeter X3 RimFit cup used is

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Experience The external profile of the Contemporary flanged cup, including its cement spacers, has been in use since 19913. Pressurisation The flange thickness allows for an adequate balance of Exeter Contemporary Flanged Cup - Stryker MedEd

### Exeter Contemporary Flanged Cup - v1docs.bespokify.com

The Contemporary Acetabular Cup from Stryker is a cemented, flanged, polyethylene component used for primary or revision hip arthroplasty. The cup has methylmethacrylate studs on the base which are removable but which are intended to remove the risk of bottoming out. The flange can be trimmed to match the requirements of the acetabulum.

## Stryker | Contemporary Acetabulum

a standardised technique that involved an Exeter Contemporary flanged cup and Exeter Universal stem (Stryker Orthopedics, Mahwah [NJ], USA). Patients were excluded if they underwent bilateral THA or already had a THA or had a dysplastic hip on the contralateral side, as a normal contralateral hip was required to define the optimal socket position.

### Benefits of Using Modern Cementing Techniques in the ...

The Exeter flanged cup is a relatively new product which claims to have additional benefits with the inclusion of beads to prevent bottom- ing out of the cup and a firmer flange compared to the Charnley cup to prevent eversion of the flange and con- sequent extrusion of cement during cup insertion and pressurisation.

### Comparison of cement pressurisation in flanged and ...

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The Exeter Contemporary flanged cemented acetabular component demonstrates excellent survivorship at 12.5 years. Take home message: The Exeter Contemporary flanged cemented acetabular component has...

#### The Exeter Contemporary flanged cemented acetabular ...

These were, the Charnley Ogee flanged cup (size 47 mm with an outer diameter of 47 mm selected as 48 mm cup is not produced by the manufacturers), the Exeter low profile cup (size 48 with an outer diameter 48 mm selected) which was unflanged, and the Exeter contemporary cup (size 52 mm cup which corresponds with an outer diameter of 48 mm) which was flanged with PMMA beads on the outer surface of the cup designed to prevent bottoming out of the cups.

### Comparison of cement pressurisation in flanged and ...

For the acetabular side, an appropriately sized Exeter Contemporary flanged cup (Stryker Orthopedics, Mahwah, New Jersey) was liberally coated in acrylic cement, mixed with the addition of up to 5 g of

antibiotics, tailored to the infecting organism when known.

Management of Periprosthetic Joint Infection After Total ...

[CoP] Exeter V40 Exeter Contemporary Flanged [MoP] Stanmore Modular Stem Stanmore-Arcom Cup [CoP] Furlong HAC Stem CSF [CoP] Corail Pinnacle [MoP] Exeter V40 Elite Plus Cemented Cup [MoP] Exeter V40 Trilogy [CoP] Taperloc Cementless Stem Exceed ABT [MoP] Exeter V40 Elite Plus Ogee [CoC] Exeter V40 Trident [MoP] Exeter V40 Exeter Contemporary ...

Supplementary Figure 1: Flow diagram of showing derivation ...

Exeter unflanged cup generated higher initial and mean pressures compared to Exeter flanged cup. With CMW, there was no significant difference between the pressures generated by the cups.

CONCLUSIONS: Our experiment suggests that flanged cups do not consistently generate significantly higher cement pressures compared to unflanged cups.

Comparison of cement pressurisation in flanged and ...

The Exeter flanged cup is a relatively new product which claims to have additional benefits with the inclusion of beads to prevent bottoming out of the cup and a firmer flange compared to the Charnley cup to prevent eversion of the flange and consequent extrusion of cement during cup insertion and pressurisation.

Comparison of cement pressurisation in flanged and ...

Zimmer Biomet Avantage Cemented Cup 155 11% Stryker Exeter Contemporary Flanged 118 8% Stryker Trident Constrained Cup 92 6% Dedienne Sante ADES Cemented 70 5% Stryker Exeter Contemporary Hooded 57 4% DePuy Elite Plus Ogee 47 3% Zimmer Biomet Exceed ABT Cemented 42 3% Smith & Nephew Polarcup Cemented 34 2% Zimmer Biomet ZCA 32 2% DePuy Charnley Ogee 28 2%

www.njrcentre.org

We compared Charnley Ogee (flanged), Exeter contemporary (flanged) and Exeter low profile (unflanged) cups using Simplex and CMW1 cements in turn. Results Using Simplex, Charnley Ogee cup generated highest initial peak pressure and overall mean pressure. Exeter unflanged cup generated higher initial and mean pressures compared to Exeter flanged cup.

Comparison of cement pressurisation in flanged and ...

