**New Application: Adult Reconstructive Orthopaedic Surgery**

**Review Committee for Orthopaedic Surgery**

**ACGME**

The questions that follow provide programs with an opportunity to systematically describe the manner in which they comply with accreditation requirements. Responses should be **concise and focused**. During the site visit, fellows, faculty members, and others will be asked for comment on the information provided. **As such, those who will be interviewed should read the application prior to their meeting with the Accreditation Field Representative.**

**Oversight**

Check all areas that will be included in the educational program in adult reconstructive orthopaedic surgery. [Int.B.]

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| [ ]  Hip | [ ]  Knee | [ ]  Shoulder | [ ]  Elbow | [ ]  Upper Limb |

**Participating Sites**

1. Will orthopaedic residents and adult reconstructive fellows be educated at the same participating site(s)? [PR I.B.1.a)-I.B.1.a).(1)]  [ ]  YES [ ]  NO

**Resources**

1. Describe the facilities that will be available to support fellow education. [PR I.D.1.a)-b)]

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| Outpatient | Click here to enter text. |
| Inpatient | Click here to enter text. |
| Imaging | Click here to enter text. |
| Laboratory | Click here to enter text. |
| Rehabilitation | Click here to enter text. |
| Research | Click here to enter text. |
| Operating Rooms | Click here to enter text. |

1. Describe the planned contribution of other clinical specialties, including radiology, laboratory medicine, rheumatology, infectious disease, pathology, and rehabilitation, to fellow education. Include reference to personnel, facilities, administrative services, and financial support. [PR I.D.1.c)]

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**Other Learners and Other Care Providers**

1. Enter the number of any type of residents and/or fellows assigned to each participating site *for any type of orthopaedic surgery education and training* each year. Site numbers must correspond to information provided in the ACGME’s Accreditation Data System (ADS). Add rows as necessary. [PR I.E.1.]

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| **Type of Orthopaedic Education/****Training** | **Site #1** | **Site #2** | **Site #3** | **Site #4** |
| **Total/ Year** | **Present at Any One Time** | **Total/ Year** | **Present at Any One Time** | **Total/ Year** | **Present at Any One Time** | **Total/ Year** | **Present at Any One Time** |
| Clinical |  |  |  |  |  |  |  |  |
| Research |  |  |  |  |  |  |  |  |
| Other (specify) |  |  |  |  |  |  |  |  |

1. Provide the following information regarding *orthopaedic surgery* residents who are assigned to each participating site *for education and training in adult reconstructive orthopaedic surgery* each year. Add rows as necessary. Use the same site numbers as the previous table.

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| **Name of Program** | **Site #1** | **Site #2** | **Site #3** | **Site #4** |
| **Total/ Year** | **Present at Any One Time** | **Total/ Year** | **Present at Any One Time** | **Total/ Year** | **Present at Any One Time** | **Total/ Year** | **Present at Any One Time** |
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**Personnel**

**Responsibilities of the Program Director**

1. How will the program director select, supervise, and evaluate the members of the teaching staff and other program personnel at each participating site used by the program? How will the program director monitor fellow supervision and education at each site? [CPR II.A.4.]

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1. Does the program require fellows to sign a non-competition guarantee or restrictive covenant? [CPR II.A.4.a).(9).(a)] [ ]  YES [ ]  NO

Explain if “YES”.

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**Program Coordinator and Other Program Personnel**

1. How will administrative support for program coordination and the availability of necessary personnel for the effective administration of the program be ensured? [CPR II.C.1.; II.D.]

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**educational program**

**ACGME Competencies**

**Patient Care and Procedural Skills**

1. Describe how the program will ensure fellows develop competence in each of the following areas.
	1. Appropriate use of diagnostic laboratory tests [PR IV.B.1.b).(1).(a).(i)]

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* 1. Interpreting the imaging examination of the musculoskeletal system [PR IV.B.1.b).(1).(a).(ii)]

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* 1. Developing treatment plans to manage patients with traumatic, congenital and developmental, infectious, metabolic, degenerative, and rheumatologic disorders [PR IV.B.1.b).(1).(a).(iii)]

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* 1. Recognizing and managing complications of treatment [PR IV.B.1.b).(1).(a).(iv)]

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* 1. Assessing the effectiveness of treatment methods, including outcome studies [PR IV.B.1.b).(1).(a).(v)]

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* 1. Performing reconstructive orthopaedic surgery operative procedures [PR IV.B.1.b).(2).(b)-IV.B.1.b).(2).(b).(ii).(h)]

