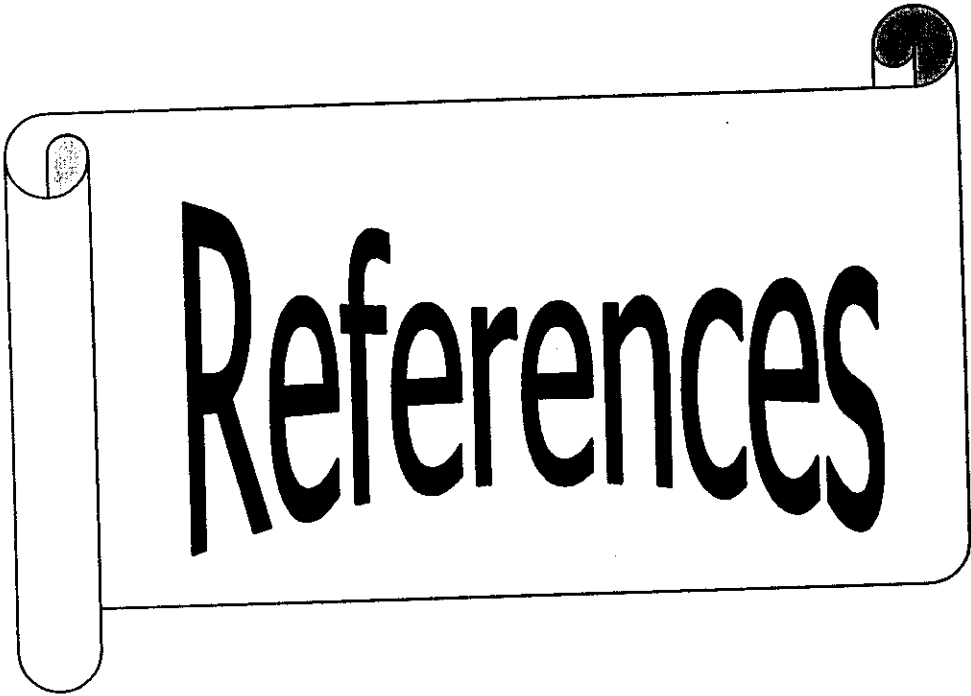




References

REFERENCES

- 1- *Adrian, M. J. and Cooper, J.M. (1995)* : Biomechanics of human movement. (2nd ed.). WCB and brown, benchmark, madison, wisconsin, dubuque, iowa.
- 2- *Amstutz, H.C. and Maki, S. (1978)*: Complications os trochanteric osteotomy in total hip replacement. J. of Bone and Joint Surg., 60 (A) : 214.
- 3- *Amstutz, H.C.(1973)* : Trapezoid T 28 total hip replacement. Clin,Orthop., 95: 158.
- 4- *Amstutz, H.C.; Mai, L.L. and Schmidt, I. (1984)*: Results of interlocking wire trochanteric re-attachment and techique refinements to prevent complications following total hip arthroplasty. Clin. Orthop. 183:82.
- 5- *ANNE M.R.Agur. (1992)* : Gronts anatomy , Pan Egyptian edition by Mass publishing company.
- 6- *Arnoldi, C.C.; Linderholm, H. and Mussbichler, H. (1972)*: Venous engorgement and intraosseous hypertension in osteoarthritis of the hip. J. of Bone and Joint Surg., 54 (B) : 409-421.
- 7- *Blount, W.P. (1956)*: Don't through away the cane. J. bone and joint Surg. 38 A:695.
- 8- *Boardman, K.P.; Bocco, F.; Chanley, J. (1978)*: An evaluation of a method of trochanteric fixation using three wires in the charnley low-friction arthroplasty. Clin. Orthop., 132:31.
- 9- *Bombelli, R. (1976)* : Osteoarthritis of the hip. Springer verlag. Berlin-heidelberg. New York.

