

Subject Index

- Access, arthroscopic. *See also* Portals
to central compartment of hip, 1510-1514
- Acetabular labrum
arthroscopic repair, surgical technique for, 1496-1504
hip, vascularity of, 3-11
MRI of the hip in detection of labral and chondral abnormalities, 385-393
safe arthroscopic access to central compartment of hip, 1510-1514
tears of, with underlying chondromalacia in runners, 580-585
- Acetabular osteotomy
hip arthroscopy after previous, for developmental dysplasia of hip, 176-181
- Acetabulum
arthroscopic bullet removal from, 360-364
- Achilles tendon allografts
posterolateral corner reconstruction of knee using bifid, and double femoral tunnel, 1400
reverse allograft technique for ACL reconstruction, 769
split Achilles allograft, double-bundle augmentation of posterior cruciate ligament using, 1436-1442
vs. double-loop hamstring autograft for PCL reconstruction, 965-969
- ACL. *See* Anterior cruciate ligament.
- Acromioclavicular joint
acute and chronic dislocation, arthroscopic treatment of, 1017
- Acromioclavicular separation
biomechanics of Bosworth and poly-L-lactic acid bioabsorbable screws for, 1443-1446
coracoclavicular ligament reconstruction using semitendinosus graft after failed surgery, 1277
- Active compression test, arthroscopic, 634
- Adhesive capsulitis
effects of extent of capsular release and postoperative therapy on outcomes in, 1105-1113
- Adolescents. *See also* Pediatrics.
cubital tunnel syndrome in baseball players, 758
- Agee device, endoscopic release of ulnar nerve at elbow using, 691-695
- All-inside repair
for ACL reconstruction, inside-to-out drill bit for, 1012
meniscal repair with Meniscus Arrow, unsatisfactory results with, 905-910
of tears of anterior horn of lateral meniscus, 1399
using FasT-Fix meniscal repair device, 167-175
- Allografts
Achilles tendon, vs. double-loop hamstring autograft for PCL reconstruction, 965-969
vs. autograft for ACL reconstruction
analysis of outcomes, 774-785
cost comparison of, 786-790
- Analgesia. *See also* Pain management.
intra-articular injections after knee arthroscopy, short-term analgesic effects of, 307-312
- Anatomy
humeral avulsion of the glenohumeral ligaments (HAGL lesion), reconciling arthroscopic and anatomic morphology of humeral insertion of, 979-984
posterior cruciate ligament (PCL), anatomic characteristics of tibial insertion of, 820-825
posterolateral corner of knee, evaluation under microsurgical dissection, 826-833
- Anchor method
labral shape after arthroscopic Bankart repair, 194-199
- Anchors, in arthroscopic procedures
arthroscopically inserted tacks or anchors vs. open transosseous rotator cuff repairs, 323-327
biceps tenodesis using, through subclavian portal, 248-252
bioabsorbable sutureless screw anchor vs. suture anchor fixation for rotator cuff repair, 43-47
for stabilization of anterior labrum lesions, biomechanical evaluation of, 611-619
new secure suture relay technique for arthroscopic Bankart repair, 113-118
patellar "Bankart" repair after acute dislocation, 627
pullout strength of knotless suture anchors, 81-85
repair of glenoid fractures using, 635
suture strength and angle of load application in suture anchor eyelet, 1447-1451
technique for fixation with, for PCL avulsion, 1146
- Anesthesia
arthroscopic subacromial decompression performed under local, 1404
shoulder jerk test performed done, for glenohumeral instability, 672-679
suprascapular nerve blocks for shoulder arthroscopy, 1015
- Animal models
comparison of instruments for cutting meniscal tissue, 844-850
development of perforated biodegradable interference screw, 258-265
differential pretensions of a flexor tendon graft for ACL reconstruction, 540-546
effect of hyaluronan on tendon healing, 1330-1336
effects of electrothermal shrinkage on biomechanical properties of ACL, 448-456
evaluation of ACL graft fixation over time using transverse femoral fixation in, 532-539
ex vivo analysis of rotator cuff repair techniques with suture anchors, 1236-1241
impact of radiofrequency shrinkage on elongated ACL, 923-933
repair of osteochondral defect with tissue-engineered chondral plug, 1155-1163
transforming growth factor- β 1, effect on intraosseous healing of flexor tendon autograft replacement of ACL, 1034-1041
- Ankle arthroscopy
bone-cartilage transplantation from ipsilateral knee for chondral lesions of talus, 159-166
cartilage thickness of talar dome, 404-404
idiopathic chondrolysis, 224-227
of anterolateral soft tissue impingement, 317-322
osteochondritis dissecans of the talus, bony lesion recurrence after mosaicplasty of, 630
split-line orientation of talar dome articular cartilage, 570-573
thermal shrinkage to treat chronic lateral instability in young athletes, 751-757
vs. radiographic diagnosis of distal and tibiofibular syndesmosis disruption in acute ankle fractures, 1370-1374
- Anterior cruciate ligament (ACL)
ACL-deficient knees
35 years of follow-up in high-level athletes, 696-702

- anterior tibial subluxation, MRI quantification of, 1193-1196
- inflammatory cytokine profiles associated with chondral damage in, 1342-1347
- effects of electrothermal shrinkage on biomechanical properties of, 448-456
- factors related to additional knee injuries after injury to, 431-438
- ganglion cysts of, 445-447
- intercondylar notch stenosis in degenerative arthritis of knee, 294-302
- impact of radiofrequency shrinkage on elongated, 923-933
- multiple-ligament injured knee
- evaluation, treatment, and results, 471-486
 - intra-articular findings in the reconstructed, 424-430
- partial tears of, thermal modification of, 809-814
- posterolateral bundle sign of normal ACL in PCL-deficient knee, 1267
- radiofrequency thermal shrinkage, 1027-1033
- simultaneous acute rupture of patellar tendon and, 1143
- tibial avulsion fracture of, biomechanical comparison of repair techniques for, 1197-1201
- tibial intercondylar eminence avulsion fractures and, arthroscopic reduction and internal fixation, 86-92
- variation in scar pattern after rupture of, 19-24
- Anterior cruciate ligament (ACL) reconstruction
- allograft *vs.* autograft
 - analysis of outcomes, 774-785
 - cost comparison of, 786-790
 - bioabsorbable *vs.* titanium interference screws for, 147-151
 - bone-patellar tendon-bone grafts
 - comparison with hamstring grafts, 34-42
 - comparison of cyclic loading for different fixation techniques, 934-941
 - snug-fit and impingement free technique for, 1402
 - suture holes in, 1011
 - central *vs.* peripheral screw placement in hamstring, 703-706
 - changes in cross-sectional area of hamstring grafts following transplantation, 917-922
 - complications of, with femoral cross-pin fixation, 762, 1407-1408 (Letters)
 - computer-assisted planning of, intersurgeon variance in, 942-947
 - contact pressure in ACL bone tunnels, endoscopic and two-incision techniques, 439-444
 - cross-pin femoral fixation *vs.* metal interference screw fixation in, 25-33
 - differential pretensions of a flexor tendon graft for, 540-546
 - double-bundle, anatomic approach to, 1275
 - effects of semitendinosus and gracilis harvest in, 1177-1185
 - evaluation of ACL graft fixation over time using transverse femoral fixation, 532-539
 - excessive tibial rotation during high-demand activities is not restored by, 1323-1329
 - graft length changes in bi-socket, 1317-1322
 - hamstring grafts
 - and cross-pin femoral fixation compared with patellar tendon autografts, 1186-1192
 - is sacrifice of the gracilis necessary, 275-280
 - primary stability of fixation with biodegradable suspension *vs.* interference screws, 266-274
 - stability results at 2- to 8-year follow-up, 138-146
 - tunnel widening after, effect of type of graft fixation on, 1337-1341
 - vs.* patellar tendon graft, meta-analysis of stability after, 1202-1208
 - incidence and risk factors for graft rupture and contralateral rupture after, 948-957
 - injury to infrapatellar branch of saphenous nerve in, 281-285
 - inside-to-out drill bit for, 1012
 - loose intra-articular body following, 348-350, 1410-1411 (Letter)
 - medial hamstring tendon regeneration following harvest for, 1257-1264
 - natural history of a bioabsorbable interference screw used with 4-strand hamstring technique, 707-710
 - new double-bundle technique using posteromedial portal and hamstrings, 1274
 - of anteromedial and posterolateral bundles using hamstring tendon grafts, 639-641 (Letters)
 - outcome and risk factors after, 958-964
 - patellar tendon *vs.* gracilis and semitendinosus autograft, clinical evaluation of, 412-417
 - patellar tendon *vs.* hamstring tendon autograft, meta-analysis of, 791-803
 - poly-D,L-lactide interference screws for, 804-808
 - posterior mini-incision technique for hamstring graft harvest, 130-137
 - preferred management of contaminated ACL grafts, survey of specialists, 1348-1353
 - reverse Achilles tendon allograft technique for, 769
 - revision
 - 3- to 9-year follow-up, 418-423
 - management of bony deficiency in, 767
 - peashooter device for bone grafting during, 1010
 - using over-the-top femoral route, 243-247
 - shared decision making, and physician and patient predictions and ratings of outcomes of, 562-569
 - simple solution for failure of trailing sutures when using EndoButton, 1013
 - single femoral socket double-bundle, using tibial anterior tendon, 1273
 - soft-tissue interference fixation, bioabsorbable *vs.* metal screws, 911-916
 - thread design and bioabsorbable interference screw insertion torque during retrograde fixation, 815-819
 - transforming growth factor- β 1, effect on intraosseous healing of flexor tendon autograft, 1034-1041
 - using quadriceps tendon and bioabsorbable cross-pin fixation, 894
- Anterior shoulder dislocation. Dislocations.
- Anterior shoulder instability. *See* Instability.
- Arm immobilization
- effect of arm position on immediate postoperative evaluation with MR arthrography after arthroscopic Bankart repair, 867-874
- Arthritis
- degenerative, of knee, intercondylar notch stenosis in, 294-302
 - glenohumeral
 - arthroscopic glenoid resurfacing with meniscal allograft, 1517-1520
 - cartilage lesions, nonarthroplasty treatment of, 1131-1142
 - rheumatoid, intraoperative efficacy of arthroscopic knee joint synovectomy in, 1209-1218

- septic, of knee, arthroscopic debridement of acute periprosthetic
- Arthrodesis, lapidus, arthroscopic, 1516
- Arthrofibrosis, resulting from nondisplaced fracture of radial head, arthroscopic debridement of, 1492-1495
- Arthrography, intra-articular snapping hip, arthroscopic surgery to treat, 1120-1125
- Arthrometry, variation in scar pattern after ACL rupture, 19-24
- Arthroplasty. *See also* Total knee arthroplasty
knee, effectiveness of knee arthroscopy after, 731-738
- Arthroscopic reduction and internal fixation (ARIF)
of tibial intercondylar eminence fractures, 86-92
- Arthroscopy Association of North America
Presidential Address
- Arthroscopy: The Journal*
acknowledgment of reviewers, 125-126
introducing Robert A. Arciero as Associate Editor, 2
new recommended maximum lengths for manuscripts, 1-2
online submission of manuscripts for, 129, 257, 773
- Articular cartilage
arthroscopic assessment of repair of, 1462-1467
association between cartilage changes and degenerative meniscal tears and, 1366-1369
intra-articular findings in the reconstructed multiligament-injured knee, 424-430
lesions of, on MRI of knees in asymptomatic professional basketball players, 557-561
MRI of the hip in detection of labral and chondral abnormalities, 385-393
of talar dome, split-line orientation of, 570-573
osteochondral autologous transplantation (OAT) vs. microfracture for treatment of osteochondral defects of knee in young athletes, 1066-1075
repair of osteochondral defects with tissue-engineered chondral plug, 1155-1163
safe arthroscopic access to central compartment of hip, 1510-1514
- Athletes
35 years of follow-up of ACL-deficient knees in high-level, 696-702
acetabular labral tears with underlying chondromalacia in runners, 580-585
cubital tunnel syndrome in adolescent baseball players, 758
forced shoulder abduction and elbow flexion test to detect superior labral injury in throwing shoulder, 1290-1295
medial collateral ligament bursitis in a 12-year-old girl, 759
MRI of knee in asymptomatic professional basketball players, 557-561
osteochondral autograft transplantation for osteochondritis dissecans of capitellum in nonthrowing, 1260
with thrombophilic factor lupus anticoagulant, deep venous thrombosis and pulmonary embolism after knee arthroscopy in, 103-107
- Autografts
autologous osteochondral grafting for simple cyst in patella, 1008
comparison of bone-patellar tendon-bone with with hamstring grafts for ACL reconstruction, 34-42
double-loop hamstring, vs. Achilles tendon allograft for PCL reconstruction, 965-969
vs. allograft for ACL reconstruction
analysis of outcomes, 774-785
cost comparison of, 786-790
- Avulsion, of posterior cruciate ligament (PCL)
arthroscopic technique for fixation with anchors for, 1146
from femoral insertion, arthroscopic fixation of, 1397
- Avulsion fractures
of tibial intercondylar eminence, arthroscopic reduction and internal fixation, 86-92
- Avulsion fractures
17-year follow-up of reattachment of nonunited anterior tibial spine, 760
- ACL tibial, biomechanical comparison of repair techniques for, 1197-1201
isolated, of lesser tuberosity, arthroscopic reconstruction of, 487-494
- Axillary nerve
monitoring of during arthroscopic shoulder stabilization, 665-671
technique for complete visualization of subscapularis tendon and identification of, 1016
- Baby diapers, as dressing for patients undergoing arthroscopic shoulder surgery, 253-255
- Bailey-Dubow extensible nails, arthroscopic-assisted revision of telescopic rods in osteogenesis imperfecta, 93-97
- Baker's cyst, arthroscopic treatment and visualization of its cavity, 638
- Bankart repair, arthroscopic
attachment types of long head of biceps tendon to glenoid labrum and relationship to glenohumeral ligaments, 1242-1249
effect of arm position on immediate postoperative evaluation with MR arthrography, 867-874
knotless suture anchors in treatment of anterior shoulder instability, 1283-1289
labral shape after, anchor vs. Caspari method, 194-199
new secure suture relay technique for, 113-118
pullout strength of knotless suture anchors, 81-85
stabilization of anterior labrum lesions, biomechanical evaluation of suture anchors for, 611-619
vs. open repair, patient subjective outcome and cost comparison, 1219-1222
- Baseball players
cubital tunnel syndrome in adolescent, 758
facioscapulohumeral muscular dystrophy presenting as shoulder pain in, 1145
- Basketball players
MRI of knee in asymptomatic professional, 557-561
- Beach-chair position, neurapraxia of cutaneous nerve of cervical plexus after shoulder arthroscopy, 631
- Belly-off sign, new clinical diagnostic sign for subscapularis lesions, 1229-1235
- Benign tumors, solitary intra-articular, causing mechanical knee symptoms, 12-18
- Bi-socket procedure, for ACL reconstruction, graft length changes in, 1317-1322
- Biceps tendon
arthroscopic active compression test, 634
endoscopic repair of distal, using EndoButton, 897
long head of, attachment types of, to glenoid labrum, 1242-1249
tenotomy vs. tenodesis, biomechanical analysis of, 182-185
- Biceps tendonitis