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**Medical Knowledge**

1. Describe how the program will ensure that fellows develop competence in their knowledge of each of the following areas.
2. The indications, risks, and limitations of the commonly performed procedures in adult reconstructive orthopaedic surgery [PR IV.B.1.c).(1).(a)]

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1. The basic sciences related to adult reconstructive orthopaedic surgery [PR IV.B.1.c).(1).(b)]

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1. The natural history of joint diseases [PR IV.B.1.c).(1).(c)]

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1. Major disorders and conditions [PR IV.B.1.c).(1).(d)-IV.B.1.c).(1).(d).(ii).(c)]

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1. Application of research methods, including the ability to critically analyze research reports and design and implement clinical or basic research in the field of adult reconstructive orthopaedic surgery [PR IV.B.1.c).(2)]

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**Curriculum Organization and Fellow Experiences**

1. Describe how the program will be structured to ensure fellows continue to provide care for their own post-operative patients until discharge or until the patients/post-operative conditions are stable and the episode of care is concluded. [PR IV.C.1.a)]

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1. Describe the curriculum for instruction and experience in multimodal pain treatment, including non-narcotic pain medications and alternative pain reducing modalities. [PR IV.C.2.a)]

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1. Describe the didactic curriculum in the areas of anatomy, physiology, biomechanics, pathology, microbiology, pharmacology, epidemiology, and immunology as they relate to adult reconstructive orthopaedic surgery. [PR IV.C.4]

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1. Describe the program conference schedule, including the planned level of faculty member and fellow participation. Describe related educational activities, including the frequency of teaching and morbidity and mortality conferences, and journal club related to adult reconstructive orthopaedic surgery. [PR IV.C.4.a)-IV.C.4.a).(3)]

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1. How will the program ensure that fellows observe and manage patients with a variety of problems involving orthopaedic reconstruction in both inpatient and outpatient settings? How will the program ensure that the breadth of clinical experience includes the evaluation and care of individuals representing a wide range of ages and genders, and who have acute, subacute, and chronic conditions? [PR IV.C.5.a)-b)]

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1. Describe how the program will ensure that fellows’ clinical experiences include a major role in the continuing care of patients, and that they include progressive responsibility for patient assessment, decisions regarding treatment, pre-operative evaluation, operative experience, non-operative management, post-operative management and rehabilitation. [PR IV.C.5.c).(1)]

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1. Describe opportunities for fellows to provide consultation with faculty member supervision. In addition, describe fellow teaching responsibilities for fellows, allied health personnel, and residents and medical students, if present. [PR IV.C.5.c).(2)-(3)]

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1. Describe how the program director will ensure the timely, accurate, and complete collection in the ACGME Resident Case Log System of operative procedures performed by the hand surgery fellow. [PR IV.C.6]

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1. Describe how fellows will be evaluated within six weeks of entry into the program for expected entry-level skills, as well as the provision of additional education and training in a timely manner if needed. [PR IV.C.7.]

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**Scholarship**

**Program Responsibilities**

1. Describe the facilities and resources (including space, equipment, support personnel, funding) that will be utilized to support fellow research. [PR IV.D.1.b)]

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1. Describe how fellows will be provided with protected time free of clinical responsibilities for fellow research activities. [PR IV.D.1.b)]

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**Fellow Scholarly Activity**

1. Describe how the program will ensure that fellows participate in basic and/or clinical hypothesis-based research. [PR IV.D.3.a).]

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**The Working and Learning Environment**

**Supervision and Accountability**

1. Describe the planned responsibilities of fellows for inpatients, emergency rooms, outpatient clinics, operating rooms, and private offices. How will supervision be provided in each area?
[CPR VI.A.2.b).(1)]

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1. Describe how the assignment of progressive authority and responsibility, conditional independence, and a supervisory role in patient care will be determined for each fellow. Include the specific criteria used by the program director to evaluate fellows’ abilities, the timing of such evaluation(s), and how the program director ensures that each faculty member and fellow functioning as a supervising physician uses this information to delegate portions of care to fellows and residents based on the needs of the patient and the skills of each fellow. [CPR VI.A.2.d)-VI.A.2.d).(3)]

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1. Describe the guidelines for circumstances and events in which fellows must communicate with the supervising faculty member(s). [CPR VI.A.2.e)]

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**Clinical Experience and Education**

How many months of night float will fellows be assigned in each year of the program?
[PR VI.F.6.a)] [ # ]

