

**ELECTRONIC GUIDE TO THESES APPROVED BY
PHYSICAL THERAPY DEPARTMENT FOR MUSCULOSKELETAL
DISORDER AND ITS SURGERY
PREPARED BY NERVEEN ABD EL SALAM ABD EL KADER AHMED**

**Physical Therapy Department for Musculoskeletal
Disorder and Its Surgery**

**Master Degree
1979**

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Title	:	Degenerative changes of the articular surface of the human femoral condyles.
Dept.	:	Physical Therapy Department for musculoskeletal disorder and its Surgery.
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Degree	:	Master.
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Abstract	:	
<p>Total hip replacement has recently been added to the armament of the physical therapist in his search for rehabilitation . This essay presents the different opinions of different authors in the pre and post-operative physical therapy management of the patient with such operation . Stability , movement , the biomechanics of the normal hip joint and normal gait are briefly discussed . Four types of total hip prosthesis which are the most commonly used are represented namely Mckee-Farrar , Ring , Charnley , and the charnley Muller . Surgical indication and contraindication are briefly reviewed . The physical rehabilitation is discussed on basis of main goals in both pre and post-operative phases . The main goals of pre-operative phase are : 1. Establishing a baseline of physical functioning by testing ambulation , transfer ability , range of motion , and strength . 2. Orienting the patients to their role during the post-operative phase of care . 3. Instructing the patient about exercises , transfer , and ambulation techniques . 4. Consulting with the family and recommends various devices which are indicated during the initial three post-operative months . The main goals of post operative phase are : 1. To control factprs which may contribute to thromboembolic disease . 2. To instruct the patient in avoiding possible positions of dislocation during recumbency in bed . 3. To convert passive range of motion gained by surgery to active functional range of motion . 4. To eliminate a pathologic gait pattern . 5. To avoid possibility of late dislocation . 6. To plan a program for the patient to be actively independent in activities of daily living . Finally a suggested post-operative physiotherapeutic program is presented to be applied in the physical rehabilitation of such operations .</p>		
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