- arthroscopic transfer of long head biceps tendon to conjoint tendon, 764
- Biceps tenodesis
 biomechanical evaluation of four fixation techniques for proximal, 1296-1306
 mechanical strength of four different techniques, 992-998
 subpectoral, with interference screw fixation, 896
 two fixation techniques, biomechanical analysis of, 861-866
 using interference screw: end tunnel technique, 1405
 using suture anchors through subclavian portal, 248-252
 vs. tenotomy, biomechanical analysis of, 182-185
- Bioabsorbable screws. *See also* Interference screws.
 bioabsorbable vs. titanium, in ACL reconstruction, 147-151
 development of perforated interference screws, 258-265
 natural history of, in ACL reconstruction with 4-strand hamstring technique, 707-710
 salvage rotator cuff repair using biotenodesis screw, 122-124
 sutureless screw anchor vs. suture anchor fixation for rotator cuff repair, 43-47
- Bioabsorbable tacks
 rotator cuff repair of full-thickness tears using, 1421-1227
- BioCorkscrew suture anchors
 disintegration of absorbable anchor 6 weeks after implantation for rotator cuff repair, 495-497, 900-902 (Letters)
- Biodegradable polymers
 poly-D,L-lactide (PLLA) interference screws for ACL reconstruction, 804-808
- Biodegradable screws. *See* Bioabsorbable screws.
- Biomechanics
 assessment of clavicular translation after arthroscopic Mumford procedure, 64-68
 biceps tenodesis, evaluation of four fixation techniques for proximal, 1296-1306
 bioabsorbable sutureless screw anchor vs. suture anchor fixation for rotator cuff repair, 43-47
 central vs. peripheral tibial screw placement in hamstring ACL reconstruction, 703-706
 comparison of cyclic loading for different bone-patellar tendon-bone fixation techniques, 934-941
 evaluation of ACL graft fixation over time using transverse femoral fixation, 532-539
 graft/tunnel angles in PCL reconstruction, comparison of two techniques, 711-714
 of ACL, effects of electrothermal shrinkage on, 448-456
 of Bosworth and poly-L-lactic acid bioabsorbable screws for acromioclavicular separation, 1443-1446
 of initial tibial fixation in posterior cruciate ligament reconstruction, 1164-1171
 of long head biceps tenotomy vs. tenodesis, 182-185
 of two biceps tenodesis fixation techniques, 861-866
 primary stability of hamstring graft fixation with biodegradable suspension vs. interference screws, 266-274
 primary stability of three PCL reconstruction procedures, 970-978
 rotator cuff repair, cyclic loading of, bioabsorbable tacks vs. transosseous sutures, 875-880
 sliding vs. sliding-locking arthroscopic knots, 204-210
 stabilization of anterior labrum lesions, evaluation of suture anchors for, 611-619
 thread design and bioabsorbable interference screw insertion torque during retrograde fixation, 815-819
- BioStinger, arthroscopic meniscal repair using, 744-750
- Biotenodesis screws, salvage rotator cuff repair using, 122-124
- Bipartite patella, arthroscopic excision of painful fragment, 1006
- Bipolar radiofrequency, comparison of instruments for cutting meniscal tissue, 844-850
- Bone cysts, large, of proximal humerus, rotator cuff tears associated with, 1149
- Bone mineral density, thread design and bioabsorbable interference screw insertion torque during retrograde fixation, 815-819
- Bone tunnels, contact pressure in ACL, endoscopic and two-incision techniques, 439-444
- Bone-patellar tendon-bone grafts
 comparison of cyclic loading with different fixation techniques, 934-941
 comparison with hamstring grafts for ACL reconstruction, 34-42
 snug-fit and impingement free technique for ACL reconstruction with, 1402
 suture holes in, 1011
- Book reviews
 Andrews et al: *Physical Rehabilitation of the Injured Athlete*, 512
 Beredjikian & Bozenntka: *Review of Hand Surgery*, 1279
 Cole & Malek: *Articular Cartilage Lesions: A Practical Guide to Assessment and Treatment*, 511
 Imhoff et al: *An Atlas of Shoulder Arthroscopy*, 1521
 Miller & Cole: *Textbook of Arthroscopy: Principles and Practice*, 1279
 Munzinger et al: *Primary Knee Arthroplasty*, 1280
 Rockwood et al: *The Shoulder*, 3rd ed., 511-512
 Scuderi & Tria: *MIS of the Hip and Knee: A Clinical Perspective*, 511
 Warner et al: *Complex and Revision Problems in Shoulder Surgery*, 1522
 Williams et al: *Shoulder and Elbow Arthroplasty*, 1521
- Bosworth screws, biomechanics of, for treatment of acromioclavicular separations, 1443-1446
- Bullet removal, arthroscopic, from the acetabulum, 360-364
- Bupivacaine
 intra-articular 0.50%, after knee arthroscopy, 313-316, 1411-1413 (Letters)
 suprascapular nerve blocks for shoulder arthroscopy, 1015
- Bursa
 subacromial, proinflammatory cytokines and metalloproteases in, in patients with rotator cuff disease, 1076-1080
 traumatic articular-bursal fistula in collegiate football player, 1266
- Bursitis, medial collateral ligament, in a 12-year-old girl, 759
- Cadaveric studies
 arthroscopically inserted tacks or anchors vs. open transosseous rotator cuff repairs, 323-327
 cartilage thickness in talar dome, 404-404
 endoscopic release of ulnar nerve at elbow using Agee device, 691-695
 humeral avulsion of the glenohumeral ligaments (HAGL lesion), reconciling arthroscopic and anatomic morphology of humeral insertion of, 979-984
 percutaneous correction of humeral head defects associated with anterior shoulder instability, 1473-1478

- rotator cuff repair, cyclic loading of bioabsorbable tacks *vs.* transosseous sutures, 875-880
- tibial tunnel directions in PCL reconstruction, biomechanical comparisons of, 286-293
- Calcified loose bodies
 - trapped in lateral synovial recess of knee, 1144
- Cannulation device
 - use of motorized shaver in hip arthroscopy without use of, 895
- Capitellum
 - osteochondral autograft transplantation for osteochondritis dissecans of, in nonthrowing athletes, 1260
- Capsular laxity
 - plication-shift technique for, 119-121
- Capsular release
 - arthroscopic, after hemiarthroplasty of shoulder for fracture, 1150
 - effects of extent of, and postoperative therapy on outcomes in adhesive capsulitis, 1105-1113
- Capsular shift, open
 - in vitro* comparison of volume reduction *vs.* arthroscopic plication for anterior capsulorrhaphy, 659-664
- Capsulorrhaphy
 - anterior, *in vitro* comparison of volume reduction with arthroscopic plication *vs.* open capsular shift, 659-664
 - electrothermal, treatment of glenohumeral subluxation using, 985-991
 - thermal
 - arthroscopic, for unstable paralytic shoulder, 636
 - axillary nerve monitoring during arthroscopic shoulder stabilization with, 665-671
 - simulated shoulder, effect on glenohumeral fluid temperature, 592-596
- Cartilage
 - defects of, of knee, mosaicplasty for, results at 2-year follow-up, 462-470
 - degeneration of, association between meniscal tears and, 1366-1369
 - glenohumeral, lesions of, nonarthroplasty treatment of, 1131-1142
 - intra-articular findings in the reconstructed multiligament-injured knee, 424-430
 - MRI of the hip in detection of labral and chondral abnormalities, 385-393
 - repair of, arthroscopic assessment of, 1462-1467
 - thickness of, in talar dome, 404-404
- Caspary method, labral shape after arthroscopic Bankart repair, 194-199
- Chiari osteotomy, hip arthroscopy after previous, for developmental dysplasia of hip, 176-181
- Children. *See* Pediatrics.
- Chlorhexidine, preferred management of contaminated ACL grafts, survey of specialists, 1348-1353
- Chondral damage
 - inflammatory cytokine profiles associated with, in ACL-deficient knee, 1342-1347
- Chondral defects
 - of knee, arthroscopic microfracture of, 152-158
- Chondral disease
 - rapid progression of, in lateral compartment after meniscectomy, 1505-1509
- Chondral plug
 - repair of osteochondral defects with tissue-engineered, 1155-1163
- Chondrocytes
 - effect of simulated shoulder thermal capsulorrhaphy on glenohumeral fluid temperature, 592-596
- Chondrolysis
 - idiopathic, of ankle, 224-227
- Chondromalacia
 - acetabular tears with underlying, in runners, 580-585
- Chondromatosis, synovial
 - of glenohumeral joint, arthroscopic technique for, 633
- Chondroprotection
 - intra-articular hyaluronan following autogenous osteochondral grafting of knee, 999-1005
- Chronic exertional compartment syndrome
 - one-portal endoscopically assisted fasciotomy for, 108-112
- Chronic painful shoulder
 - nonsurgical interventions, 333-347
- Clavicle
 - assessment of clavicular translation after arthroscopic Mumford procedure, 64-68
- Closure, of rotator interval capsule
 - alternative technique for, 1276
- Cohort analysis
 - arthroscopic *vs.* mini-open rotator cuff repair, 328-332
- Collagen
 - radiofrequency energy effects on mechanical properties of tendon and capsule, 1479-1485
- Collagen meniscus implants
 - tissue-engineered, 5- to 6-year feasibility study results, 515-525
- Collagen sponge
 - repair of osteochondral defects with tissue-engineered chondral plug, 1155-1163
- Compartment syndrome
 - chronic exertional, one-portal endoscopically assisted fasciotomy for, 108-112
- Complications
 - effectiveness of knee arthroscopy after knee arthroplasty, 731-738
 - intraoperative arthroscopic suture anchor reloading, 898
 - meniscal repair with Meniscus Arrow, unsatisfactory results with, 905-910
 - neurapraxia of cutaneous nerve of cervical plexus after shoulder arthroscopy, 631
 - of hamstring ACL reconstruction with femoral cross-pin fixation, 762
 - popliteal artery laceration during PCL laceration, 1396
 - safe arthroscopic access to central compartment of hip, 1510-1514
- Computed tomography (CT)
 - osteoid osteoma of tibial plateau, CT-guided and arthroscopically controlled en bloc retrograde resection of, 351-359
 - three-dimensional, in arthroscopic repair of glenoid fractures using suture anchors, 635
- Computer-assisted planning
 - of ACL reconstruction, intersurgeon variance in, 942-947
- Congenital anomalies
 - developmental dislocation of hip, arthroscopic-assisted surgical treatment for, 574-579
- Consent
 - video informed consent improves knee arthroscopy patient comprehension, 739-743