**Institutional Operative Data**

Report the number of procedures performed at each participating site during the most recently completed 12-month academic year. Site numbers must correspond to information provided in the ACGME’s Accreditation Data System (ADS). [PR I.D.1.d)]

| **Procedures** | **Site #1** | **Site #2** | **Site #3** | **Site #4** | **Site #5** | **Total** |
| --- | --- | --- | --- | --- | --- | --- |
| **Shoulder** |
| Glenohumeral joint trauma |  |  |  |  |  |  |
| Glenohumeral joint reconstruction: repair for instability |  |  |  |  |  |  |
| Glenohumeral joint reconstruction: prosthesis surgery |  |  |  |  |  |  |
| Glenohumeral joint reconstruction: other |  |  |  |  |  |  |
| Tendon surgery |  |  |  |  |  |  |
| Acromioclavicular joint, clavicle, and sternoclavicular joint |  |  |  |  |  |  |
| Humerus, clavicle, and scapula reconstruction (not involving glenohumeral joint) |  |  |  |  |  |  |
| Oncology |  |  |  |  |  |  |
| Infection |  |  |  |  |  |  |
| Arthroscopy |  |  |  |  |  |  |
| Other shoulder procedures |  |  |  |  |  |  |
| **Total Shoulder Procedures** |  |  |  |  |  |  |
| **Elbow** |
| Elbow joint trauma |  |  |  |  |  |  |
| Elbow joint reconstruction |  |  |  |  |  |  |
| Tendon and bursa |  |  |  |  |  |  |
| Humerus, radius, ulna trauma (not involving elbow joint) |  |  |  |  |  |  |
| Humerus, radius, ulna reconstruction (not involving elbow joint) |  |  |  |  |  |  |
| Skin |  |  |  |  |  |  |
| Humerus, clavicle, and scapula reconstruction (not involving glenohumeral joint) |  |  |  |  |  |  |
| Oncology |  |  |  |  |  |  |
| Infection |  |  |  |  |  |  |
| Arthroscopy |  |  |  |  |  |  |
| Other elbow procedures |  |  |  |  |  |  |
| **Total Elbow Procedures** |  |  |  |  |  |  |
| **Pelvis/Hip** |
| Incision |  |  |  |  |  |  |
| Excision |  |  |  |  |  |  |
| Intro or removal |  |  |  |  |  |  |
| Repair/revision/reconstruction |  |  |  |  |  |  |
| Trauma |  |  |  |  |  |  |
| * Fracture and/or dislocation
 |  |  |  |  |  |  |
| * Manipulation
 |  |  |  |  |  |  |
| Arthrodesis |  |  |  |  |  |  |
| Amputation |  |  |  |  |  |  |
| Arthroscopy |  |  |  |  |  |  |
| Other procedures |  |  |  |  |  |  |
| **Total Pelvis/Hip Procedures** |  |  |  |  |  |  |
| **Femur/Knee** |
| Incision |  |  |  |  |  |  |
| Excision |  |  |  |  |  |  |
| Intro or removal |  |  |  |  |  |  |
| Repair/revision/reconstruction |  |  |  |  |  |  |
| Trauma |  |  |  |  |  |  |
| * Fracture and/or dislocation
 |  |  |  |  |  |  |
| * Manipulation
 |  |  |  |  |  |  |
| Arthrodesis |  |  |  |  |  |  |
| Amputation |  |  |  |  |  |  |
| Arthroscopy |  |  |  |  |  |  |
| Other procedures |  |  |  |  |  |  |
| **Total Femur/Knee Procedures** |  |  |  |  |  |  |
| **Outpatient** |
| Foot and ankle outpatient |  |  |  |  |  |  |
| Hip outpatient |  |  |  |  |  |  |
| Knee outpatient |  |  |  |  |  |  |
| Shoulder outpatient |  |  |  |  |  |  |
| Elbow outpatient |  |  |  |  |  |  |
| Other outpatient |  |  |  |  |  |  |
| **Total Outpatient** |  |  |  |  |  |  |

