

REFERENCES

- Aboul Fadl, H.; Azzam, A. and Zaazou, I.:**
*Chronic anterior cruciate ligament deficiency
 Results after extra-articular tenodesis and
 combined extra-articular with intra-articular
 reconstruction using a free graft.*
*The New Egyptian J. of Medicine, Vol.3 Na3,
 Ullly 1989 :689-693.*
- Amiroult, J.D.; Cameron, J.C.; MacIntosh, D.L.
 and Marks P.:**
*Chronic anterior cruciate ligament
 deficiency.*
J. Bone and Joint Surg., 70-B: 622-624, 1988.
- Andrews, J.R. and Ave M.J.:**
*The classification of knee ligament
 instability.*
*Part I, Orthop. Clin. of North America, 69-82,
 1985.*
- Arnoczky, S.P.; Rubin R.M. and Marshall J.L.:**
*Microvasculature of the cruciate ligaments
 and its response to injury.*
J. Bone and Joint Surg. 61-A, 1221-1229, 1979.
- Arnoczky, S.P., Tarvin G.B. and Marshall J.L.:**
*Anterior cruciate ligament replacement using
 patellar t endon: An evaluation of graft
 revascularization in the dog.*
J. Bone and Joint Surg., 64-A: 217-224, 1982.

Arnoczky, S. Paul:

Anatomy of the anterior cruciate ligament.
Clin. Orthop., 172:19-25, 1983.

Augastine, R.W.:

The unstable knee.
Am. J. Surg., 92:380-388, 1956.

Bray R.C., Elangan, J.P. and Dandy D.J.:

Reconstruction for chronic anterior cruciate instability: A comparison of two methods after six years.
J. Bone and Joint Surg., 70-B, 100-105, 1988.

Burnett Q.M. and Fowler P.J.:

Reconstruction of the anterior cruciate ligament: Historical overview.
Orthp. Clin. of North Am., Vol. 16, No 1, 143-157, 1985.

Butler D.L., Noyes F.R. and Grood E.S.:

Ligamentous restraints to anterior-posterior drawer in the human knee. A biomechanical study.
J. Bone and Joint Surg., 62-A, 259-270, 1980.

Caband H.E.:

Biomechanics of the anterior cruciate ligament
Clin. Orthop. 172:26-31, 1983.

Cho K.O.:

Reconstruction of the anterior cruciate injury by semitenodosis.
J. Bone and Joint Surg., 57A:1124-1127, 1975.

Casteloy P.P., Handelberg F., and Opdecam P.:

Traumatic haemarthrosis of the knee.

J. Bone and Joint Surg., 70-B:404-406, 1988.

Chick R.R. and Jackson D.W.:

Tears of the anterior cruciate ligament in young athletes.

J. Bone and Joint Surg. 60A:970-973, 1978.

Clancy W.G. Jr., Rajesn G.N., Rosonberg T.D.:

Anterior and posterior cruciate ligament reconstruction in rhesus monkeys.

J. Bone and Joint Surg., 63-A:1270-1284, 1981.

Clancy W.G. Jr., Nelson D.A., Bruce and Narchania, R.G.:

Anterior cruciate ligament reconstruction using one third of the patellar ligament, augmented by Extra-articular tendon transfers
Jone Bone and Joint Surg., 352-359, March, 1982

De Haven K.E.:

Acute ligament injuries and dislocations in surgery of the musculoskeletal system.

Edited by Evarts, C.M.:Churchill, Livingstone 1983.

Drez D.:

Clinical examination of the knee for anterior cruciate ligament laxity.

Orthop. Clinc. of North America. Vol 16, No 2 1985.

El-Adawy A.H.:

Results of surgical treatment in acute injuries of the medial collateral and anterior cruciate ligaments of the knee joint.

M.D. Thesis, Faculty of Medicine, Behna Univ. 1988.

El-Kousy N.O.

Evaluation of arthroscopy in diagnosis and management of acutely injured knee.