- Contact pressure
 and graft harvest, with lateral release at osteochondral donor sites in knee, 715-720
 in ACL bone tunnels, endoscopic and two-incision techniques, 439-444
- Contamination
 preferred management of contaminated ACL grafts, survey of specialists, 1348-1353
- Continuous passive motion
 arthroscopic microfracture of chondral defects of knee, 152-158
- Coracoacromial ligament
 transfer of, for acute and chronic acromioclavicular joint dislocations, 1017
 traumatic rupture of, 763
- Coracoclavicular ligament
 biomechanics of Bosworth and poly-L-lactic acid bioabsorbable screws for treatment of acromioclavicular separations, 1443-1446
 reconstruction of
 for acute and chronic acromioclavicular joint dislocations, 1017
 using semitendinosus graft for failed acromioclavicular separation surgery, 1277
- Coracohumeral distance
 narrowed, relation between subscapularis tears and, 1223-1228
- Cosmesis
 posterior mini-incision technique for hamstring ACL reconstruction graft harvest, 130-137
- Cost analysis
 comparison of autograft vs. allograft for ACL reconstruction, 786-790
 in arthroscopic vs. open Bankart repair, 1219-1222
- Cross-pins
 ACL reconstruction using quadriceps tendon and bioabsorbable fixation with, 894
 complications of hamstring ACL construction with femoral cross-pin fixation, 762
 femoral fixation of hamstring grafts with, compared with patellar tendon autografts for ACL reconstruction, 1186-1192
 femoral fixation with, vs. metal interference screw fixation in ACL reconstruction, 25-33
- Cross-sectional area
 changes in, in hamstring grafts following transplantation for ACL reconstruction, 917-922
- Cryotherapy
 continuous, effect on intra-articular temperature of knee after arthroscopy, 552-556
- Cubital tunnel syndrome
 in adolescent baseball players, 758
- Cuneiform metatarsal joint
 arthroscopic lapidus arthrodesis, 1516
- Cyclic failure
 long head biceps tenotomy vs. tenodesis, 182-185
- Cyclic loading
 ACL tibial avulsion fractures, biomechanical comparison of repair techniques for, 1197-1201
 arthroscopically inserted tacks or anchors vs. open transosseous rotator cuff repairs, 323-327
 comparison of, for different bone-patellar tendon-bone fixation techniques, 934-941
 of bioabsorbable tacks vs. transosseous sutures for rotator cuff repair, 875-880
 primary stability of hamstring graft fixation with biodegradable suspension vs. interference screws, 266-274
 primary stability of three PCL reconstruction procedures, 970-978
- Cysts
 ganglion, of anterior cruciate ligament, 445-447
 large bone, of proximal humerus, rotator cuff tears associated with, 1149
 popliteal, arthroscopic treatment and visualization of its cavity, 638
 simple, in patella, autologous osteochondral grafting for, 1008
- Cytokines
 inflammatory profiles associated with chondral damage in ACL-deficient knee, 1342-1347
 proinflammatory, in subacromial bursa in patients with rotator cuff disease, 1076-1080
- Debridement, arthroscopic
 for arthrofibrosis resulting from nondisplaced fracture of radial head, 1492-1495
 of acute periprosthetic septic arthritis of knee
 of rotator cuff, without decompression for tendinosis, 1081-1089
- Decision making, shared, and physician and patient predictions and ratings of knee surgery outcomes, 562-569
- Decompression, intercondylar notch stenosis in degenerative arthritis of knee, 294-302
- Deep venous thrombosis
 after knee arthroscopy in athletes with thrombophilic factor lupus anticoagulant, 103-107
 after knee arthroscopy, meta-analysis of, 727-730, 1408-1410 (Letters)
- Degenerative arthritis
 of knee, intercondylar notch stenosis in, 294-302
- Developmental dislocation
 of hip, arthroscopic-assisted surgical treatment for, 574-579
- Developmental dysplasia
 hip arthroscopy after previous acetabular osteotomy for, 176-181
- Diagnostics
 labral tears of hip, magnetic resonance arthrography vs. hip arthroscopy, 1250-1256
 radiologic vs. arthroscopic, of acute ankle fractures and distal tibiofibular syndesmosis disruption, 1370-1374
 shoulder jerk test under anesthesia for glenohumeral instability, 672-679
- Diapers, as dressings for patients undergoing arthroscopic shoulder surgery, 253-255
- Discoid medial meniscus
 symptomatic, arthroscopic excision in one piece, 1515
- Disintegration
 of absorbable anchor 6 weeks after implantation for rotator cuff repair, 495-497, 900-902 (Letters)
- Dislocations
 hip, developmental, arthroscopic-assisted surgical treatment for, 574-579
 knee
 acute patellar, arthroscopic patellar "Bankart" repair after, 627

- locked lateral patellar, with ligamentous laxity after arthroscopic lateral release of knee, 628
- multiple-ligament injured knee, evaluation, treatment, and results, 471-486
- shoulder
- acromioclavicular joint, acute and chronic, arthroscopic treatment of, 1017
 - first traumatic anterior, immediate arthroscopic stabilization vs. immobilization and rehabilitation for, 55-63
 - labral repair and capsular shift of glenohumeral joint, technical pearls for, 766
 - shoulder jerk test under anesthesia for glenohumeral instability, 672-679
- Disposable diapers, as dressing for patients undergoing arthroscopic shoulder surgery, 253-255
- Docking technique, for posterolateral corner reconstruction, 238-242
- Dorsal radiocarpal ligament
- arthroscopic repair of, 1486-1491
- Double-bundle technique
- augmentation of posterior cruciate ligament using split Achilles allograft, 1436-1442
 - in ACL reconstruction
 - anatomic approach to, 1275
 - single femoral socket, using tibialis anterior tendon, 1273
 - using posteromedial protal technique with hamstrings, 1274
 - posterior cruciate ligament reconstruction using tibial inlay and, 1271
- Double-loop hamstring grafts
- vs. Achilles tendon allograft for PCL reconstruction, 965-969
- Dressings, effective, for patients undergoing arthroscopic shoulder surgery, 253-255
- Drill bit, inside-to-out, for ACL reconstruction, 1012
- Duncan loop, biomechanics of sliding vs. sliding-locking arthroscopic knots, 204-210
- Dysplasia, developmental
- hip arthroscopy after previous acetabular osteotomy for, 176-181
- Education, patient
- video informed consent improves knee arthroscopy patient comprehension, 739-743
- Elbow arthroscopy
- cubital tunnel syndrome in adolescent baseball players, 758
 - debridement for arthrofibrosis resulting from nondisplaced fracture of radial head, 1492-1495
 - lateral elbow reconstruction using new fixation technique, 503-505
 - lateral epicondylitis
 - long-term follow-up of open and endoscopic Hohmann procedures for, 684-690
 - microtenotomy using radiofrequency probe to treat, 851-860
 - ulnar collateral ligament, 1381-1395
- Elderly patients, arthroscopy in
- rotator cuff repair in patients older than 60 years, 48-54
- Electroneuromyography
- neurosensory function of medial meniscus, 1468-1472
- Electrosurgery
- microtenotomy using radiofrequency probe to treat lateral epicondylitis, 851-860
- Electrothermal shrinkage. *See also* Thermal shrinkage.
- effects on biomechanical properties of ACL, 448-456
- Embolism, pulmonary
- after knee arthroscopy in athletes with thrombophilic factor lupus anticoagulant, 103-107
- EndoButton
- clinical evaluation for ACL reconstruction, 412-417
 - endoscopic repair of distal biceps tendon using, 897
 - simple solution for failure of trailing sutures when using in ACL reconstruction, 1013
- EndoButton CL
- reverse Achilles tendon allograft technique for ACL reconstruction, 769
- Endoscopic procedures
- ACL reconstruction, contact pressure in ACL bone tunnels, endoscopic and two-incision techniques, 439-444
 - Hohman procedures for lateral epicondylitis, long-term follow-up of open and, 684-690
 - in hallux valgus surgery, 1403
 - internal snapping hip syndrome, endoscopic release of iliopsoas tendon for, 1375-1380
 - release
 - of ulnar nerve at elbow using Agee device, 691-695
 - one-portal endoscopically assisted fasciotomy for chronic exertional compartment syndrome, 108-112
 - repair of distal biceps tendon using EndoButton, 897
- Epicondylitis, lateral
- long-term follow-up of open and endoscopic Hohmann procedures for, 684-690
 - microtenotomy using radiofrequency probe to treat, 851-860
- Epidemiology, factors related to additional knee injuries after ACL injury, 431-438
- Extracapsular placcation, to treat multidirectional instability of shoulder, 1278
- Facioscapulohumeral muscular dystrophy, presenting as shoulder pain in a baseball player, 1145
- Failure load
- biceps tenodesis, mechanical strength of four different techniques, 992-998
 - biomechanical analysis of two biceps tenodesis techniques, 861-866
- Failure mode
- primary stability of hamstring graft fixation with biodegradable suspension vs. interference screws, 266-274
- Fasciotomy, one-portal endoscopically assisted, for chronic exertional compartment syndrome, 108-112
- FasT-Fix all-inside device, meniscal repair with, 167-175
- Fetuses, arthroscopic study of shoulder joint in, 1114-1119
- Finite element analysis, tibial tunnel directions in PCL reconstruction, biomechanical comparisons of, 286-293
- Fistula, traumatic articular-bursal, in collegiate football player, 1266
- Fixation
- ACL reconstruction using quadriceps tendon and bioabsorbable cross-pin, 894
 - bioabsorbable vs. metal screws, for soft-tissue interference fixation in ACL reconstruction, 911-916
 - biomechanical analysis of two biceps tenodesis techniques, 861-866
 - central vs. peripheral tibial screw placement in hamstring ACL reconstruction, 703-706

- cross-pin femoral, compared with patellar tendon autografts for ACL reconstruction, 1186-1192
- initial tibial, biomechanics of in posterior cruciate ligament reconstruction, 1164-1171
- intra-articular loose body following ACL reconstruction, 348-350
- lateral elbow reconstruction using new technique for, 503-505
- salvage rotator cuff repair using biotendosis screws, 122-124
- tibial eminence fractures, suture vs. screw fixation of displaced, 1172-1176
- tunnel widening after hamstring ACL reconstruction, effect of type of graft fixation on, 1337-1341
- Flexor tendon autograft
- intraosseous healing of, effect of transforming growth factor- β 1 on, 1034-1041
- Fluid retention
- immediate postoperative, and weight gain after shoulder arthroscopy, 605-610
- Fluorescent cytochemistry
- meniscal tissue, comparison of instruments for cutting, 844-850
- Foot arthroscopy
- hallux valgus surgery, endoscopic soft tissue procedure in, 1403
- lpidus arthrodesis, 1516
- Football players, traumatic articular-bursal fistula in collegiate, 1266
- Forced shoulder abduction test, to detect superior labral injury in throwing shoulder, 1290-1295
- Foreign body
- arthroscopic bullet removal from acetabulum, 360-364
- reaction to, Panacryl synovitis, 200-203
- Fractures
- ACL tibial avulsion, biomechanical comparison of repair techniques for, 1197-1201
- acute ankle, radiologic and arthroscopic diagnoses of distal tibiofibular syndesmosis disruption in, 1370-1374
- acute displaced scaphoid, arthroscopic reduction and percutaneous fixation of, 620-626
- avulsion, 17-year follow-up of reattachment of nonunited anterior tibial spine, 760
- glenoid, arthroscopic repair using suture anchors, 635
- isolated avulsion, of lesser tuberosity, arthroscopic reconstruction of, 487-494
- nondisplaced radial head, arthrofibrosis resulting from, arthroscopic debridement of, 1492-1495
- osteochondral fracture, of lateral femoral condyle, associated with patella dislocation, 228-232
- tibial eminence, suture vs. screw fixation of displaced, 1172-1176
- tibial plateau, arthroscopic treatment of intercondylar eminence avulsion fractures, 86-92
- Functional outcomes. *See also* Outcomes.
- of arthroscopic partial meniscectomy, factors predicting, 211-223
- Gait analysis, excessive tibial rotation during high-demand activities is not restored by ACL reconstruction, 1323-1329
- Ganglia, large extrasynovial intracapsular of the knee, 1362-1365
- Ganglion cysts, of anterior cruciate ligament, 445-447
- Glenohumeral arthritis
- arthroscopic glenoid resurfacing with meniscal allograft, 1517-1520
- Glenohumeral cartilage lesions
- nonarthroplasty treatment of, 1131-1142
- Glenohumeral instability
- arthroscopic thermal capsulorrhaphy for unstable paralytic shoulder, 636
- osteochondral allograft transplantation for, 1007
- rotator interval capsule closure, alternative technique for, 1276
- Glenohumeral joint
- anterior intra-articular injection of, 77-80
- synovial chondromatosis of, arthroscopic technique for, 633
- Glenohumeral ligaments
- attachment types of long head of biceps tendon to glenoid labrum and relationship to, 1242-1249
- humeral avulsion of (HAGL lesion)
- arthroscopic repair of, 498-502, 632
- inferior, reconciling arthroscopic and anatomic morphology of humeral insertion of, 979-984
- Glenoid concavity
- labral shape after arthroscopic Bankart repair, 194-199
- Glenoid fractures
- arthroscopic repair using suture anchors, 635
- Glenoid resurfacing
- arthroscopic, with meniscal allograft for glenohumeral arthritis, 1517-1520
- Gracilis, *see* Semitendinosus/gracilis graft
- Graft passage
- technique to facilitate in posterolateral reconstructions of knee, 637
- Graft rupture
- incidence and risk factors for contralateral rupture and, after ACL reconstruction with, 948-957
- Grafts. *See specific types and procedures.*
- Greater auricular nerve
- neurapraxia of cutaneous nerve of cervical plexus after shoulder arthroscopy, 631
- Gunshot wounds
- arthroscopic bullet removal from the acetabulum, 360-364
- HAGL lesions
- mini-open repair of, 1152
- technique for arthroscopic repair of, 498-502, 632
- Half-hitches
- additional needed in arthroscopic sliding knots, 405-411
- Hallux valgus
- endoscopic soft tissue procedure in surgery of, 1403
- Hamstring grafts
- ACL reconstruction with
- bioabsorbable vs. metal screws, for soft-tissue interference fixation in, 911-916
- central vs. peripheral tibial screw placement, 703-706
- changes in cross-sectional area of ACL grafts following transplantation, 917-922
- comparison of bone-patellar tendon-bone grafts with, 34-42
- complications of with femoral cross-pin fixation, 762, 1407-1408 (Letters)
- cross-pin femoral fixation vs. metal interference screw fixation, 25-33
- effects of semitendinosus and gracilis harvest in, 1177-1185

