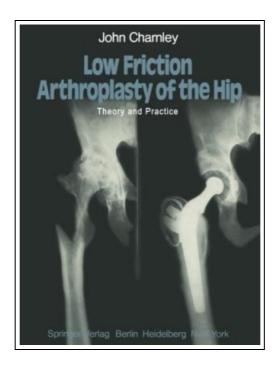
# Low Friction Arthroplasty of the Hip



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# Reviews

Complete guide for publication enthusiasts. I have read and i am sure that i will going to study again once again in the future. Your way of life period will be transform once you total looking over this publication.

(Shayne O'Conner)

## LOW FRICTION ARTHROPLASTY OF THE HIP



Condition: New. Publisher/Verlag: Springer, Berlin | Theory and Practice | The theme of this work is the application of the engmeering theory of frictional torque to total hip replacement. The author adhered tenaciously to this theory, involving the use of a small-diameter femoral head, throughout the epoch when the large-diame ter, metal-to-metal design dominated the field. During that considerable period general satisfaction with the early results rendered criticisms of the large-diameter head unwelcome. There was a formidable array of counter criticism: the small head would pierce a film of synovial fluid; the small head would wear the socket too rapidly; the small head would always have a high risk of dislocation; detachment of the trochanter, to achieve precise orientation for the small head, was unacceptable. But all these objections have now been largely overcome. Lubrication of high molecular weight polyethylene (HMWP) on metal is now accepted as being mainly by the boundary regime with thick fluid films playing no part. We now know that HMWP can indeed tolerate the very high stresses imposed by the small head and in tribological theory there may even be some advantage in high stress. Dislocation is now known not to be an automatic sequel to the small head. | 1 Low Friction Principle.- 2 Organisation of Follow-Up.- 3 Numerical Grading of Clinical Results.- 4 Cement-Bone Interface.- 5 Long-Term Clinical Results.- 6 Long-Term Radiological Results.- 7 Hip Sockets - Theory.- 8 Types of LFA Hip Socket.- 9 Femoral Prostheses - Theory.- 10 Types of LFA Femoral Prostheses.- 11 Pre-operative Measurement of X-Rays.- 12 Detachment and Reattachment of the Great Trochanter.- 13 Clean Air Operating - Theory.- 14 Clean Air Operating - Practice.- 15 Technique of Low Friction Arthroplasty of the Hip.- 16 Femoral Neck-Length Jig.- 17 Post-operative Management.- 18 Thrombo-embolic Complications.- 19 Post-operative Dislocation.- 20...



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