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التوثيق الالكتروني والميكرو فيلم

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لم ترد بالأصل

Cemented total knee arthroplasty

Thesis

Submitted in partial fulfillment of
M.D. degree in Orthopaedic Surgery

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2001

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﴿وَمَا أَوْفَيْتُمْ مِنَ الْعِلْمِ إِلَّا قَلِيلًا﴾

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الطبيب / ياسر عبد المنعم
توطئة للحصول على درجة الماجستير / الدكتوراة
في هندسة الريش

تحت عنوان : باللغة الانجليزية : Cemented total Knee Replacement

باللغة العربية : استبدال مفصل الركبة بمفصل صناعي
أ. منير

بناءً على موافقة الجامعة بتاريخ / / ١٩٨٨ تم تشكيل لجنة الفحص والناقشة للرسالة
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(١) أ. د. أكرم محمد
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(٣) أ. د. محمد
بعد فحص الرسالة بواسطة كل عضو منفردا وكتابة تقارير منفردة لكل منهم إنعقدت اللجنة مجتمعة فـ
تم (القرار) بتاريخ ١٨ / ٧ / ١٩٨٨ بانتم حاصل لدرجة الماجستير
بكلية الطب - جامعة القاهرة وذلك لنافذة الطالب في جلسة علنية في موضوع الرسالة والنتائج التي توصل
إليها وكذلك الأسس العلمية التي قام عليها البحث .

قرار اللجنة :
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توقيعات أعضاء اللجنة :-

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Abstract

A prospective study of 35 knees (32 patients) with knee replacement in patients with osteoarthritis or rheumatoid arthritis was done between September 1998 to September 2000 at Kasr El-Ani Hospital. The prosthesis used was either posterior cruciate retaining (PCR) or PCL-sacrificing posterior stabilized prosthesis (PS). Five knees were excluded from the study. The remaining 30 knees were available for review at the latest clinical evaluation. The patella is retained in 26 cases, and resurfacing was done in only 4 cases. All patients were evaluated preoperatively, at six weeks, 3 months, 6 months postoperatively, and then every 3 months.

The average period of follow up was 13.3 months, there were 9 males and 21 females. 23 cases with a primary diagnosis of osteoarthritis, And 7 cases were rheumatoid arthritis. The mean age was 59.03 years. The preoperative anatomical axis alignment for all cases averaged 4.3 degrees of varus. The average Knee Score improved from 27.76 points, to a postoperative knee score of 82.17 points. The average Function Score improved from 39.67 points, to a postoperative knee score of 79.17 points

The success rate is 94 % with 84% excellent and good results, and 10 % fair results. The 6% poor results, are the 2 cases candidates for revision one due to infection and the other because of tibial loosening.

Key Words

Arthroplasty

Cement

Knee

Prosthesis

Replacement

Total

Aknowledgement

I would like to express my appreciation, and profound gratitude to Professor Dr. **AKRAM AZZAM**, Professor of Orthopedic Surgery, Cairo University, for his precious advice, marvelous guidance, and kind supervision. I do feel too much indebted and too much grateful to him, now and for the rest of my life.

I am sincerely indebted to Professor Dr. **ABDEL-AZZIZ EL-SINGERGI**, Professor of Orthopedic Surgery, Cairo University, for his faithful supervision, great valuable remarks, understanding, and encouragement, in initiating and completing this work.

I am sincerely very much obliged to Professor Dr. **MOHAMED KAMEL GODA** Assistant Professor of Orthopedic Surgery, Cairo University, for his generous assistance, meticulous supervision to all steps of this work, and for his great guidance and support.

I would also, like to thank all my colleagues and professors of the Orthopaedic Department in Cairo University who helped me in finishing this work.

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Abbreviations

PCR	Posterior Cruciate Retaining
PS	Posterior Stabilized
TKA	Total Knee Arthroplasty
PMMA	polymethylmethacrylate
UHMWP	Ultra High Molecular Weight Polyethelene

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