M.D. Thesis, Faculty of Medicine, Cairo Univ. 1989,

Ellison, A.E.:

Distal iliotibial band transfer for antero-lateral rotatory instability of the knee.

J. Bone and Joint Surg. 61-A:330-337, 1979.

Ellison A.E., Berg E.E.:

Embryology, anatomy and function of the anterior cruciate ligament.

Orthop. Clin. of North America, Vol. 16, No.1 3-4, 1985.

Eriksson, Ejnar:

Reconstruction of the anterior cruciate ligament.

Orthop. Clin. North America, 7:167-178, 1976.

Fahrer H., Rentsh H.U. and Gerber M.J.:

Knee effusion and reflex inhibition of the quadriceps.

J. Bone and Joint Surg., 70-B:635-638, 1988.

Feagin J.A., Abbot G.H., Rokons J.R.:

The isolated tear of the anterior cruciate ligament.

J. Bone and Joint Surg., 54-A:1340-1341, 1972.

Feagin J.A., Cabaud H.A.:

The anterior cruciate ligament: Radiographic and clinical signs of successful and unsuccessful repairs.

Clin. Orthop. 164:54-58, 1982.

Feagin J.A. and Blake W.P.:

Postoperative evaluation result recording in the anterior cruciate ligament reconstructed knee.

Clin. Orthop., 172:143-147, 1983.

Fetto J.F. and Marshall J.L.:

Injury to the anterior cruciate ligament producing the pivot-shift sign.

J. Bone and Joint Surg., 61-A: 710-714, 1979.

Fetto J.F. and Marshall J.L.:

The natural history and diagnosis of anterior cruciate ligament insufficiency.

Clin. Orthop., 147:29-38, 1980.

Frank C. and Jackson R.W.:

Lateral substitution for chronic isolated anterior cruciate ligament deficiency.

J. Bone and Joint Surg. 70-B:407-411, 1988.

Franke K.:

Secondary reconstruction of the anterior cruciate ligament in competitive athletes.

clin. Orthop., 198:81-86, 1985.

- Frankel V.H., Burstein A.H., Brooke D.B.:**
Biomechanics of internal derangement of the knee.
J. Bone Joint Surg. [Am.], 1971.
- Furman W., Marshall J.L. and Girgis F.:**
Tears of the anterior cruciate ligament.
J. Bone and Joint Surg., 58-A: 178-185, 1976.
- Galway R.D., Beaupre A., MacIntosh D.L.:**
Pivot shift: A clinical sign of symptomatic anterior cruciate ligament insufficiency.
J. Bone Joint Surg., 54-B:963-964, 1972.
- Galway H.R. and MacIntosh D.L.:**
the lateral pivot shift: A symptom and sign of anterior cruciate ligament insufficiency.
Clin. Orthop. 147:45-50, 1980.
- Gohlken D.L., Warren R.F. and Wickiewicz T.L.:**
Acute repairs of the anterior cruciate ligament: Past and present.
Orthop. Clin. of North America, Volume 16, No.1 111-125, 1985.
- Giove T.P., Miller S.J., Kent B.E., Sanford T.L., Garrick J.C.:**
Non-operative treatment of the torn anterior cruciate ligament.
J. Bone and Joint Surg., 65-A:184-192, 1983.
- Girgis F.S., Marshall J.L. and Monajem A.R.S.:**
The cruciate ligaments of the knee joint. Anatomical, functional and experimental analysis.
Clin. Orthop., 106:216-231, 1975.

**Hegazi M.O., Megahed M.M., Ashour H.M. and
Elzahar S.R.:**

*Treatment of anterolateral instability of the
knee joint.*

Hewson G.F.:

*Drill guides for improving accuracy in anterior
cruciate ligament repair and reconstruction.*

Clin. Orthop. 172:119-124, 1983.

Holden D.L., Jackson D.W.:

*Treatment selection in acute anterior cruciate
ligament tears.*

*Orthop. Clin. of North America, Vol.16, No.1,
1985.*

Hoogland T. and Hillevy B.:

*Intra-articular reconstruction of the anterior
cruciate ligament: An experimental study
of length changes in different ligament
reconstructions.*

Clin. Orthop., 185:197-202, 1984.