- incidence and risk factors for graft rupture and contralateral rupture after, 948-957
- medial hamstring tendon regeneration following harvest for, 1257-1264
- natural history of a bioabsorbable interference screw used with 4-strand technique, 707-710
- posterior mini-incision technique for graft harvest, 130-137
- stability results at 2- to 8-year follow-up, 138-146
- tunnel widening after , effect of type of graft fixation on, 1337-1341
- vs. patellar tendon autograft for, meta-analysis of, 791-803
- vs. patellar tendon graft, meta-analysis of stability after, 1202-1208
- with cross-pin femoral fixation compared with patellar tendon autografts for, 1186-1192
- with anteromedial and posterolateral bundles using hamstring tendon grafts, 639-641 (Letters)
- is sacrifice of the gracilis necessary, 275-280
- PCL reconstruction with
- double-loop autograft vs. Achilles tendon allograft for, 965-969
 - with remnant augmentation, 1401
- primary stability of fixation with biodegradable suspension vs. interference screws, 266-274
- Harvest, graft
- is sacrifice of the gracilis necessary, 275-280
 - posterior mini-incision technique for hamstring ACL reconstruction, 130-137
- Healing
- intraosseous, of flexor tendon autograft, effect of transforming growth factor- β 1 on, 1034-1041
 - matrix molecule mRNA levels in bursa and rotator cuff of patients with rotator cuff tears, 645-651
 - of posterior cruciate ligament, MRI and stress radiography evaluation of, 1354-1361
 - tendon, effect of hyaluronan on, 1330-1336
- Hemiarthroplasty
- of shoulder for fracture, capsular release after, 1150
- Hill-Sachs lesions
- associated with anterior shoulder instability, percutaneous correction of, 1473-1478
 - glenohumeral instability, osteochondral allograft transplantation for, 1007
- Hip arthroscopy
- acetabular tears with underlying chondromalacia in runners, 580-585
 - after previous acetabular osteotomy for developmental dysplasia of hip, 176-181
 - bullet removal from the acetabulum, 360-364
 - developmental dislocation, arthroscopic-assisted surgical treatment for, 574-579
 - internal snapping hip syndrome, endoscopic release of iliopsoas tendon for, 1375-1380
 - labral repair, surgical technique for, 1496-1504
 - MRI detection of labral and chondral abnormalities, 385-393
 - partial limbectomy in hip joints with acetabular hypoplasia, 586-591
 - safe access to central compartment of hip, 1510-1514
 - snapping hip, intra-articular type, arthroscopic surgery to treat, 1120-1125
 - traumatic rupture of ligamentum teres (Letters), 383-383
 - using a motorized shaver in, without use of cannula, 895
 - vascularity of the hip labrum, 3-11
 - vs. magnetic resonance arthrography in diagnosis of hip labral tears, 1250-1256
- Histologic findings
- impact of radiofrequency shrinkage on elongated ACL, 923-933
 - in mucopolysaccharidosis type IV (Morquio's syndrome), 233-237
- Hohmann procedures, for lateral epicondylitis, long-term follow-up of open and endoscopic, 684-690
- HU knot, 1014
- Humeral avulsion of the glenohumeral ligaments (HAGL lesion)
- arthroscopic repair of, 498-502, 632
 - mini-open repair of, 1152
 - reconciling arthroscopic and anatomic morphology of humeral insertion of, 979-984
- Humeral head defects, percutaneous correction of Hill-Sachs lesions associated with anterior shoulder instability, 1473-1478
- Humeroplasty, percutaneous correction of Hill-Sachs lesions associated with anterior shoulder instability, 1473-1478
- Hyaluronan
- effect on tendon healing, 1330-1336
 - for chronic painful shoulder, 333-347
 - intra-articular, following autogenous osteochondral grafting of knee, 999-1005
- Hyaluronic acid, intra-articular hyaluronan following autogenous osteochondral grafting of knee, 999-1005
- Hypoplastic hip, arthroscopic partial limbectomy in, 586-591
- Idiopathic chondrolysis, ankle, 224-227
- Iliotibial band. calcified loose bodies trapped in lateral synovial recess of knee, 1144
- Immobilization, effect of arm position on immediate postoperative evaluation with MR arthrography after arthroscopic Bankart repair, 867-874
- Impingement
- anterolateral soft tissue, of ankle, outcomes after arthroscopic treatment, 317-322
 - arthroscopic rotator cuff debridement without decompression for tendinosis, 1081-1089
 - proinflammatory cytokines and metalloproteases in subacromial bursa in patients with rotator cuff disease, 1076-1080
- Infection, septic arthritis of knee, arthroscopic debridement of acute periprosthetic
- Inferior glenohumeral ligament
- reconciling arthroscopic and anatomic morphology of humeral insertion of, 979-984
- Inflammation
- intraoperative efficacy of arthroscopic knee joint synovectomy in rheumatoid arthritis, 1209-1218
 - proinflammatory cytokines and metalloproteases in subacromial bursa in patients with rotator cuff disease, 1076-1080
- Informed consent, video improves knee arthroscopy patient comprehension, 739-743
- Injection test, subacromial, prognostic value of after arthroscopic subacromial decompression, 680-683
- Injections, anterior intra-articular, of glenohumeral joint, 77-80

- Injury. *See also* Trauma.
 anterior cruciate ligament (ACL) rupture, variation in scar pattern after, 19-24
- Instability
 ankle, chronic lateral, arthroscopic thermal shrinkage for in young athletes, 751-757
 shoulder
 anterior
 arthroscopic treatment using knotless suture anchors, 1283-1289
 percutaneous correction of humeral head defects associated with, 1473-1478
 recurrent traumatic, arthroscopic vs. open repair for, 652-658
 triple labral lesions, pathology and surgical repair, 186-193
 axillary nerve monitoring during arthroscopic stabilization, 665-671
 in vitro comparison of volume reduction with arthroscopic plication vs. open capsular shift, 659-664
 labral repair and capsular shift of glenohumeral joint, technical pearls for, 766
 multidirectional
 extracapsular plication to treat, 1278
 shoulder jerk test under anesthesia for glenohumeral instability, 672-679
 radiofrequency energy effects on mechanical properties of tendon and capsule, 1479-1485
 rotator interval closure after arthroscopic capsulolabral repair, 765
- Instrumentation, role in achieving arthroscopic knot security, 69-76
- Intercondylar eminence, avulsion fractures, arthroscopic treatment of, 86-92
- Intercondylar notch stenosis, in degenerative arthritis of knee, 294-302
- Interference screws
 bioabsorbable
 development of perforated biodegradable, 258-265
 thread design and insertion torque during retrograde fixation, 815-819
 vs. metal, for soft-tissue interference fixation in ACL reconstruction, 911-916
 vs. titanium, in ACL reconstruction, 147-151
 biomechanical analysis of two biceps tenodesis techniques, 861-866
 cross-pin femoral fixation vs. metal interference screw fixation in ACL reconstruction, 25-33
 fixation of subpectoral biceps tenodesis, 896
 incidence and risk factors for graft rupture and contralateral rupture after ACL reconstruction with, 948-957
 poly-D,L-lactide, for ACL reconstruction, 804-808
 primary stability of hamstring graft fixation with biodegradable suspension vs., 266-274
 removal of dislocated, through a posteromedial portal, 1398
 use in arthroscopic biceps tenodesis, 1405
- Interleukin 1-ra
 inflammatory cytokine profiles associated with chondral damage in ACL-deficient knee, 1342-1347
- Interleukin-1
 inflammatory cytokine profiles associated with chondral damage in ACL-deficient knee, 1342-1347
- Internal snapping hip syndrome, endoscopic release of iliopsoas tendon for, 1375-1380
- Intra-articular injections
 after knee arthroscopy
 ropivacaine 0.75% and bupivacaine 0.50%, 307-312, 1411-1413 (Letters)
 short-term analgesic effects of, 307-312
 with tramadol, compared with morphine, 1060-1065
 anterior, of glenohumeral joint, 77-80
- Intra-articular lesions, of knee, solitary, causing mechanical symptoms, 12-18
- Intra-articular snapping hip. arthroscopic surgery to treat, 1120-1125
- Intra-articular temperature, of knee, effect of arthroscopy and continuous cryotherapy on, 552-556
- Inversion injury, of ankle, arthroscopic treatment of anterolateral soft tissue impingement of ankle, outcomes after, 317-322
- Isometric position, bi-socket procedure for ACL reconstruction, graft length changes in, 1317-1322
- Killer turn, graft/tunnel angles in PCL reconstruction, comparison of two techniques, 711-714
- Knee, MRI of, in asymptomatic professional basketball players, 557-561
- Knee arthroscopy
 17-year follow-up of reattachment of nonunited anterior tibial spine avulsion fracture, 760
 anterior cruciate ligament (ACL)
 ACL-deficient knees
 35 years of follow-up in high-level athletes, 696-702
 anterior tibial subluxation in MRI quantification of, 1193-1196
 inflammatory cytokine profiles associated with chondral damage in, 1342-1347
 impact of radiofrequency shrinkage on elongated, 923-933
 partial tears of, thermal modification of, 809-814
 radiofrequency thermal shrinkage, 1027-1033
 simultaneous acute rupture of patellar tendon and, 1143
 tibial avulsion fracture of, biomechanical comparison of repair techniques for, 1197-1201
 variation in scar pattern after rupture of, 19-24
 anterior cruciate ligament (ACL) reconstruction
 allograft vs. autograft
 analysis of outcomes, 774-785
 cost comparison of, 786-790
 bioabsorbable vs. titanium interference screws for, 147-151
 central vs. peripheral screw placement in hamstring, 703-706
 changes in cross-sectional area of hamstring grafts following transplantation, 917-922
 comparison of cyclic loading for different bone-patellar tendon-bone fixation techniques, 934-941
 complications of, with femoral cross-pin fixation, 762, 1406-1407 (Letters)
 computer-assisted planning of, intersurgeon variance in, 942-947
 cross-pin femoral fixation vs. metal interference screw fixation in, 25-33
 differential pretensions of a flexor tendon graft for, 540-546
 double-bundle, anatomic approach to, 1275

- effects of semitendinosus and gracilis harvest in, 1177-1185
 evaluation of ACL graft fixation over time using transverse femoral fixation, 532-539
 excessive tibial rotation during high-demand activities is not restored by, 1323-1329
 graft length changes in bi-socket, 1317-1322
 hamstring, is sacrifice of the gracilis necessary, 275-280
 hamstring, stability results at 2- to 8-year follow-up, 138-146
 hamstring vs. patellar tendon graft, meta-analysis of stability after, 1202-1208
 hamstring, tunnel widening after, effect of type of graft fixation on, 1337-1341
 incidence and risk factors for graft rupture and contralateral rupture after, 948-957
 injury to infrapatellar branch of saphenous nerve in, 281-285
 inside-to-out drill bit for, 1012
 loose intra-articular body following, 348-350, 1410-1411 (Letter)
 medial hamstring tendon regeneration following harvest for, 1257-1264
 natural history of a bioabsorbable interference screw used with 4-strand hamstring technique, 707-710
 new double-bundle technique using posteromedial portal and hamstrings, 1274
 of anteromedial and posterolateral bundles using hamstring tendon grafts, 639-641 (Letters)
 outcome and risk factors after, 958-964
 patellar tendon vs. gracilis and semitendinosus autograft, clinical evaluation of, 412-417
 patellar tendon vs. hamstring tendon autograft, meta-analysis of, 791-803
 poly-D,L-lactide interference screws for, 804-808
 preferred management of contaminated ACL grafts, survey of specialists, 1348-1353
 primary stability of hamstring graft fixation with biodegradable suspension vs. interference screws, 266-274
 revision
 3- to 9-year follow-up, 418-423
 management of bony deficiency in, 767
 peashooter device for bone grafting during, 1010
 using over-the-top femoral route, 243-247
 simple solution for failure of trailing sutures when using EndoButton, 1013
 single femoral socket double-bundle, using tibial anterior tendon, 1273
 soft-tissue interference fixation, bioabsorbable vs. metal screws, 911-916
 suture holes in bone-patellar tendon-bone grafts, 1011
 thread design and bioabsorbable interference screw insertion torque during retrograde fixation, 815-819
 transforming growth factor- β 1, effect on intraosseous healing of flexor tendon autograft, 1034-1041
 using quadriceps tendon and bioabsorbable cross-pin fixation, 894
 with bone-patellar tendon-bone graft, snug-fit and impingement free technique for, 1402
 with hamstring tendons and cross-pin femoral fixation compared with patellar tendon autografts, 1186-1192
 arthroscopic microfracture of chondral defects, 152-158
 association between cartilage changes and degenerative meniscal tears, 1366-1369
 bipartite patella, excision of painful fragment, 1006
 calcified loose bodies in lateral synovial recess, 1144
 contact pressure and graft harvest, with lateral release at osteochondral donor sites, 715-720
 deep venous thrombosis after
 and pulmonary embolism after, in athletes with thrombophilic factor lupus anticoagulant, 103-107
 meta-analysis of, 727-730, 1408-1410 (Letters)
 degenerative arthritis, intercondylar notch stenosis in, 294-302
 discoid medial meniscus, symptomatic, arthroscopic excision in one piece, 1515
 effect of continuous cryotherapy on intra-articular temperature of after, 552-556
 effectiveness of, after knee arthroplasty, 731-738
 electrothermal shrinkage, effects on biomechanical properties of ACL, 448-456
 ganglia, large extrasynovial intracapsular, 1362-1365
 in mucopolysaccharidosis type IV (Morquio's syndrome), 233-237
 intra-articular findings in reconstructed the multiligament-injured knee, 424-430
 intra-articular lipoma of knee joint in a girl, 98-102
 intra-articular tramadol compared with morphine after, 1060-1065
 lateral retinacular release, long-term results of, 526-531
 locked knee, solitary benign intra-articular lesions causing, 12-18
 medial collateral ligament bursitis in a 12-year-old girl, 759
 medial meniscus
 arthroscopic visualization of posterior horn of, 1272
 neurosensory function of medial, 1468-1472
 symptomatic anomalous insertion of the, 629
 meniscal repair
 all-inside knot suture technique, 768
 of longitudinal tears, compressive loads in, 1452-1456
 sartorial branch of saphenous nerve, anatomy at joint line of knee, 547-551
 using BioStinger, 744-750
 using FasT-Fix all-inside meniscal repair device, 167-175
 using Meniscus Arrow, unsatisfactory results with, 905-910
 using Polysorb meniscal stapler XLS, 1148
 meniscal tissue, comparison of instruments for cutting, 844-850
 meniscectomy
 partial, factors predicting functional and radiographic outcomes after, 211-223
 rapid progression of chondral disease in lateral compartment after, 1505-1509
 meniscus implants, tissue-engineered collagen, 5- to 6-year feasibility study results, 515-525
 meniscus tears, of anterior horn, arthroscopic all-inside repair of, 1399
 mosaicplasty for cartilage defects of knee, results at 2-year follow-up, 462-470
 multiple-ligament injured, evaluation, treatment, and results, 471-486
 nail-patella syndrome, E1(Jan)
 osteoarthritis, localized synovial hypertrophy in anteromedial compartment, 1457-1461