References

- 10- **Bombelli, R. (1993)** : Structure and function in normal and abnormal hips . Springer. Veralg.
- 11- **Brady, L.P. and Mc Cutchen J.W. (1986)** : A ten year follow up study of 170 Charnley total hip arthroplasties. Clin.Orthop., 211 : 51.
- 12- **Brown, T.D. and Furguson, A.B. Jr. (1978)**: The development of a computational stress analysis of the femoral head. J. bone and joint Surg. 60A:619-629.
- 13- **Brunstrom, S.M.A. (1977)**: Clinical kinesiology. Springer verlage. Berlin- heidelberg. New York.
- 14- **Buckwalter, J.A. and Lohmander, S., (1994)**: Current concept review; Operative treatment of osteoarthritis; current practice and future development. J. of Bone and Joint Surg., Vol. 76 (A), No.9.
- 15- **Callaghan, J.J.; Denis, D.A.; Paprosky, W.G. and Rosenberg, A.G. (1995)**: Orthopaedic knowledge up date: Hip and knee reconstruction : Design of cementles total hip. American academy of orthopaedic surgeons.
- 16- **Carlsson, A.S. and Gentz, C.F.and Sanzen, L.(1986)** : Socket loosening after hip arthroplasty. Acta Orthop. Scand 57 : 97 .
- 17- **Chamay, A. (1986)**: Mechanical and morphological aspects of experimental overloads and fatigue in bone. Vol.3, London, (1970), pregamon press Ltd (Quoted by frankel, V.M. in instructional course lectures. Volume XXXV).
- 18- **Charnley, J.and Cupic, Z.(1973)** : The nine and ten years results of low-friction arthroplasty of the hip. Clin.Orthop., 95 : 9.
- 19- **Chndler, H.P.; Reineck, F.T. and Wixson, R.L. (1981)**: Total hip replacement in patients younger than thirty years old:

A five year follow up study. J. of Bone and Joint Surg., 63 (a) : 1426-1434.

- 20- *Coventry, M.B.; Beckenbaugh, R.D.; Nolan, D.R. and Ilstrup, D.M.(1974)* : Two thousand twelve total hip arthroplasties : A study of posoperative course and early complications. J.Bone Joint Surg., 56 A : 273.
- 21- *Croninshield, R.D.; Brand, R.A. and Johnston, R.C. (1978)*: The effect of walking velocity and age on hip kinematics and kinetics. Clin. Orth. 132:140-144.
- 22- *Croninshield, R.D.; Johnston, R.C.; Anderws, J.G. and Brand, R.A. (1977)*:The effect of joint centre location on hip kinetics. Trans. Orth. Res. Soc. 2:49.
- 23- *Croninshield, R.D.; Johnston, R.C.; Andrews, J.G.,et al., (1978)*
: A biochemical investigations of the human hip. J. Biomechanic, 11:75.
- 24- *Croninshield. R.D.; Brand, R.A. and Johnston, R.C. (1980)*: An analysis of femoral component stem design in total hip arthropathy. J. Bone and hoint Surg. 62 A, 68.
- 25- *Crwoninshield, R.D.; Brand, R.A. and Johnston, R.C. (1980)*:
The effect of femoral stem cross sectional geomatry on cement stresses in total hip reconstruction. Clin. Orth. 146:71.
- 26- *Day, W.H.; Swanson, S.A.V. and Freeman, M.A.R. (1975)*:
Contact pressures in the loaded human cadaver hip. J. bone and joint Surg. 57B, 3:302-313.
- 27- *Deham, R.A. (1959)*: Hip mechanics. J. Bone and joint Surg.. 41B:550.
- 28- *Delee, J.C. (1996)*: Fractures and dislocations of the hip in "Rockwood and Green fractures in adults". Lippincott-Raven, P.1659.