Of the 1965 cemented cups implanted in 2004-05 in Australia, just under half (46%) were Exeter Contemporary cups. Comparing the last five years of data from the Australian Joint Replacement Registry shows that revision surgery accounts for 12% of all total hip replacement operations.

Improved Acetabular Cementing Techniques

Waldemar Link Link Flange Cup 13 <1% Zimmer Biomet Zimmer Cemented Cup 6 <1% Implantcast GmbH EcoFit Cemented Cup 4 <1% Corin CTI Cemented Cup 2 <1% MicroPort Orthopedics A Class 2 <1% Ortho-ID Polarcup Cemented 2 <1% United Orthopedic Corporation XPE Cup 2 <1% Zimmer Biomet Centerpulse Muller 2 <1% B Braun / Aesculap BBraun Bipolar Cup 1 <1%

elbow and shoulder replacement Annual Report 2017 Bid Live at Simon Charles's Medical Equipment & Supplies Auction auction

Cemented Total Hip Arthroplasty (THA) remains one of the most successful procedures in Orthopaedic surgery. It has become very clear that it is the surgical expertise, in particular the quality of the cementing technique, which will affect long-term outcome and success. It is the intention of this book to provide an up-to-date comprehensive assessment of the entire field of cemented THA. Special emphasis has been given to practice-relevant aspects: well-illustrated and detailed operative steps as a practical guideline, a basic science chapter and long-term outcome data are provided. Minimally invasive surgery, modern perioperative management and patient fast tracking are covered. A number of highly respected experts have contributed to this in-depth compilation of the "state of the art" in 2005. This book is written and intended for both, trainees and established arthroplasty surgeons who are dedicated to perform a well-cemented THA.

The third edition of Joint Replacement Technology provides a thoroughly updated review of recent developments in joint replacement technology. Joint replacement is a standard treatment for joint degradation and has improved the quality of life of millions of patients. Collaboration between clinicians and researchers is critical to its continued success and to meet the rising expectations of patients and surgeons. This edition covers a range of updated and new content, ranging from chapters on materials analysis and selection, to methodologies and techniques used for joint replacement and clinical challenges of replacing specific joints. Key topics include tribological considerations and experiments; challenges in joint bearing surfaces; cementless fixation techniques; healing responses to implants. Clinical challenges and perspectives are covered with the aid of case studies. Thanks to its widespread collaboration and international contributors, Joint Replacement Technology, Third Edition is useful for materials scientists and engineers in both academia and the biomedical industry. Chemists, clinicians, and other researchers in this area will also find this text invaluable. This third edition provides an updated comprehensive review of recent developments in joint replacement technology. Reviews a range of specific joints, biological and mechanical issues and fixation techniques. Includes revised and new content, such as sections on regulatory affairs, AI techniques and 3D printing.

Revisionsoperationen erfordern ein hohes Maß an handwerklicher und wissenschaftlicher Kompetenz, professionelle Logistik und Prozesskoordination und nicht zuletzt das erforderliche Budget. Den Herausgebern gelang hier ein umfassender Überblick aus der Praxis mit kompaktem, strukturiertem Fachwissen und echten Behandlungsalternativen. Das optimale Rüstzeug für Operateure und zielsichere Operationen  $\[$  zum Wohle der Patienten.

Fully updated and enhanced, this popular Lange book provides the most current, high-yield information available on orthopedic disorders and diseases Packed with 500 images and meticulously organized for high-impact learning, CURRENT Diagnosis & Treatment Orthopedics, Sixth Edition emphasizes the major diagnostic features of musculoskeletal disease states, the nature of the diseases, the workup required for diagnosis, and all treatment options. It includes pathophysiology, epidemiology, and laboratory and imaging studies to help readers accurate diagnose patients and fully understand treatments. Chapters cover general considerations and imaging in surgery; musculoskeletal trauma, adult reconstructive, hand, foot, ankle, and pediatric surgery; sports medicine; spinal disorders, diseases, and

injuries; musculoskeletal oncology; amputations; and rehabilitation and geriatric medicine. Perfect for surgical and emergency medicine residents, orthopedic surgery fellows, internal medicine and family practitioners, medical students, PAs, and nurse practitioner students, CURRENT Diagnosis & Treatment Orthopedics, Sixth Edition provides the knowledge and insights you need to deliver safe, effective treatment to every patient. Featuring a NEW chapter on imaging in orthopedics.