- osteochondral defects, mosaic osteochondral autologous transplantation (OAT) *vs.* microfracture for treatment of, 1066-1075
- osteochondral grafting, intra-articular hyaluronan following autogenous, 999-1005
- osteoid osteoma of tibial plateau, CT-guided and arthroscopically controlled en bloc retrograde resection of, 351-359
- osteonecrosis, arthroscopic microfracture treatment for, 834-843
- pain management after
 intra-articular injections after, short-term analgesic effects of, 307-312
 intra-articular ropivacaine 0.75% and bupivacaine 0.50% for, 313-316, 1411-1413 (Letters)
- patella dislocation
 arthroscopic patellar "Bankart" repair after acute, 627
 locked lateral, with ligamentous laxity after arthroscopic lateral release of knee, 628
 osteochondral injury to lateral femoral condyle associated with, 228-232
 reconstruction of medial patellofemoral ligament using quadriceps tendon graft for, 365-370
- patellar subluxation
 minimally invasive "crescentic" imbrication of medial patellofemoral ligament for chronic, 371-375
- pigmented villonodular synovitis
 affecting popliteus tendon onad posterolateral compartment, 893
 clustered localized, 761
- popliteal cyst, treatment and visualization of its cavity, 638
- popliteus tendon, evaluation of in posterolateral laxity, 721-726
- posterior cruciate ligament (PCL)
 anatomic characteristics of tibial insertion of, 820-825
 arthroscopic fixation of avulsion of, from femoral insertion, 1397
 arthroscopic technique for fixation with anchors for avulsion of, 1146
 healing of, MRI and stress radiography evaluation of, 1354-1361
 subjective results of nonoperatively treated acute, isolated injuries, 457-461
- posterior cruciate ligament (PCL) reconstruction
 biomechanics of initial tibial fixation in, 1164-1171
 double-loop hamstring tendon autograft *vs.* Achilles tendon allograft, 965-969
 graft/tunnel angles in, comparison of two techniques, 711-714
 isolated single-bundle, clinical outcomes after, 1042-1050
 popliteal artery laceration during, 1396
 primary stability of three procedures for, 970-978
 tibial tunnel directions in, biomechanical comparisons of, 286-293
 using hamstring tendon graft with remnant augmentation, 1401
 using tibial-inlay and double-bundle technique, 1271
- posterolateral bundle sign, of normal ACL in PCL-deficient knee, 1267
- posterolateral corner
 anatomic reconstruction, 1147
 docking technique for reconstruction, 238-242
 evaluation under microsurgical dissection, 826-833
 reconstruction of, 1051-1059
 reconstruction of using bifid Achilles tendon allograft and double femoral tunnel, 1400
 technique to facilitate graft passage in, 637
 removal of dislocated femoral interference screw through a posteromedial portal, 1398
 shared decision making, physician and patient predictions and ratings of outcomes of, 562-569
 simple cyst in patella, autologous osteochondral grafting for, 1008
 snapping popliteus tendon, diagnosis of, 888-892
 solitary benign intra-articular lesions causing mechanical symptoms, 12-18
 synovectomy in rheumatoid arthritis, intraoperative efficacy of, 1209-1218
 tibial eminence fractures, suture *vs.* screw fixation of displaced, 1172-1176
 total knee arthroplasty
 arthroscopic debridement of acute periprosthetic septic arthritis of knee, 303-306
 new technique for revision of posterior compartment in symptomatic, 506-510
 video informed consent improves patient comprehension, 739-743
- Knee pain, snapping popliteus tendon, diagnosis of, 888-892
- Knee tumors, pigmented villonodular synovitis of popliteus tendon and posterolateral compartment, 893
- Knot suture, new meniscal repair with all-inside knot suture technique, 768
- Knotless suture anchors, in treatment of anterior shoulder instability, 1283-1289
- Knots, arthroscopic
 intraoperative arthroscopic suture anchor reloading, 898
 new HU sliding knot, 1014
 new sliding self-locking triad knot, 899
 role of instrumentation in achieving knot security, 69-76
 sliding *vs.* sliding-locking, biomechanical comparison, 204-210
 sliding, additional half-hitches needed in, 405-411
- Labral lesions, triple combined, pathology and surgical repair, 186-193
- Labral repair, arthroscopic, surgical technique for, 1496-1504
- Labral tears
 arthroscopic partial limbectomy in hip joints with acetabular hypoplasia, 586-591
 of hip, magnetic resonance arthrography *vs.* hip arthroscopy in diagnosis of, 1250-1256
 vascularity of hip labrum, 3-11
- Labrum
 hip, vascularity of, 3-11
 MRI of the hip in detection of labral and chondral abnormalities, 385-393
- Laceration, of popliteal artery during PCL reconstruction, 1396
- Lapidus arthrodesis, arthroscopic, 1516
- Laser scanning cytometry, meniscal tissue, comparison of instruments for cutting, 844-850
- Lateral collateral ligament
 in microsurgical dissection of posterolateral corner of knee, 826-833

- intra-articular findings in the reconstructed multiligament-injured knee, 424-430
- multiple-ligament injured knee, evaluation, treatment, and results, 471-486
- posterolateral corner reconstruction of knee using bifid Achilles tendon allograft and double femoral tunnel, 1400
- ulnar, lateral elbow reconstruction using new fixation technique, 503-505
- Lateral compartment, rapid progression of chondral disease in, after meniscectomy, 1505-1509
- Lateral epicondylitis
- long-term follow-up of open and endoscopic Hohmann procedures for, 684-690
 - microtenotomy using radiofrequency probe to treat, 851-860
- Lateral meniscus
- compressive loads in longitudinal tears, 1452-1456
 - tears of of anterior horn of, arthroscopic all-inside repair of, 1399
- Lateral patellar dislocation, locked, with ligamentous laxity after arthroscopic lateral release of knee, 628
- Lateral release, of knee, arthroscopic, locked lateral patella dislocation of after, 628
- Lateral retinacular release, long-term results of, 526-531
- Lateral synovial recess, of knee, calcified loose bodies trapped in, 1144
- Laxity, knee
- generalized ligamentous, lateral patellar dislocation with, arthroscopic lateral release of knee, 628
 - posterolateral, arthroscopic evaluation of popliteus tendon in, 721-726
 - variation in scar pattern after anterior cruciate ligament (ACL) rupture, 19-24
- Learning curve
- computer-assisted planning of ACL reconstruction, intersurgeon variance in, 942-947
 - for arthroscopic rotator cuff repair, 394-400
- Lesser occipital nerve, neurapraxia of cutaneous nerve of cervical plexus after shoulder arthroscopy, 631
- Lesser tuberosity, isolated avulsion fracture of, arthroscopic reconstruction of, 487-494
- Ligaments
- anterior cruciate, *see* Anterior cruciate ligament
 - coracoacromial, traumatic rupture of, 763
 - coracoclavicular, reconstruction of for acute and chronic acromioclavicular joint dislocations, 1017
 - dorsal radiocarpal, arthroscopic repair of, 1486-1491
 - glenohumeral, attachment types of long head of biceps tendon to glenoid labrum and relationship to, 1242-1249
 - intra-articular findings in reconstructed the multiligament-injured knee, 424-430
 - medial collateral, bursitis of, in a 12-year-old girl, 759
 - medial patellofemoral
 - minimally invasive "crescentic" imbrication of, for chronic patellar subluxation, 371-375
 - reconstruction of, using quadriceps tendon graft for, 365-370
 - multiple-ligament injured knee, evaluation, treatment, and results, 471-486
 - popliteofibular, in microsurgical dissection of posterolateral corner of knee, 826-833
 - posterior cruciate, *see* Posterior cruciate ligament
- Ligamentum teres, traumatic rupture of (Letters), 383-383
- Limpectomy, partial, arthroscopic, in hip joints with acetabular hypoplasia, 586-591
- Lipoma, intra-articular, of knee joint in a girl, 98-102
- Lipoma arborescens, causing mechanical knee symptoms, 12-18
- Local anesthesia, arthroscopic subacromial decompression performed under, 1404
- Locked knee, solitary benign intra-articular lesions causing mechanical symptoms, 12-18
- Long head of biceps tendon
- attachment types of, to glenoid labrum, 1242-1249
 - tenotomy vs. tenodesis, biomechanical analysis of, 182-185
 - two biceps tenodesis fixation techniques, biomechanical analysis of, 861-866
- Loop security, additional half-hitches needed in arthroscopic sliding knots, 405-411
- Loose bodies
- calcified, trapped in lateral synovial recess of knee, 1144
 - intra-articular, following ACL reconstruction, 348-350, 1410-1411 (Letter)
- Lupus anticoagulant, deep venous thrombosis and pulmonary embolism after knee arthroscopy in athletes with, 103-107
- Magnetic resonance arthrography
- effect of arm position on immediate postoperative evaluation with after arthroscopic Bankart repair, 867-874
 - vs. hip arthroscopy in diagnosis of hip labral tears, 1250-1256
- Magnetic resonance imaging (MRI)
- effects of semitendinosus and gracilis harvest in ACL reconstruction, 1177-1185
 - functional and structural outcomes after full-thickness rotator cuff repair, 1307-1316
 - in evaluation of posterior cruciate ligament healing, 1354-1361
 - intra-articular lipoma of knee joint in a girl, 98-102
 - intra-articular snapping hip, arthroscopic surgery to treat, 1120-1125
 - of knee in asymptomatic professional basketball players, 557-561
 - of the hip, detection of labral and chondral abnormalities with, 385-393
 - preoperative, to predict rotator cuff tear pattern and repair method, 1428-1435
 - quantifying anterior tibial subluxation in ACL-deficient knees, 1193-1196
 - simultaneous acute rupture of patellar tendon and ACL, 1143
- Mason type 1 radial head fractures, arthrofibrosis resulting from, arthroscopic debridement of, 1492-1495
- Matrix molecules, mRNA levels in bursa and rotator cuff of patients with rotator cuff tears, 645-651
- Mechanical testing. *See also* Biomechanics.
- development of perforated biodegradable interference screws, 258-265
 - impact of radiofrequency shrinkage on elongated ACL, 923-933
- Medial collateral ligament
- bursitis of, in a 12-year-old girl, 759
 - intra-articular findings in the reconstructed multiligament-injured knee, 424-430
 - multiple-ligament injured knee, evaluation, treatment, and results, 471-486