- 29- *Diane, Lee (1989)* : The pelvic girdle. Churchill livingstone.
- 30- *Dorr, L.D.; Takei, G.K. and Conaty, J.P. (1983)*: Total hip arthroplasties in patients less than forty-five years old. J. of Bone and Joint Surg., 65 (A) : 474-479.
- 31- *Eftekar, H.S.(1976)* : Dislocation and instability complicating low friction arthroplasty of the hip joint.Clin.Orthop.; 121 : 120 .
- 32- *Eftekar, N.S. (1993)*: Principle of total hip arthroplasty. Biomechanics of total hip replacement : 223-312. Volume 1, Mosby year book Inc.
- 33- *Eftekar, N.S. (1974)*: Mechanical failure in low friction arthroplasty. In American academy of orthopaedic surgeons. Instructional course lecture, Vol.23,St.Louis.
- 34- *Etienne, A.; Cupic, Z. and Charnley, J. (1978)*: Post operative dislocation after charnley low-friction arthroplasty. Clin. Orthop., 132:19.
- 35- *Ewald, F.C.; Poss, R.; Pugh, J.; Schiller, A.L. and Sledge, C.B. (1982)*: Hip cartilage supported by methacrylate in canine arthroplasty. Clinical orthopaedics, 171:273-279.
- 36- *Frankel, V.H. (1986)*: Biomechanics of the hip joint. Chapter 1 in : Instructional course lectures. Vol.XXXV. The C.V. Mosby company.
- 37- *Greenwald, A.S. and Haynes, D.W. (1972)*: Weight bearing areas in the human hip joint. J. bone and joint Surg. 54B:157.
- 38- *Griffin, J.B. (1982)*: The calcar femorale redefined. Clinical Orth. 146:211-214.

- 39- *Gudmundsson, G.H.; Hedeboe, J.; Kjaer, (1985) : Mechanical loosening after hip replacement . Incidence after ten years in 125 patients. Acta Orthop. Scand., 56 : 314.*
- 40- *Harkess, J.W. (1987): Arthroplasty of the hip in campbell oprative orthopaedics (7th ed.) Mosby tear book Inc.*
- 41- *Harris, W.H. (1986): Etiology of osteoarthritis of the hip. Clinical orthopaedics, 213:20-33.*
- 42- *Harris, W.H.and White, R.E. Jr.(1982) : Socket fixation using a metal-backed acetabular component for total hip replacement . A minimum five year follow-up. J.Bone Joint Surg., 64 A :745.*
- 43- *Hoffer, M.; Perry, J. and Waters, R. (1984): Neuromuscular disorders and GAIT. Orthopaedic knowledge update. I. American Academy of Orth. Surg.73.*
- 44- *Inman, V.T. (1947): Functional aspects of the abductor muscles of the hip. J. Bone and joint Surg. 29:607.*
- 45- *Inman, V.T. (1947): Functional aspects of the abductors muscles of the hip. Journal of bone and joint surgery, 29 A : 607.*
- 46- *Johnston, R.C. and Larson, C.B. (1969): Biomechanics of cup arthroplasty. Clin. Orthop. 66:56.*
- 47- *Johnston, R.C.; Brand, R. A. and Croninshield, R.D. (1979): Reconstruction of the hip. A mathematical approach to determine optimum geometric relationships. J. Bone and joint Surg. 61 A : 639.*
- 48- *Kapandji, I.A. (1982): The physiology of the joints. Second English Edition. Churchill, Livingstone, volume 2; PP.10-71.*