**Hughston J.C., Andrews J.R., Cross M.J. and
Moshi A.:**

*Classification of knee ligament instabilities
Part I: The medial compartment and cruciate
ligaments.*

*J. Bone and Joint Surg., 58-A: 159-172, March
1976.*

- Hughston J.C., Andrews J.R., Cross M.J. and Moshi A.:**
Classification of knee ligament instabilities Part II: The lateral compartment.
J. Bone and Joints Surg., 58-A:173-185, March 1976.
- Hughston J.C. and Barrett G.R.:**
Acute anteromedial rotatory instability.
J. Bone and Joint Surg., 65-A: 145-153, Feb., 1983.
- Insall J., Joseph D.M., Aqlietti P. and Campbell R.D.:**
Bone block iliotibial band transfer for anterior cruciate insufficiency.
J. Bone and Joint Surg., 63-A:560-569, 1981.
- Irland J. and Trickey E.L.:**
MacIntosh tenodesis for anterolateral instability of the knee.
J. Bone and Joint Surg., 62-B:340-345, 1980.
- Jacobsen K.:**
Demonstration of rotatory instability in injured knees by stress radiography.
Acta Orthop. Scand. 49, 195-202, 1978.
- Jakop R.P., Stäubli H.U. and Beland J.T.:**
Grogging the pivot shift: Objective tests with implications for treatment.
J. Bone and Joint Surg., 69-B:294-299, 1987.

Jenkins D.H.R. and McKibbin B.:

The role of flexible carbon-fibre implants as tendon and ligament substitutes in clinical practice. A preliminary report.

J. Bone and Joints Surg., 62-B:497-499, 1980.

Johnson R.J.:

The anterior cruciate ligament problem.

Clin. Orthop., 172:14-18, 1983.

Johnson R.J., Eriksson E., Haggmark T., Pope M.H:

Five to ten-year follow up evaluation after reconstruction of the anterior cruciate ligament.

Clin. Orthop. 183:122-140, 1984.

Jones K.G.:

Reconstruction of the anterior cruciate ligament. A technique using the central one-third of the patellar ligament.

J. Bone and Joint Surg. 45-A, 925-932, 1963.

Jones K.G.:

Reconstruction of the anterior cruciate ligament using the central one-third of the patellar ligament.

J. Bone and Joint Surg., 952-A:1302-1309, 1970.

Kapandji I.A.:

The physiology of the joints.

vol. II, lower limb, 2nd ed., Churchill Livingstone, 1970.

Kaplan E.B.:

The iliotibial tract.

J. Bone and Joint Surg., 40-A:817-32, 1958.

Kennedy J.C.:

Complete dislocation of the knee joint.

J. Bone and Joint Surg., 45-A:889-904, July, 1963.

Kennedy J.C. and Fowler P.J.:

Medial and anterior instability of the knee.

J. Bone and Joint Surg. 53-A, 1257-1270, 1971.

Kennedy J.C. and Wilson A.S.:

anatomy and function of the anterior cruciate ligament.

J. Bone and Joint Surg., 56-A, 223-235, 1974.

Kennedy J.C.:

Application of prosthetics to anterior cruciate ligament reconstruction and repair.

Clin. Orthop. 172:125-128, 1983.

Lam S.T.S.:

Reconstruction of the anterior cruciate ligament using Jones procedure.

J. Bone and Joint Surg., 50-A:1213-1224, 1968.

Larson R.L.:

Physical examination in the diagnosis of rotatory instability.

Clin. Orthop., 172:38-44, 1983.

Larson P.L. and Jones D.C.:

Dislocations and ligamentous injuries of the knee, in fractures in adults.

*Edited by Rockwood, C. Jr. and Green D.P.,
2nd ed., 1984.*

Levy I.M., Tarzilli P.A. and Warren R.F.:

The effect of medial meniscectomy on anterior posterior motion of the knee.