- Medial meniscus
 arthroscopic visualization of posterior horn of, 1272
 discoid, symptomatic, arthroscopic excision in one piece, 1515
 neurosensory function of, 1468-1472
 symptomatic anomalous insertion of the, 629
- Medial patellofemoral ligament
 arthroscopic patellar "Bankart" repair after acute dislocation, 627
 minimally invasive "crescentic" imbrication of, for chronic patellar subluxation, 371-375
 reconstruction of, using quadriceps tendon graft for, 365-370
- Meniscal repair
 all-inside knot suture technique, 768
 arthroscopic, using BioStinger, 744-750
 sartorial branch of saphenous nerve, anatomy at joint line of knee, 547-551
 using FasT-Fix all-inside meniscal repair device, 167-175
 using Meniscus Arrow, unsatisfactory results with, 905-910
 using Polysorb meniscal stapler XLS, 1148
- Meniscal tears
 association between articular cartilage changes and degenerative, 1366-1369
 longitudinal lateral, compressive loads in, 1452-1456
 of anterior horn, arthroscopic all-inside repair of, 1399
- Meniscal tissue
 comparison of instruments for cutting, 844-850
- Meniscectomy
 35 years of follow-up of ACL-deficient knees in high-level athletes, 696-702
 arthroscopic partial, factors predicting functional and radiographic outcomes after, 211-223
 rapid progression of chondral disease in lateral compartment after, 1505-1509
 shared decision making, and physician and patient predictions and ratings of outcomes of, 562-569
- Meniscus
 discoid medial, symptomatic, arthroscopic excision in one piece, 1515
 medial, symptomatic anomalous insertion of the, 629
 neurosensory function of medial, 1468-1472
- Meniscus Arrow, meniscal repair with, unsatisfactory results with, 905-910
- Meniscus implants, tissue-engineered collagen, 5- to 6-year feasibility study results, 515-525
- Metalloproteases, proinflammatory, in subacromial bursa in patients with rotator cuff disease, 1076-1080
- Metatarsal joint, arthroscopic ligidus arthrodesis, 1516
- Microfracture
 arthroscopic, of chondral defects of knee, 152-158
 vs. osteochondral autologous transplantation (OAT) for treatment of osteochondral defects of knee in young athletes, 1066-1075
- Microsurgical dissection, posterolateral corner of knee, evaluation under, 826-833
- Microtenotomy, using radiofrequency probe to treat lateral epicondylitis, 851-860
- Mini-open repair
 of HAGL lesion, 1152
 rotator cuff repair
 arthroscopic vs., cohort comparison study of, 328-332
 comparison of clinical outcomes vs. arthroscopic repair, 1415-1420
- Monitoring, of axillary nerve, during arthroscopic shoulder stabilization, 665-671
- Morphine, intra-articular tramadol compared with, after arthroscopic knee surgery, 1060-1065
- Morquio's syndrome, arthroscopic and histologic findings in, 233-237
- Mosaicplasty
 bone-cartilage transplantation from ipsilateral knee for chondral lesions of talus, 159-166
 for cartilage defects of knee, results at 2-year follow-up, 462-470
 osteochondritis dissecans of the talus, bony lesion recurrence after, 630
 split-line orientation of talar dome articular cartilage, 570-573
- mRNA, matrix molecule levels of, in bursa and rotator cuff of patients with rotator cuff tears, 645-651
- Mucopolysaccharidosis type IV (Morquio's syndrome), arthroscopic and histologic findings in, 233-237
- Mumford procedure, assessment of clavicular translation after arthroscopic, 64-68
- Muscular dystrophy, facioscapulohumeral, presenting as shoulder pain in a baseball player, 1145
- Muslims, ACL reconstruction with patellar tendon vs. gracilis and semitendinosus autograft, clinical evaluation in, 412-417
- Nail-patella syndrome, arthroscopic findings in, E1(Jan)
- Nappy, as dressing for patients undergoing arthroscopic shoulder surgery, 253-255
- Natural history
 35 years of follow-up of ACL-deficient knees in high-level athletes, 696-702
 of bioabsorbable screw in ACL reconstruction with 4-strand hamstring technique, 707-710
- Nerve entrapment, endoscopic release of ulnar nerve at elbow using Agee device, 691-695
- Nerve identification, arthroscopic technique for axillary, 1016
- Nerve injury
 axillary nerve monitoring during arthroscopic shoulder stabilization, 665-671
 sartorial branch of saphenous nerve, anatomy at joint line of knee, 547-551
 to infrapatellar branch of saphenous nerve in ACL reconstruction, 281-285
- Neurapraxia, of cutaneous nerve of cervical plexus after shoulder arthroscopy, 631
- Neurosensory function, of medial meniscus, 1468-1472
- Nicky's knot, biomechanics of sliding vs. sliding-locking arthroscopic knots, 204-210
- Nonsteroidal antiinflammatory drugs (NSAIDs), for chronic painful shoulder, 333-347
- Notch impingement, changes in cross-sectional area of hamstring grafts following transplantation for ACL reconstruction, 917-922
- Notchplasty, new technique for revision of posterior compartment in symptomatic total knee arthroplasty, 506-510
- OATS. *See* Osteochondral autograft transfer system.
- Open repair
 of rotator cuff repair, *versus* arthroscopic repair, comparative view of 96 cases, 597-604

- rotator cuff repair, comparison of arthroscopic and, 1090-1098
- vs. arthroscopic repair
 - for traumatic anterior shoulder instability, 652-658
- Osteoarthritis
 - 35 years of follow-up of ACL-deficient knees in high-level athletes, 696-702
 - inflammatory cytokine profiles associated with chondral damage in ACL-deficient knee, 1342-1347
 - localized synovial hypertrophy in anteromedial compartment of knee, 1457-1461
- Osteochondral autograft transfer system (OATS)
 - bone-cartilage transplantation from ipsilateral knee for chondral lesions of talus, 159-166
 - vs. microfracture for treatment of osteochondral defects of knee in young athletes, 1066-1075
- Osteochondral autograft transplantation
 - for osteochondritis dissecans of capitellum in nonthrowing athletes, 1260
- Osteochondral autografts, contact pressure and graft harvest, with lateral release at donor sites in knee, 715-720
- Osteochondral defects
 - bone-cartilage transplantation from ipsilateral knee for chondral lesions of talus, 159-166
 - of knee joint, mosaic osteochondral autologous transplantation (OAT) vs. microfracture for treatment of, 1066-1075
 - repair of with tissue-engineered chondral plug, 1155-1163
- Osteochondral fracture, of lateral femoral condyle, associated with patella dislocation, 228-232
- Osteochondral grafting
 - for glenohumeral instability, 1007
 - for simple cyst in patella, 1008
 - multiple arthroscopic, for cartilage defects of knee, results at 2-year follow-up, 462-470
 - of knee, intra-articular hyaluronan following autogenous, 999-1005
- Osteochondritis dissecans
 - cartilage thickness in talar dome, 404-404
 - of capitellum in nonthrowing athletes, osteochondral autograft transplantation for, 1260
 - of the talus, bony lesion recurrence after mosaicplasty of, 630
- Osteogenesis imperfecta, arthroscopic-assisted revision of telescopic rods in, 93-97
- Osteoid osteoma, juxta-articular of tibial plateau, CT-guided and arthroscopically controlled en bloc retrograde resection of, 351-359
- Osteoma, osteoid, juxta-articular of tibial plateau, CT-guided and arthroscopically controlled en bloc retrograde resection of, 351-359
- Osteonecrosis, of knee, arthroscopic microfracture treatment for, 834-843
- Osteotomy, hip arthroscopy after previous acetabular, for developmental dysplasia of hip, 176-181
- Outcomes
 - allograft vs. autograft for ACL reconstruction, analysis of outcomes, 774-785
 - and risk factors after ACL reconstruction with, 958-964
 - arthroscopic assessment of cartilage repair, 1462-1467
 - arthroscopic microfracture of chondral defects of knee, 152-158
 - clinical, after isolated single-bundle PCL reconstruction, 1042-1050
 - functional and structural, after full-thickness rotator cuff repair, 1307-1316
 - of arthroscopic partial meniscectomy, factors predicting functional and radiographic, 211-223
 - of arthroscopic treatment of anterolateral soft tissue impingement of ankle, 317-322
 - of knee surgery, shared decision making and physician and patient predictions and ratings of, 562-569
 - open *versus* arthroscopic rotator cuff repair, comparative view of 96 cases, 597-604
 - patient subjective, in arthroscopic vs. open Bankart repair, 1219-1222
 - peripheral triangular fibrocartilage complex tears, factors affecting arthroscopically assisted repair, 1126-1130
 - stability results of hamstring ACL reconstruction at 2- to 8-year follow-up, 138-146
 - subjective results of nonoperatively treated acute, isolated PCL injuries, 457-461
- Over-the-top route, revision ACL reconstruction using femoral, 243-247
- Pain
 - knee, lateral retinacular release, long-term results of, 526-531
 - shared decision making, and physician and patient predictions and ratings of outcomes of knee surgery, 562-569
- Pain management
 - after knee arthroscopy
 - intra-articular injections, short-term analgesic effects of, 307-312, 1411-1413 (Letters)
 - intra-articular ropivacaine 0.75% and bupivacaine 0.50% for, 313-316
 - intra-articular tramadol compared with morphine, 1060-1065
 - in chronic painful shoulder, nonsurgical interventions, 333-347
 - suprascapular nerve blocks, for shoulder arthroscopy, 1015
- Panacryl, synovitis due to, 200-203
- Paralytic shoulder, arthroscopic thermal capsulorrhaphy for unstable, 636
- Partial meniscectomy, arthroscopic, factors predicting functional and radiographic outcomes after, 211-223
- Patella
 - bipartite, excision of painful fragment, 1006
 - nail-patella syndrome, arthroscopic findings in, E1(Jan)
 - simple cyst in, autologous osteochondral grafting for, 1008
- Patellar dislocation
 - arthroscopic patellar "Bankart" repair after acute, 627
 - locked lateral, with ligamentous laxity after arthroscopic lateral release of knee, 628
 - osteochondral injury to lateral femoral condyle associated with, 228-232
 - reconstruction of medial patellofemoral ligament using quadriceps tendon graft for, 365-370
- Patellar subluxation, minimally invasive "crescentic" imbrication of medial patellofemoral ligament for chronic, 371-375
- Patellar tendon
 - compared with hamstring grafts with cross-pin femoral fixation for ACL reconstruction, 1186-1192
 - comparison of bone-patellar tendon-bone and hamstring grafts for ACL reconstruction, 34-42
 - incidence and risk factors for graft rupture and contralateral rupture after ACL reconstruction with, 948-957

- outcome and risk factors after ACL reconstruction with, 958-964
- simultaneous acute rupture of ACL and, 1143
- vs. gracilis and semitendinosus autograft for ACL reconstruction, clinical evaluation of, 412-417
- vs. hamstring graft, meta-analysis of stability after ACL reconstruction with, 1202-1208
- vs. hamstring tendon autograft for ACL reconstruction, meta-analysis of, 791-803
- Patellectomy, partial, for bipartite patella, 1006
- Patellofemoral joint, lateral retinacular release, long-term results of, 526-531
- Patients
- shared decision making, physician and patient predictions and ratings of knee surgery outcomes, 562-569
 - video informed consent improves knee arthroscopy patient comprehension, 739-743
- Peashooter device, for bone grafting during revision ACL surgery, 1010
- Pediatrics
- developmental dislocation of hip, arthroscopic-assisted surgical treatment for, 574-579
 - medial collateral ligament bursitis in a 12-year-old girl, 759
- Perforated screws, biodegradable, development of, 258-265
- Perilunate injury, dorsal dislocations and fracture-dislocations, 1153
- Physical examination, belly-off sign, as new clinical diagnostic sign for subscapularis lesions, 1229-1235
- Physical therapy
- effects of extent of capsular release and, on outcomes in adhesive capsulitis, 1105-1113
 - for chronic painful shoulder, 333-347
- Physicians
- shared decision making, physician and patient predictions and ratings of knee surgery outcomes, 562-569
- Pigmented villonodular synovitis
- causing mechanical knee symptoms, 12-18
 - clustered localized, 761
 - of knee, affecting popliteus tendon and posterolateral compartment, 893
- Pivoting, excessive tibial rotation during high-demand activities is not restored by ACL reconstruction, 1323-1329
- Plication
- arthroscopic capsular plication-shift, 119-121
 - arthroscopic, in vitro comparison of volume reduction vs. open capsular shift for anterior capsulorrhaphy, 659-664
 - extracapsular, to treat multidirectional instability of shoulder, 1278
 - multiple pleated, labral repair and capsular shift of glenohumeral joint, technical pearls for, 766
- Poly-L-lactide (PLLA) interference screws
- biomechanics of, for treatment of acromioclavicular separations, 1443-1446
 - for ACL reconstruction, 804-808
- Popliteal artery, laceration of during PCL reconstruction, 1396
- Popliteal cyst, arthroscopic treatment and visualization of its cavity, 638
- Popliteofibular ligament, in microsurgical dissection of posterolateral corner of knee, 826-833
- Popliteus tendon
- arthroscopic evaluation of, in posterolateral laxity, 721-726
 - pigmented villonodular synovitis of, 893
 - snapping, diagnosis of, 888-892
- Portals
- arthroscopic biceps tenodesis using suture anchors through subclavian portal, 248-252
 - posterior, arthroscopic treatment of popliteal cyst and visualization of its cavity through, 638
 - safe arthroscopic access to central compartment of hip, 1510-1514
 - use of motorized shaver in hip arthroscopy without use of cannula, 895
- Posterior compartment, new technique for revision of, in symptomatic total knee arthroplasty, 506-510
- Posterior cruciate ligament (PCL)
- anatomic characteristics of tibial insertion of, 820-825
 - arthroscopic fixation of avulsion of, from femoral insertion, 1397
 - arthroscopic technique for fixation with anchors for avulsion of, 1146
 - healing of, MRI and stress radiography evaluation of, 1354-1361
 - intra-articular findings in the reconstructed multiligament-injured knee, 424-430
 - multiple-ligament injured knee, evaluation, treatment, and results, 471-486
 - posterolateral bundle sign of normal ACL in PCL-deficient knee, 1267
 - subjective results of nonoperatively treated acute, isolated injuries, 457-461
- Posterior cruciate ligament (PCL) reconstruction
- biomechanics of initial tibial fixation in, 1164-1171
 - double-bundle augmentation using split Achilles allograft, 1436-1442
 - double-loop hamstring tendon autograft vs. Achilles tendon allograft, 965-969
 - graft/tunnel angles in, comparison of two techniques, 711-714
 - isolated single-bundle, clinical outcomes after, 1042-1050
 - popliteal artery laceration during, 1396
 - primary stability of three procedures for, 970-978
 - tibial tunnel directions in, biomechanical comparisons of, 286-293
 - using hamstring tendon graft with remnant augmentation, 1401
 - using tibial-inlay and double-bundle technique, 1271
- Posterior horn, of medial meniscus, arthroscopic visualization of, 1272
- Posterolateral bundle sign, of normal ACL in PCL-deficient knee, 1267
- Posterolateral compartment, pigmented villonodular synovitis of, 893
- Posterolateral corner
- anatomic reconstruction, 1147
 - docking technique for reconstruction of, 238-242
 - of knee, evaluation under microsurgical dissection, 826-833
 - of knee, reconstruction of, 1051-1059
 - reconstruction of using bifid Achilles tendon allograft and double femoral tunnel, 1400
- Posteromedial portal
- new double-bundle ACL reconstruction technique with hamstrings, 1274
 - removal of dislocated femoral interference screw through, 1398