- 49- Kendall, M.O.; Kendall, F.P. and Worth G.W. (1971) : Muscle testing and function; PP. 26 & 176-194. Churchill livingstone.
- 50- Khairi, M.R.A.; Cornin, J.H.; Robb, J.A.; Smith, D.M.; Yu, P.L. and Johnston, C.C. (1976): Femoral trabecular pattern and bone mineral content measurement by photon absorption in senile osteoporosis. J. bone and joint Surg. : 58 A, March, PP.221-226.
- 51- Klaue, K.; Durin, C.W. and Ganz, R. (1991): The acetabular rim syndrome : A clinical presentation of dysplasia of the hip. J. of Bone and Joint Surg., 73 (B) : 423-429.
- 52- Klaue, K.; Wallin, A. and Ganz, R. (1988): CT evaluation of coverage and congruency of the hip prior to osteotomy. Clin. Orthop., 232:15-25.
- 53- Kummer, B. (1965): Grundlagen der biomechanik des menschlichen stutzund bewegungsapparates. IX. Congr. Internat. Chir. Orthop. Et de traumatol. II, vienna 1963, PP. 65-68. Wien. Verlag der wienner Med. Akademie. Quoted by pauwels, F. : Biomechanics of the hip, 1976.
- 54- Lenes, A.S. Inman, V.T. and Blooster, J.A. (1948): Transverse rotation of the segments of the lower extremity in locomotion. J. Bone and joint Surg. Oct. 30 A : 859-872.
- 55- Lewinneck, G.E.; Lewis, J.L.; Tarr, R.et al., (1978) : Dislocations after total hip replacement arthroplasties. J.Bone Joint Surg., 60 A : 217.
- 56- Lygre, L. (1986): The loads produced on the hip joint by nursing procedures : A tellemeterization Study. Master thesis (Nursing). Cleveland, (1970), Case Western Reserve University. (Quoted by Frankel, V.M. in: Instructional course lectures. Vol.XXXV).

- 57- *Mac Conaill, M.A. and Basmajian J.V. (1977)* : Muscles and movements, a basis for human kinesiology, (2nd ed.). Krieger, New York.
- 58- *Mc Farland, B. (1954)*: My present attitude to osteoarthritis of the hip. J. of Bone and Joint Surg., 36 (A) : 476.
- 59- *MC Minn, R. M. H. (1994)*: Last's anatomy. Regional and applied. Churchill livingstone, (9th ed.).
- 60- *Mcleish, R.D. and Charnley, Z. (1970)*: Abduction forces in the one legged stance. J. Biochemi. 3:191-209.
- 61- *Miegel, R.E. and Harris, W.H. (1984)*: Medial-displacement intertrochanteric osteotomy in the treatment of oseoarthritis of the hip : A long-term follow-up study.J. of Bone and Joint Surg., 66 (A) : 878-887.
- 62- *Mizrahi, J.; Solomon, L.; Kaufman, B. and Duggan, T. (1981)*: An experimental method for investigating load distribution in the cadaveric human hip. J. bone and joint Surg. 63B,4:610-613.
- 63- *Murphy, S.B.; Ganz, ?R. and Muller, M. (1995)*: The prognosis of untreated achetabular dysplasia of the hip: A study of radiographic factors that predict the outcome. J. of Bone and Joint Surg., 77 (A) : 985-989.
- 64- *Nachemason, A. (1966)*: The load on lumbar discs in different positions of the body. Clinical orthopaedics and related research, 45:107-122.
- 65- *Nicoll, E.A. and Holden, N.T. (1961)*: Displacement osteotomy in treatment of osteoarthritis of the hip. J. of Bone and Joint Surg.,43 (B) :50.
- 66- *Ninomiya, S. (1989)*: Rotational acetabular oseteotomy for the severely dysplastic hip in the adolescent and adult. Clin. Orthiop. 247:127-137.