J. Bone and Joint Surg. 64-A:883-887, 1982.

Lipke J.M., Janecki C.J. and Nelson C.L.:

The role of incompetence of the anterior cruciate and lateral ligaments in antero-lateral and anteromedial instability.

J. Bone and Joint Surg., 63-A:954-959, 1981.

Losee R.E., Johnson T.R. and Southwick W.O.:

Anterior subluxation of the lateral tibial plateau. A diagnostic test and operative repair.

J. Bone and Joint Surg. 60-A:1015-1030, 1978.

Losee R.E.:

Diagnosis of chronic injury to the anterior cruciate ligament.

*Orthop. Clin. of North America, Vol. 16, No.1
83-97, 1985.*

MacIntosh D.L.:

The anterior cruciate ligament: "over the top" repair.

J. Bone and Joint Surg. 56-B:591, 1977.

- Markolf K.L., Mensh J.S. and Amstutz H.C.:**
Stiffness and laxity of the knee. The contributions of the supporting structures.
J. Bone and Joint Surg., 58-A:583-593, 1976.
- Marshall J.L. and Olsson S.E.:**
Instability of the knee: A long-term experimental study in dogs.
J. Bone and Joint Surg., 53-A: 1561-1570, 1971.
- Marshall J.R., Russell W. and Fleiss D.J.:**
Ligamentous injuries of the knee in skiing.
clin. Orthop., 108:196-199, 1975.
- Marshall J.L., Warren R.F., Wickiewicz T.L.:**
The anterior cruciate ligament: A technique of repair and reconstruction.
Clin. Orthop., 143:97-106, 1979.
- McDaniel W.J., Dameron T.B.:**
Untreated ruptures of the anterior cruciate ligament: A follow up study.
J. Bone and Joint Surg., 62-A, 696-705, 1980.
- McDaniel W.J., Dameron T.B.:**
The untreated anterior cruciate ligament rupture.
Clin. Orthop., 172:158-163, 1983.
- Norwood L.A., Andrews J.R. and Meisterling R.C.:**
Acute anterolateral rotatory instability of the knee.
J. Bone and Joint Surg. 61-A:704-709, 1979.

- Noyes F.R., Torvik P.J. and Hyde W.B.:**
Biomechanics of ligament failure.
J. Bone and Joint Surg., 56-A:1406-1417, 1974.
- Noyes F.R. and Grood E.S.:**
The strength of the anterior cruciate ligament in humans and rhesus monkeys.
J. Bone and Joint Surg. 58-A:1027-1082, 1976.
- Noyes F.R., Bassett R.W., Grood E.S., Bulter D.L.:**
Arthroscopy in acute traumatic haemarthrosis of the knee.
J. Bone and Joint Surg., 62-A, 687-695, 1980.
- Noyes F.R., Mooar P.A., Matthews D.S., and Butler D.L.:**
the symptomatic anterior cruciate deficient knee.
J. Bone and Joint Surg., 65-A, 154-174, Feb, 1983
- Noyes F.R. and McGinniss G.H.:**
Controversy about the treatment of the knee with anterior cruciate laxity.
Clin. Orthop., 198:61-76, 1985.
- O'Donoghue D.H.:**
Surgical treatment of fresh injuries to the major ligaments of the knee.
J. Bone and Joint Surg. 32-A: 721, 1950.
- O'Donoghue O.H.:**
A method of replacement of the anterior cruciate ligament of the knee. Report of twenty cases. J. Bone and Joint Surg., 45-A, 905-924, 1963.

Odensten M., Lysholm J. and Gillquist J.:

Long-term follow-up study of a distal ilio-tibial band transfer for anterolateral knee instability.

Clin. Orthop., 176:129-135, 1983.

Odensten M. and Gillquist J.:

Functional anatomy of the anterior cruciate ligament and a rationale for reconstruction.

J. Bone and Joint Surg., 67-A:257-262, 1985.

Palmar, Ivar:

On the injuries to the ligaments of the knee joint. A clinical study.

Acta Chir.Scandinavica, supplementum, 53, 1938.