- Postoperative pain
 intra-articular injections after knee arthroscopy, short-term analgesic effects of, 307-312
 intra-articular ropivacaine 0.75% and bupivacaine 0.50% after knee arthroscopy for, 313-316
 intra-articular tramadol compared with morphine after arthroscopic knee surgery, 1060-1065
- Pre-emptive analgesia, intra-articular injections after knee arthroscopy, short-term analgesic effects of, 307-312
- Pretension, differential, of flexor tendon graft for ACL reconstruction, 540-546
- Prognosis, subacromial injection test, value of after arthroscopic subacromial decompression, 680-683
- Pull-out strength
 biceps tenodesis, mechanical strength of four different techniques, 992-998
 biomechanical analysis of two biceps tenodesis techniques, 861-866
 of knotless suture anchors, 81-85
- Pulmonary embolism, after knee arthroscopy in athletes with thrombophilic factor lupus anticoagulant, 103-107
- Quadriceps tendon
 ACL reconstruction using bioabsorbable cross-pin fixation and, 894
 use in reconstruction of medial patellofemoral ligament, 365-370
- Quality of life, health-related, allograft *vs.* autograft for ACL reconstruction, analysis of outcomes, 774-785
- Radial head fractures, nondisplaced, arthrofibrosis resulting from, arthroscopic debridement of, 1492-1495
- Radiofrequency energy
 bipolar, comparison of instruments for cutting meniscal tissue, 844-850
 effect of simulated shoulder thermal capsulorrhaphy on glenohumeral fluid temperature, 592-596
 effects of electrothermal shrinkage on biomechanical properties of ACL, 448-456
 effects on mechanical properties of tendon and capsule, 1479-1485
 impact of radiofrequency shrinkage on elongated ACL, 923-933
 thermal shrinkage of ACL pathology with, 1027-1033
- Radiographic outcomes, of arthroscopic partial meniscectomy, factors predicting, 211-223
- Radiologic diagnosis, *vs.* arthroscopic, of acute ankle fractures and distal tibiofibular syndesmosis disruption in, 1370-1374
- Recurrence, bony lesion, after mosaicplasty in osteochondritis dissecans of the talus, 630
- Reduction, arthroscopic, and internal fixation (ARIF), of tibial intercondylar eminence fractures, 86-92
- Regeneration, of tendons, medial hamstring tendon regeneration following harvest for ACL reconstruction, 1257-1264
- Remnant augmentation, PCL reconstruction using hamstring grafts with, 1401
- Retinacular release, lateral, long-term results of, 526-531
- Retrograde fixation, thread design and bioabsorbable interference screw insertion torque during, for ACL reconstruction, 815-819
- Revision ACL reconstruction
 3- to 9-year follow-up, 418-423
 management of bony deficiency in, 767
 peashooter device for bone grafting during, 1010
 using over-the-top femoral route, 243-247
- Rheumatoid arthritis, intraoperative efficacy of arthroscopic knee joint synovectomy in, 1209-1218
- Rods, Bailey-Dubow telescopic, arthroscopic-assisted revision of, in osteogenesis imperfecta, 93-97
- Ropivacaine, intra-articular 0.75%, after knee arthroscopy, 313-316, 1411-1413 (Letters)
- Rotation, tibial, excessive, during high-demand activities, is not restored by ACL reconstruction, 1323-1329
- Rotator cuff disease, proinflammatory cytokines and metalloproteases in subacromial bursa in patients with, 1076-1080
- Rotator cuff repair, arthroscopic
 bioabsorbable sutureless screw anchor *vs.* suture anchor fixation for, 43-47
 debridement without decompression for tendinosis, 1081-1089
 comparison of arthroscopic and open, 1090-1098
 cyclic loading of, bioabsorbable tacks *vs.* transosseous sutures, 875-880
 disintegration of absorbable anchor 6 weeks after implantation, 495-497, 900-902 (Letters)
ex vivo analysis of suture anchor repair techniques, 1236-1241
 functional and structural outcome after full-thickness, 1307-1316
 in patients older than 60 years, 48-54
 insertion of tacks or anchors *vs.* open transosseous repairs, 323-327
 learning curve for arthroscopic, 394-400
 of full-thickness tears using bioabsorbable tacks, 1421-1227
 open *versus* arthroscopic, comparative view of 96 cases, 597-604
 Panacryl synovitis in, 200-203
 salvage, using biotenodesis screw, 122-124
 side-to-side, 881-887
 use of preoperative MRI to predict tear pattern and repair method, 1428-1435
vs. mini-open, cohort comparison study of, 328-332
vs. mini-open repair, comparison of clinical outcomes, 1415-1420
- Rotator cuff tears
 associated with large bone cysts of proximal humerus, arthroscopic repair of, 1149
 matrix molecule mRNA levels in bursa and rotator cuff of patients with, 645-651
 new clinical diagnostic sign for subscapularis lesions, 1229-1235
- Rotator interval
 closure after arthroscopic capsulolabral repair, 765
 simple arthroscopic capsule closure, alternative technique for, 1276
- Running, acetabular labral tears with underlying chondromalacia in runners, 580-585
- Rupture
 incidence and risk factors for graft rupture and contralateral rupture ACL reconstruction, 948-957
 simultaneous acute, of patellar tendon and ACL, 1143
- Saline jet instruments, comparison of instruments for cutting meniscal tissue, 844-850

- Saphenous nerve
injury to infrapatellar branch of, in ACL reconstruction, 281-285
sartorial branch of, anatomy at joint line of knee, 547-551
- Scaphoid, acute displaced fractures of, arthroscopic reduction and percutaneous fixation of, 620-626
- Scar pattern, variation in, after anterior cruciate ligament (ACL) rupture, 19-24
- Screws
bioabsorbable *vs.* metal, for soft-tissue interference fixation in ACL reconstruction, 911-916
bioabsorbable *vs.* titanium, in ACL reconstruction, 147-151
bioabsorbable, thread design and insertion torque during retrograde fixation, 815-819
central *vs.* peripheral tibial screw placement in hamstring ACL reconstruction, 703-706
development of perforated biodegradable interference, 258-265
poly-D,L-lactide, for ACL reconstruction, 804-808
primary stability of hamstring graft fixation with biodegradable suspension *vs.* interference, 266-274
tibial eminence fractures, suture *vs.* screw fixation of displaced, 1172-1176
- Semitendinosus/gracilis grafts
ACL reconstruction with
comparison of bone-patellar tendon-bone grafts with, 34-42
posterior mini-incision technique for graft harvest for, 130-137
stability results at 2- to 8-year follow-up, 138-146
effects of harvest in ACL reconstruction, 1177-1185
is sacrifice of the gracilis necessary, 275-280
vs. patellar tendon graft for ACL reconstruction, clinical evaluation of, 412-417
- Septic arthritis, of knee, arthroscopic debridement of acute periprosthetic
- Shared decision making, physician and patient predictions and ratings of knee surgery outcomes, 562-569
- Shaver
comparison of instruments for cutting meniscal tissue, 844-850
motorized, use in hip arthroscopy without use of cannula, 895
- Shoulder arthroscopy
acromioclavicular separation
biomechanics of Bosworth and poly-L-lactic acid bioabsorbable screws for, 1443-1446
adhesive capsulitis, effects of extent of capsular release and postoperative therapy on, 1105-1113
anterior capsulorrhaphy
in vitro comparison of volume reduction with arthroscopic plication *vs.* open capsular shift, 659-664
anterior instability, percutaneous correction of humeral head defects associated with, 1473-1478
anterior intra-articular injection of glenohumeral joint, 77-80
anterior labrum lesions, biomechanical evaluation of suture anchors for stabilization of, 611-619
arthroscopic active compression test, 634
attachment types of long head of biceps tendon to glenoid labrum and relationship to glenohumeral ligaments, 1242-1249
- Bankart repair
effect of arm position on immediate postoperative evaluation with MR arthrography, 867-874
labral shape after, anchor *vs.* Caspari method, 194-199
new secure suture relay technique for, 113-118
pullout strength of knotless suture anchors, 81-85
vs. open repair, patient subjective outcome and cost comparison, 1219-1222
- biceps tenodesis
biomechanical evaluation of four fixation techniques for proximal, 1296-1306
mechanical strength of four different techniques, 992-998
using interference screw: end tunnel technique, 1405
- biceps tenodesis, biomechanics of two fixation techniques for, 861-866
- capsular plication-shift technique, 119-121
- capsular release after hemiarthroplasty of shoulder for fracture, 1150
- chronic painful shoulder, nonsurgical interventions, 333-347
- coracoclavicular ligament reconstruction using semitendinosus graft after failed acromioclavicular separation surgery, 1277
- effect of simulated shoulder thermal capsulorrhaphy on glenohumeral fluid temperature, 592-596
- effective dressing for patients undergoing, 253-255
- facioscapulohumeral muscular dystrophy presenting as shoulder pain in a baseball player, 1145
- first traumatic anterior dislocation, immediate arthroscopic stabilization *vs.* immobilization and rehabilitation for, 55-63
- forced shoulder abduction and elbow flexion test to detect superior labral injury, 1290-1295
- glenohumeral cartilage lesions, nonarthroplasty treatment of, 1131-1142
- glenohumeral instability, osteochondral allograft transplantation for, 1007
- glenoid fractures, arthroscopic repair using suture anchors, 635
- humeral avulsion of the glenohumeral ligaments (HAGL lesion)
all-arthroscopic repair of, 632
mini-open repair of, 1152
reconciling arthroscopic and anatomic morphology of humeral insertion of, 979-984
repair of, 498-502
- immediate postoperative fluid retention and weight gain after, 605-610
- in fetuses, 1114-1119
- instability
axillary nerve monitoring during arthroscopic stabilization, 665-671
knotless suture anchors in treatment of anterior, 1283-1289
intraoperative arthroscopic suture anchor reloading, 898
isolated avulsion fracture of lesser tuberosity, arthroscopic reconstruction of, 487-494
- knot tying, role of instrumentation in achieving knot security, 69-76
- labral repair and capsular shift of glenohumeral joint, technical pearls for, 766
- long head biceps tenotomy *vs.* tenodesis, 182-185
- multidirectional instability, extracapsular plication to treat, 1278
- Mumford procedure, assessment of clavicular translation after, 64-68
- neurapraxia of cutaneous nerve of cervical plexus after, 631
- new sliding self-locking triad knot, 899
- Panacryl synovitis, 200-203