- 67- *Niomiya, S. and Tagawa, H. (1984)*: Rotational acetabular osteotomy for the dysplastic hip. *J. of Bone and Joint Surg.*, 66 (A) : 430-436.
- 68- *Noble, P.C.; Box, G.C.; Kamaric, E.; Fink, M.J.; Alexander, J.W. and Tullos, M.S. (1995)*: The effect of aging on the shape of the proximal femur. *Clinical Orth.* 316, July:31-44.
- 69- *Pare, E.B.; Stern, J.T. and Schwartz, J.M. (1981)*: Functional differentiation within the tensor fasciae latae. *Journal of bone and joint surgery*, 63A:1457.
- 70- *Paul, J.P. (1986)*: Forces at the human hip joint. Master's thesis, Chicago 1967. University of Chicago (Quoted by Frankel, V.M. in : Instructional course lectures. Vol.XXXV).
- 71- *Pauwels, F. (1976)* : Biomechanics of the normal and diseased hip. Springer verlage. Berlin- heidelberg. New York.
- 72- *Philips, R.S. (1966)*: Phlebography in osteoarthritis of the hip. *J. of Bone and Joint Surg.*, 48 (B) : 280-288.
- 73- *Philips, R.S.; Bulmer, J.H. and Hoyle, G. (1967)*: Venous drainage in osteoarthritis of the hip: A study after osteotomy. *J. of Bone and Joint Surg.*, 49 (B) : 301-309.
- 74- *Poss, Robert, (1986)*: Interochanteric osteotomy in osteoarthritis of the hip. Instructional course lectures. Vol. 36.(1986). The C.V. Mosby Company.
- 75- *Rasch, Philip, J. and Bruke, Roger, K. (1963)*: Kinesiology and applied anatomy. The science of human movement (2nd ed.) philadelphia, Lea and febiger, P. 246-268.
- 76- *Reikeras, O. (1982)* : Ten year follow-up of Muller hip replacement . *Acta Orthop. Scand.*, 54 : 919.

- 77- *Roux, W. (1985):* Gesammette abhandlungen uber entwicklungsmechanik der organismen, Bd. I and II. Vorwiegend uber funktionelle anpassung. II. Ober entwicklungsmechanik des embryo. Leipzig: Engelmann. Quoted by pauwels, F.F: Biomechanics of the hip, 1976.
- 78- *Rubin, C.T.(1989):* Response of bone to mechasnical stimulation; Principles of orthopaedic practice. Mc Graw-Hill Book Company, PP.79.
- 79- *Rydell, N. (1973):* Biomechanics of the hip joint. Clinical Orthop. And related research, No 92(May):6-15.
- 80- *Rydell, N.W. (1966):* Forces acting on the femoral head prothesis Act Orthop. Scand. Suppl. 83.
- 81- *Simon, S.; paul, I.; Rose, R. and Radin, E. (1975) :* Stiction friction of total hip prothesis and its relationship to loosening. J.Bone Joint Surg., 57 A : 226.
- 82- *Singh, M.; Nagrath, A.B. and Maini, P.S. (1970):*Changes in trabecular pattern of the upper end of the femur as an index of osteoporosis.J. bone and joint Surg. 52A April:457-467.
- 83- *Sutherland, D.H. and Greenfield, R. (1977):* Double innominate osteotomy. J. of Bone and Joint Surg., 59 (A) : 1082-1091.
- 84- *Swanson, S.A.V. and Freeman, M.A.R. (1977):* The scientific basis of joint replacement, New York, john wiley & sons.
- 85- *Trousdale, R.t.; Ekkernkamp, A.; Ganz, R. and Wallrichs, S.L. (1995):* Periacetabular and intertrochanteric osteotomy for the treatment of osteoarthrosis in dysplastic hips. J. of Bone and Joint Surg., Vol.77 (A), No.1.

 References

- 86- *Wardle E,N.(1955):* Displacement osteotomy of the upper end of the femur. J. of Bone and Joint Surg., 37 (A) : 568-575.
- 87- *Wiesman, H.J.Jr.; Simon, S.R.; Ewald, F.C.; Thomas, W.H.and Sledge, C.B.(1978):* Total hip replacement with and without osteotomy of the greater trochanter. J. Bone and Joint Surg., 60 (A) : 203.
- 88- *Willima's P.; Warwic, R. R.; Dayson, M. and Bannioter, L. H. (1989) :* Gray's anatomy. Churchill livingstone, (37th ed.).