**Defined Case Category Procedures**

Report the number of defined case category procedures performed at each participating site during the most recently completed 12-month academic year. Site numbers must correspond to information provided in ADS.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Procedures** | CPT Code | Site #1 | Site #2 | Site #3 | Site #4 | Site #5 | Total |
| **Primary Total Knee Arthroplasty** |
| Arthroplasty, knee, hinge prosthesis | 27445  |  |  |  |  |  |  |
| TKA arthroplasty, knee, condyle and plateau; medial or lateral compartment | 27446  |  |  |  |  |  |  |
| TKA rthroplasty, knee, condyle and plateau; medial and lateral compartments with or without patella resurfacing (total knee arthroplasty) | 27447  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **Revision Total Knee ARthroplasty** |
| Revision of total knee arthroplasty, with or without allograft; one component | 27486  |  |  |  |  |  |  |
| TKA Revision of total knee arthroplasty, with or without allograft; femoral and entire tibial component | 27487  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **Uni Knee Arthroplasty** |
| Arthroplasty, patella; without prosthesis | 27437  |  |  |  |  |  |  |
| Arthroplasty, patella; with prosthesis | 27438  |  |  |  |  |  |  |
| Arthroplasty, knee, tibial plateau | 27440  |  |  |  |  |  |  |
| Arthroplasty, knee, tibial plateau; with debridement and partial synovectomy | 27441  |  |  |  |  |  |  |
| Arthroplasty, femoral condyles, or tibial plateau(s), knee | 27442  |  |  |  |  |  |  |
| Arthroplasty, femoral condyles, or tibial plateau(s), knee; with debridement and partial synovectomy | 27443  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **Removal prosthesis for infection (hip or knee)** |
| Arthrotomy, hip, with drainage (e.g., infection) | 27030  |  |  |  |  |  |  |
| Removal of hip prosthesis (separate procedure) | 27090  |  |  |  |  |  |  |
| Removal of hip prosthesis; complicated, including total hip prosthesis, methylmethacrylate with or without insertion of spacer (e.g., prostalac) | 27091  |  |  |  |  |  |  |
| Arthrotomy, knee, with exploration, drainage, or removal of foreign body (e.g., infection) | 27310  |  |  |  |  |  |  |
| Removal of prosthesis, including total knee prosthesis, methylmethacrylate with or without insertion of spacer, knee | 27488  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **Primary Total Hip Arthroplasty (THA)** |
| Hemiarthroplasty, hip, partial (e.g., femoral stem prosthesis, bipolar arthroplasty) | 27125  |  |  |  |  |  |  |
| THA arthroplasty, acetabular, and proximal femoral prosthetic replacement (total hip arthroplasty), with or without autograft or allograft | 27130  |  |  |  |  |  |  |
| Hemiarthroplasty for fracture | 27236  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **Revision Total Hip Arthroplasty (THA)** |
| THA conversion of previous hip surgery to total hip arthroplasty, with or without autograft or allograft | 27132  |  |  |  |  |  |  |
| THA revision of total hip arthroplasty; both components, with or without autograft or allograft | 27134  |  |  |  |  |  |  |
| THA revision of total hip arthroplasty; acetabular component only, with or without autograftor allograft | 27137  |  |  |  |  |  |  |
| THA revision of total hip arthroplasty; femoral component only, with or without allograft | 27138  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **Osteotomy Knee** |
| Osteotomy, femur, shaft, or supracondylar; without fixation | 27448  |  |  |  |  |  |  |
| Osteotomy, femur, shaft, or supracondylar; with fixation | 27450  |  |  |  |  |  |  |
| Osteotomy, proximal tibia, including fibular excision or osteotomy; after epiphyseal closure | 27457  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **Osteotomy Hip** |
| Hip acetabuloplasty | 27120  |  |  |  |  |  |  |
| Acetabuloplasty; resection, femoral head (e.g., Girdlestone procedure) | 27122  |  |  |  |  |  |  |
| Repair, revision, and/or reconstruction procedures on the pelvis and hip joint, surgery | 27146  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **Primary Shoulder Arthroplasty** |
| Arthroplasty, glenohumeral joint; hemiarthroplasty  | 23470 |  |  |  |  |  |  |
| Arthroplasty, glenohumeral joint; total shoulder [glenoid and proximal humeral replacement (e.g., total shoulder)] | 23472 |  |  |  |  |  |  |
| Reverse shoulder arthroplasty | 23472 |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **REVISION SHOULDER ARTHROPLASTY** |
| Removal of foreign body, shoulder; deep (subfascial or intramuscular) | 23333 |  |  |  |  |  |  |
| Removal of prosthesis, includes debridement and synovectomy when performed; humeral or glenoid component | 23334 |  |  |  |  |  |  |
| Removal of prosthesis, includes debridement and synovectomy when performed; humeral and glenoid component (e.g., total shoulder) | 23335 |  |  |  |  |  |  |