- radiofrequency energy effects on mechanical properties of tendon and capsule, 1479-1485
- rotator cuff disease
 proinflammatory cytokines and metalloproteases in subacromial bursa in patients with, 1076-1080
- rotator cuff repair, arthroscopic
 bioabsorbable sutureless screw anchor vs. suture anchor fixation for, 43-47
 debridement without decompression for tendinosis, 1081-1089
 comparison of arthroscopic and open, 1090-1098
 cyclic loading of, bioabsorbable tacks vs. transosseous sutures, 875-880
 disintegration of absorbable anchor 6 weeks after implantation, 495-497, 900-902 (Letters)
 ex vivo analysis of suture anchor repair techniques, 1236-1241
 functional and structural outcome after full-thickness, 1307-1316
 in patients older than 60 years, 48-54
 insertion of tacks or anchors vs. open transosseous repairs, 323-327
 learning curve for arthroscopic, 394-400
 of full-thickness tears using bioabsorbable tacks, 1421-1227
 open *versus* arthroscopic, comparative view of 96 cases, 597-604
- Panacryl synovitis in, 200-203
- salvage, using biotenodesis screw, 122-124
- side-to-side, 881-887
- use of preoperative MRI to predict tear pattern and repair method, 1428-1435
- vs. mini-open, cohort comparison study of, 328-332
- vs. mini-open repair, comparison of clinical outcomes, 1415-1420
- rotator cuff tears
 associated with large bone cysts of proximal humerus, arthroscopic repair of, 1149
 matrix molecule mRNA levels in bursa and rotator cuff of patients with, 645-651
- rotator interval closure after arthroscopic capsulolabral repair, 765
- shoulder jerk test for glenohumeral instability under anesthesia, 672-679
- SLAP lesions, unstable isolated, clinical presentation and outcome of arthroscopic fixation, 1099-1104
- subacromial decompression
 performed under local anesthesia, 1404
 prognostic value of subacromial injection test, 680-683
- subpectoral biceps tenodesis with interference screw fixation, 896
- subscapularis lesions, belly-off sign as new clinical diagnostic sign, 1229-1235
- subscapularis tears, relation between narrowed coracohumeral distance and, 1223-1228
- subscapularis tendon, complete visualization and axillary nerve identification technique, 1016
- suprascapular nerve block for, 1015
- supraspinatus tears, partial-thickness articular surface, new transtendon suture technique for, 376-381
- suture assistant device for, 1152
- synovial chondromatosis of glenohumeral joint, arthroscopic technique for, 633
- thermal capsulorrhaphy
 for unstable paralytic shoulder, 636
 treatment of glenohumeral subluxation using, 985-991
- transfer of long head biceps tendon to conjoint tendon, 764
- traumatic anterior instability, arthroscopic vs. open repair for, 652-658
- triple labral lesions, 186-193
- Shoulder jerk test, under anesthesia for glenohumeral instability, 672-679
- Shrinkage
 electrothermal, effects on biomechanical properties of ACL, 448-456
 impact of radiofrequency shrinkage on elongated ACL, 923-933
 radiofrequency, of ACL pathology, 1027-1033
- Side-to-side suture repair, arthroscopic rotator cuff repair with, 881-887
- SLAP lesions, unstable isolated, clinical presentation and outcome of arthroscopic fixation, 1099-1104
- Sliding knots, arthroscopic
 additional half-hitches needed in, 405-411
 new HU knot, 1014
- Snapping hip
 internal snapping hip syndrome, endoscopic release of iliopsoas tendon for, 1375-1380
 intra-articular type, arthroscopic surgery to treat, 1120-1125
- Snapping tendon, popliteus, arthroscopic diagnosis of, 888-892
- Soft-tissue fixation, biceps tenodesis, mechanical strength of four different techniques, 992-998
- Soft-tissue shrinkage, impact of radiofrequency shrinkage on elongated ACL, 923-933
- Somatosensory evoked potentials, neurosensory function of medial meniscus, 1468-1472
- Split Achilles allograft, double-bundle augmentation of posterior cruciate ligament using, 1436-1442
- Split-line orientation, of talar dome articular cartilage, 570-573
- Sports medicine. *See also* Athletes
 preferred management of contaminated ACL grafts, survey of specialists, 1348-1353
- Sprains
 arthroscopic thermal shrinkage for chronic lateral ankle instability in young athletes, 751-757
 of ulnar collateral ligament of the elbow, 1381-1395
- Square knot, biomechanics of sliding vs. sliding-locking arthroscopic knots, 204-210
- Stability
 meta-analysis of, after ACL reconstruction with hamstring vs. patellar tendon graft, 1202-1208
 results of hamstring ACL reconstruction at 2- to 8-year follow-up, 138-146
- Stabilization, arthroscopic, immediate, for first traumatic anterior dislocations of shoulder, 55-63
- Stapling, meniscal repair using Polysorb meniscal stapler XLS, 1148
- Steroids, for chronic painful shoulder, 333-347
- Stiff shoulder, adhesive capsulitis, effects of extent of capsular release and postoperative therapy on, 1105-1113
- Stress radiography, in evaluation of posterior cruciate ligament healing, 1354-1361
- Subacromial bursa, proinflammatory cytokines and metalloproteases in, in patients with rotator cuff disease, 1076-1080

- Subacromial decompression
arthroscopic, performed under local anesthesia, 1404
prognostic value of subacromial injection test, 680-683
- Subacromial injection test, prognostic value of after arthroscopic subacromial decompression, 680-683
- Subacromial space, technique for complete visualization of subscapularis tendon and axillary nerve identification, 1016
- Subluxation, minimally invasive "crescentic" imbrication of medial patellofemoral ligament for chronic patellar, 371-375
- Subscapularis lesions, belly-off sign as new clinical diagnostic sign, 1229-1235
- Subscapularis tears, relation between narrowed coracohumeral distance and, 1223-1228
- Subscapularis tendon
adhesive capsulitis, effects of extent of capsular release and postoperative therapy on, 1105-1113
complete visualization and axillary nerve identification technique, 1016
- Superior labral injury, forced shoulder abduction and elbow flexion test, to detect in throwing shoulder, 1290-1295
- Superior labrum anterior posterior. *See* SLAP lesions.
- Suprascapular nerve blocks, for shoulder arthroscopy, 1015
- Supraspinatus tears, partial-thickness articular surface, new transtendon suture technique for, 376-381
- Suture anchors
arthroscopic biceps tenodesis using, through subclavian portal, 248-252
arthroscopic patellar "Bankart" repair after acute dislocation, 627
arthroscopic repair of glenoid fractures using, 635
biceps tenodesis, mechanical strength of four different techniques, 992-998
biomechanical analysis of two biceps tenodesis techniques, 861-866
disintegration of absorbable rotator cuff anchor 6 weeks after implantation, 495-497, 900-902 (Letters)
ex vivo analysis of rotator cuff repair techniques with, 1236-1241
for stabilization of anterior labrum lesions, biomechanical evaluation of, 611-619
intraoperative reloading, 898
isolated avulsion fracture of lesser tuberosity, arthroscopic reconstruction using, 487-494
knotless, in treatment of anterior shoulder instability, 1283-1289
new secure suture relay technique for arthroscopic Bankart repair, 113-118
new sliding self-locking triad knot, 899
pullout strength of knotless, 81-85
suture strength and angle of load application in eyelet of, 1447-1451
- Suture assistant, simple device in shoulder arthroscopy, 1152
- Suture material, Panacryl synovitis, 200-203
- Suture relay, new secure technique for arthroscopic Bankart repair, 113-118
- Sutures
new meniscal repair with all-inside knot suture technique, 768
tibial eminence fractures, suture *vs.* screw fixation of displaced, 1172-1176
transosseous, in rotator cuff repair, cyclic loading of, *vs.* bioabsorbable tacks, 875-880
- Synovectomy
for anterolateral soft tissue impingement of ankle, outcomes after, 317-322
intraoperative efficacy of arthroscopic knee joint synovectomy in rheumatoid arthritis, 1209-1218
- Synovial chondromatosis, of glenohumeral joint, arthroscopic technique for, 633
- Synovial hypertrophy, localized, in anteromedial compartment of osteoarthritic knee, 1457-1461
- Synovial joint, traumatic articular-bursal fistula in collegiate football player, 1266
- Synovial recess, lateral, of knee, calcified loose bodies trapped in, 1144
- Synovitis. *See also* Pigmented villonodular synovitis.
due to Panacryl, 200-203
- Tacks, bioabsorbable
arthroscopically inserted tacks or anchors *vs.* open transosseous rotator cuff repairs, 323-327
in rotator cuff repair, cyclic loading of, *vs.* transosseous sutures, 875-880
rotator cuff repair of full-thickness tears using, 1421-1227
- Talar dome, split-line orientation of articular cartilage, 570-573
- Talus
bone-cartilage transplantation from ipsilateral knee for chondral lesions of, 159-166
cartilage thickness of talar dome, 404-404
osteoarthritis dissecans of, bony lesion recurrence after mosaicplasty of, 630
- Telescopic rods, arthroscopic-assisted revision of, in osteogenesis imperfecta, 93-97
- Temperature
of glenohumeral fluid, effect of simulated shoulder thermal capsulorrhaphy on, 592-596
intra-articular, of knee, effect of arthroscopy and continuous cryotherapy on, 552-556
- Tendinosis
arthroscopic rotator cuff debridement without decompression for, 1081-1089
microtenotomy using radiofrequency probe to treat lateral epicondylitis, 851-860
- Tendons
effect of hyaluronan on healing, 1330-1336
patellar *vs.* hamstring autograft for ACL reconstruction, meta-analysis of, 791-803
popliteus, arthroscopic evaluation of, in posterolateral laxity, 721-726
radiofrequency energy effects on mechanical properties of capsule and, 1479-1485
subscapularis, complete visualization and axillary nerve identification technique, 1016
- Tennis elbow. *See* Lateral epicondylitis.
- Tenodesis, biceps. *See* Biceps tenodesis.
- Tenotomy, long head biceps tenodesis *vs.*, 182-185
- Tensile stress, primary stability of hamstring graft fixation with biodegradable suspension *vs.* interference screws, 266-274
- Thermal capsulorrhaphy
arthroscopic, for unstable paralytic shoulder, 636

- axillary nerve monitoring during arthroscopic shoulder stabilization with, 665-671
- simulated shoulder, effect on glenohumeral fluid temperature, 592-596
- treatment of glenohumeral subluxation using, 985-991
- Thermal modification, of partial tears of anterior cruciate ligament (ACL), 809-814
- Thermal shrinkage
for chronic lateral ankle instability in young athletes, 751-757
- radiofrequency, of ACL pathology, 1027-1033
- Thrombophilic factor lupus anticoagulant, deep venous thrombosis and pulmonary embolism after knee arthroscopy in athletes with, 103-107
- Thrombosis, deep venous
after knee arthroscopy
in athletes with thrombophilic factor lupus anticoagulant, 103-107
- meta-analysis of, 727-730
- Throwing injuries
cubital tunnel syndrome in adolescent baseball players, 758
- forced shoulder abduction and elbow flexion test to detect superior labral injury, 1290-1295
- to ulnar collateral ligament of the elbow, 1381-1395
- Tibial eminence fractures, suture vs. screw fixation of displaced, 1172-1176
- Tibial inlay, posterior cruciate ligament reconstruction using double-bundle technique and, 1271
- Tibial plateau,
fractures of, intercondylar eminence avulsion fractures, arthroscopic treatment of, 86-92
- juxta-articular osteoid osteoma of, CT-guided and arthroscopically controlled en bloc retrograde resection of, 351-359
- Tibial rotation, excessive, during high-demand activities, is not restored by ACL reconstruction, 1323-1329
- Tibial spine, nonunited avulsion fracture of, 17-year follow-up of reattachment of, 760
- Tibial subluxation, anterior, in ACL-deficient knees, MRI quantification of, 1193-1196
- Tibial tunnel, directions of, in PCL reconstruction, biomechanical comparisons of, 286-293
- Tibialis anterior tendon, single femoral socket double-bundle ACL reconstruction using, 1273
- Tissue engineering
chondral plug, repair of osteochondral defect with, 1155-1163
- collagen meniscus implants, 5- to 6-year feasibility study results, 515-525
- Total knee arthroplasty
arthroscopic debridement of acute periprosthetic septic arthritis of knee, 303-306
- effectiveness of knee arthroscopy after, 731-738
- new technique for revision of posterior compartment in symptomatic, 506-510
- Total knee replacement
35 years of follow-up of ACL-deficient knees in high-level athletes, 696-702
- Tramadol, intra-articular, compared with morphine after arthroscopic knee surgery, 1060-1065
- Trans-septal portal, Achilles tendon allograft vs. double-loop hamstring autograft for PCL reconstruction, 965-969
- Transfer, arthroscopic, of long head biceps tendon to conjoint tendon, 764
- Transforming growth factor- β 1, effect on intrasosseous healing of flexor tendon autograft replacement of ACL, 1034-1041
- Transosseous sutures, in rotator cuff repair, cyclic loading of, vs. bioabsorbable tacks, 875-880
- Transplantation, bone-cartilage, from ipsilateral knee for chondral lesions of talus, 159-166
- Trauma
anterior shoulder dislocation
immediate arthroscopic stabilization vs. immobilization and rehabilitation for first, 55-63
- articular-bursal fistula in collegiate football player, 1266
- recurrent anterior shoulder instability, arthroscopic vs. open repair for, 652-658
- rupture of coracoacromial ligament, 763
- Triad knot, new sliding self-locking knot, 899
- Triangular fibrocartilage complex
arthroscopic suture repairs of tears of, using volar portal, 1406
- peripheral tears of, factors affecting arthroscopically assisted repair, 1126-1130
- Tumor necrosis factor- α , inflammatory cytokine profiles associated with chondral damage in ACL-deficient knee, 1342-1347
- Tunnel widening, after hamstring ACL reconstruction with, effect of type of graft fixation on, 1337-1341
- Ulnar collateral ligament, of the elbow, 1381-1395
- Ulnar nerve, endoscopic release at elbow using Agee device, 691-695
- Vascularity, of the hip labrum, 3-11
- Venous thrombosis, after knee arthroscopy, meta-analysis of, 727-730
- Video illustrations, articles with
arthroscopic active compression test, 634
- hip arthroscopy after previous acetabular osteotomy for developmental dysplasia, 176-181
- knot tying, role of instrumentation in achieving arthroscopic knot security, 69-76
- posterior mini-incision technique for hamstring ACL reconstruction graft harvest, 130-137
- Video informed consent, improves knee arthroscopy patient comprehension, 739-743
- Visualization aid, suture assistant device in shoulder arthroscopy, 1152
- Volar portal, arthroscopic suture repair of tears of triangular fibrocartilage complex using, 1406
- Weight gain, immediate postoperative fluid retention and, after shoulder arthroscopy, 605-610
- Weston knot, biomechanics of sliding vs. sliding-locking arthroscopic knots, 204-210
- Wrist arthroscopy
acute displaced scaphoid fractures, arthroscopic reduction and percutaneous fixation of, 620-626
- dorsal perilunate dislocations and fracture-dislocations, 1153
- dorsal radiocarpal ligament, arthroscopic repair of, 1486-1491
- peripheral triangular fibrocartilage complex tears, factors affecting arthroscopically assisted repair, 1126-1130
- suture repair of peripheral tears of triangular fibrocartilage complex using volar portal, 1406