Paterson F.W.N., Trickey E.L.:

Anterior cruciate ligament reconstruction using part of the patellar tendon as a free graft.

J. Bone and Joint Surg., 68-B, 453-461, 1986.

Paulos L.E, Bulter D.L, Noyes F.R and Grood E.S:

Intra-articular cruciate reconstruction.

Replacement with vascularized patellar tendon

Clin. Orthop., 172:78-84, 1983.

Pavlov H, Warren R.F, Sherman M.F and Cayea P.D:

The accuracy of double-contrast arthrographic evaluation of the anterior cruciate ligament

J. Bone and Joint Surg., 65-A, 175-183, 1983.

Roth J.H., Mendenhall H.V. and McPherson G.K.:

The effect of immobilization on great knees

Following reconstruction of the anterior

cruciate ligament.

Clin. Orth., 229:278-282, 1988.

Rushton N., Dandy D.J. and Naylor C.P.:

The clinical arthroscopic and histological findings after replacement of the anterior cruciate ligament with carbon-fibre.

J. Bone and Joint Surg., 65-B:308-309, 1983.

Sage E.P.:

Traumatic affection of joints.

Campbell's operative orthopaedics, edited by Crenshaw A.H., 5th ed., 1971, St.Louis, The C.V. Mosby Company.

Scapinelli R.:

Blood supply to the human patella.

J. Bone and Joint Surg., 490:563-570, 1967.

Shino K., Kimura T., Hirose H., Inoue M. and

Ono K.:

Reconstruction of the anterior cruciate ligament by allogeneic tendon graft.

J. Bone and Joint Surg., 68-B:739-746, 1986.

Sisk T.D.:

Traumatic affection of joints in Campbell's operative orthopaedics.

Edited by A.H. Crenshaw, 5th ed., The C.V. Mosby Company, 1980.

Slocum D.B. and Larson R.L.:

Rotatory instability of the knee. Its pathogenesis and a clinical test to demonstrate its presence.

J. Bone and Joint Surg., 50A:211-225, March, 1968

**Slocum D.B., James S.L., Larson R.L., and
Singer X.M.:**

*Clinical test for anterolateral rotatory
instability of the knee.*

Clin. Orthop., 118:63-69, 1976.

Smillie I.S.:

Injuries of the knee joint.

*5th ed., Churchill Livingstone. Edinburgh,
London and New York, 1978.*

Strum G.M., Fox J.M. and Forkel R.D.:

*Intra-articular versus intra-articular and
extra-articular reconstruction for chronic
anterior cruciate ligament instability.*

clin. Orthop., 245:188-197, 1989.

Tegner Y., Lysholm J., Gillquist J. and Oberg B:

*Two-year follow-up of conservative treatment
of knee ligament injuries.*

Acta arthrop. Scand. 55:176-180, 1984.

Tillberg B.:

*The late repair of torn cruciate ligaments
using menisci.*

J. Bone and Joint Surg., 59-B:15-19, 1977.

Turner A. and Blackburn, Jr.:

*Rehabilitation of anterior cruciate ligament
injuries.*

*Orthop. Clinics of North America, Vol.16, No 2
241-269, 1985.*

Wang C.J. and Walker P.S.:

Rotatory laxity of the human knee joint.
J. Bone and Joint Surg., 56-A:161-170, 1974.

Warren L.F. and Marshall J.L.:

The supporting stucturs and layers on the medial side of the knee.
An anatomical analysis.
J. Bone and Joint Surg., 61-A:56-62, Jan. 1979.

Warren R.F.:

Primary repair of the anterior cruciate ligament.
clin. Orthop., 172:65-70, 1983.

Zarins B. and Nemeth V.A.:

Acute knee injuries in athletes.
Part II. Orthop. Clin. of North America,
285-302, 1985.

Zarins B., Rowe C.R.:

*combined anterior cruciate ligament reconst-
ruction using semitendinosus tendon and
iliotibial tract.*
*J. Bone and Joint Surg., 68-A, 160-177, Feb.,
1986.*