| Arthroplasty, glenohumeral joint; hemiarthropasty | 23470 |  |  |  |  |  |  |
| Revision of total shoulder arthroplasty, including allograft when performed, humeral or glenoid component | 23473 |  |  |  |  |  |  |
| Revision of total shoulder arthroplasty, including allograft when performed, humeral and glenoid component | 23474 |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **ROTATOR CUFF OPEN AND ARTHROSCOPIC** |
| Muscle transfer shoulder or upper arm; single | 23395 |  |  |  |  |  |  |
| Muscle transfer shoulder or upper arm; multiple | 23397 |  |  |  |  |  |  |
| Repair of ruptured musculotendinous cuff (e.g., rotator cuff) open; acute  | 23410 |  |  |  |  |  |  |
| Repair of ruptured musculotendinous cuff (e.g., rotator cuff) open; chronic  | 23412 |  |  |  |  |  |  |
| Reconstruction of complete shoulder rotator cuff avulsion, chronic (includes acromioplasty)  | 23420 |  |  |  |  |  |  |
| Tenodesis of long tendon of biceps | 23430 |  |  |  |  |  |  |
| Arthroscopy, shoulder, surgical; with rotator cuff repair | 29827  |  |  |  |  |  |  |
| Arthroscopy, shoulder, surgical; biceps tenodesis | 29828 |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **BONY PROCEDURES FOR SHOULDER INSTABILITY** |
| Capsulorrhaphy, anterior, any type; with bone block  | 23460 |  |  |  |  |  |  |
| Capsulorrhaphy, anterior, any type; with coracoid process transfer | 23462 |  |  |  |  |  |  |
| Capsulorrhaphy, glenohumeral joint, posterior, with or without bone block  | 23465 |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **SOFT TISSUE PROCEDURES FOR SHOULDER INSTABILITY** |
| Capsulorrhaphy, anterior, with labral repair (e.g., Bankart procedure) | 23455 |  |  |  |  |  |  |
| Capsulorrhaphy, glenohumeral joint, any type multi-directional instability  | 23466 |  |  |  |  |  |  |
| Arthroscopy, shoulder, surgical; capsulorrhaphy  | 29806  |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **OPEN ACROMIOPLASTY** |
| Acromioplasty or acromionectomy, partial, with or without coracoacromial ligament release | 23130 |  |  |  |  |  |  |
| **Other UPPER LIMB arthroscopic procedures** |
| Arthroscopy with repair of slap lesion | 29807 |  |  |  |  |  |  |
| Arthroscopy, shoulder, surgical; distal claviculectomy, including distal articular surface (Mumford procedure) | 29824  |  |  |  |  |  |  |
| Arthroscopy, shoulder, surgical; decompression of subacromial space with partial acromioplasty, with coracoacromial ligament (i.e., arch) release, when performed (list separately in addition to code for primary procedure) | 29826 |  |  |  |  |  |  |
| Arthroscopy, shoulder, surgical; biceps tenodesis | 29828 |  |  |  |  |  |  |
| Arthroscopy, elbow, diagnostic, with or without synovial biopsy (separate procedure) | 29830 |  |  |  |  |  |  |
| Arthroscopy, elbow, surgical, with removal of loose body or foreign body | 29834 |  |  |  |  |  |  |
| Arthroscopy, elbow, surgical; synovectomy, partial | 29835 |  |  |  |  |  |  |
| Arthroscopy, elbow, surgical; synovectomy, complete | 29836 |  |  |  |  |  |  |
| Arthroscopy, elbow, surgical; debridement, limited | 29837 |  |  |  |  |  |  |
| Arthroscopy, elbow, surgical; debridement, extensive | 29838 |  |  |  |  |  |  |
| Arthroscopy, wrist, diagnostic, with or without synovial biopsy (separate procedure) | 29840 |  |  |  |  |  |  |
| Arthroscopy, wrist, surgical; for infection, lavage and drainage | 29843 |  |  |  |  |  |  |
| Arthroscopy, wrist, surgical; synovectomy, partial | 29844 |  |  |  |  |  |  |
| Arthroscopy, wrist, surgical; synovectomy, complete | 29845 |  |  |  |  |  |  |
| Arthroscopy, wrist, surgical; excision and/or repair of triangular fibrocartilage and/or joint debridement | 29846 |  |  |  |  |  |  |
| Arthroscopy, wrist, surgical; internal fixation for fracture or instability | 29847 |  |  |  |  |  |  |
| Endoscopy, wrist, surgical, with release of transverse carpal ligament | 29848 |  |  |  |  |  |  |
| TOTAL |  |  |  |  |  |  |  |
| **Arthrodesis shoulder** |
| Arthrodesis glenohumeral joint | 23800 |  |  |  |  |  |  |

**Affiliation with an Orthopaedic Residency**

For those fellowship programs that are sponsored by an institution that also sponsors an orthopaedic surgery residency program, attach a copy of the agreement **signed by the program directors of both the fellowship and the residency** describing: [PRs I.B.1.a)]

1. how the fellowship and residency programs will interact;
2. the roles of the fellowship and residency program directors in determining the educational program of the fellows and residents;
3. the roles of fellows and residents in patient care;
4. how clinical and educational resources will be shared equitably; and,
5. the ways in which the fellowship is expected to enhance the education of residents.