This book is intended to offer a <code>lvirtual</code> fellowship<code>l</code> in hip surgery that will give readers the opportunity to join distinguished hip surgeons in the operating room, learning key points and solutions to technical difficulties from the beginning to the end of 100 surgical cases. All of these cases have been carefully selected by renowned orthopaedists who work at the world<code>l</code>s top centers and perform surgery based on evidence. To facilitate quick learning, the cases are presented using a uniform template, guiding the reader from clinical evaluation and preoperative planning, through the decision-making process, to the surgical procedure and the final outcome. At the end of each case, the editor invites the surgeon to answer specific questions in order to further elucidate crucial issues with reference to current evidence. The book is divided into four sections: conservative hip surgery, primary hip arthroplasty, complex hip arthroplasty, and revision arthroplasty. It will be of value across the world to specialist hip surgeons and surgeons in training who are interested in hip surgery.

This book reviews the most important issues related to acetabular revision hip surgery and assesses the different management procedures that are currently used in light of the challenging major defects. Since the 1970s there has been a continual rise in the annual number of total hip arthroplasty (THA) procedures which has increased the demand for revision surgeries. Most revisions operations of the hip are the result of acetabular problems and early failures are usually related to acetabular bone defects in complex primary THAs. Long-term failures are mostly due to wear debris and osteolysis-related problems and both types of complications are presented throughout the book. Surgeons with a special interest in hip reconstruction surgery will find this book to be an essential resource for successfully dealing with highly complex revision procedures.

This book looks at secular urban space in the Mediterranean city, A.D. 284-650, focusing on places where people from different religious and social group were obliged to mingle. It looks at streets, processions, fora/ agorai, market buildings, and shops.

Campbell's Operative Orthopaedics, by Drs. S. Terry Canale and James H. Beaty, continues to define your specialty, guiding you through when and how to perform every state-of-the-art procedure that's worth using. With hundreds of new procedures, over 7,000 new illustrations, a vastly expanded video collection, and new evidence-based criteria throughout, it takes excellence to a new level...because that is what your practice is all about. Consult this title on your favorite e-reader with intuitive search tools and adjustable font sizes. Elsevier eBooks provide instant portable access to your entire library, no matter what device you're using or where you're located. Achieve optimal outcomes with step-by-step guidance on today's full range of procedures from Campbell Operative Orthopaedics - the most trusted and widely used resource in orthopedic surgery - authored by Drs. S. Terry Canale, James H. Beaty, and 42 other authorities from the world-renowned Campbell Clinic. Access the complete contents online with regular updates, view all the videos, and download all the illustrations at www.expertconsult.com. See how to proceed better than ever before with 45 surgical videos demonstrating hip revision, patellar tendon allograft preparation, open reduction internal fixation clavicle fracture, total shoulder arthroplasty, total elbow arthroplasty, and more - plus over 7,000 completely new step-by-step illustrations and photos commissioned especially for this edition. Make informed clinical choices for each patient, from diagnosis and treatment selection through post-treatment strategies and management of complications, with new evidence-based criteria throughout. Utilize the very latest approaches in hip surgery including hip resurfacing, hip preservation surgery, and treatment of hip pain in the young adult;

and get the latest information on metal-on-metal hips so you can better manage patients with these devices. Improve your total joint arthroplasty outcomes by reviewing the long-term data for each procedure; and consider the pros and cons of new developments in joint implant technology, including "customized" implants and their effect on patient outcomes. Implement new practices for efficient patient management so you can accommodate the increasing need for high-quality orthopaedic care in our aging population.

Total joint arthroplasty is an effective surgical procedure for end-stage osteoarthritis of major joints with satisfactory long term clinical outcome. A large and growing number of arthroplasties are performed annually worldwide and a great number of orthopaedic surgeons are practicing arthroplasty surgery as their main surgical activity. The biological behavior of the bone-implant interface is crucial for the long term survival of the artificial joint. All factors which have a positive or negative effect on the interface are of great interest for those practicing arthroplasty surgery. Basic scientists and the industry are continuously searching for new implant fixation mechanisms and improved materials. There is an accumulation of a great amount of basic science data (both biological, material and mechanical) related to the incorporation or loosening of the bone-implant interface. However, basic science data does not always translate to satisfactory clinical application, and orthopaedic practitioners often wonder which piece of information is clinically useful. A further problem is that basic scientists often speak their own scientific language and may not fully appreciate common clinical practice needs. In this textbook the biological and mechanical mechanisms of implant incorporation and loosening will be presented. All new data concerning materials and methods for incorporation enhancement will be critically analyzed. Data useful for clinical application will be stressed. Orthopaedic Surgeons will find information which will improve their clinical practice and basic scientists will be helped to understand and appreciate clinical needs.

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