**New Application: General Surgery**

401 North Michigan Avenue · Chicago, Illinois 60611 · United States · +1.312.755.7042 www.acgme-i.org

**Submission for Initial Accreditation:** This Advanced Specialty Application is for programs applying for **Initial Accreditation ONLY** and is used in conjunction with the Accreditation Data System (ADS).

All sections of the form applicable to the program must be completed for it to be accepted for review. The information provided should describe the existing program. For items that do not apply, indicate “N/A” in the space provided. Where patient numbers are requested, provide exact numbers as requested and indicate the exact dates for the data entered. If any requested information is unavailable, an explanation must be given, and it should be indicated as unavailable in the appropriate place on the form. Once the form is complete, number the pages sequentially in the bottom center.

The program director is responsible for the accuracy of the information supplied in this form, and must sign it. It must also be signed by the designated institutional official (DIO) of the Sponsoring Institution, who will submit the application electronically.

Review the International Foundational Program Requirements for Graduate Medical Education and Advanced Specialty Program Requirements for Graduate Medical Education in General Surgery. The International Foundational, Advanced Specialty, and Institutional Requirements may be downloaded from the ACGME International website: [www.acgme-i.org](http://www.acgme-i.org/).

Email questions regarding the form’s content to [acgme-i@acgme-i.org](mailto:acgme-i@acgme-i.org).

Email questions regarding ADS to [ADS@acgme.org](mailto:ADS@acgme.org) (type the program number in the subject line).

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|  |
| --- |
| Program Name: Click here to enter text. |

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**Introduction**

**Duration and Scope of Education**

|  |
| --- |
| * + - 1. What will be the length, in months, of the educational program? |
| Choose an item. |

**Program Personnel and Resources**

**Other Program Personnel**

Will staff members from the following specialties be available to the program?

Pathology YES NO

Radiology. YES NO

Explain if ‘NO.’ (Limit 250 words)

|  |
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| Click here to enter text. |

**Resources**

* + - 1. How will the program ensure the Sponsoring Institution and participating sites routinely care for patients with a broad spectrum of surgical diseases and conditions? (Limit 300 words)

|  |
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| Click here to enter text. |

* + - 1. How will the program ensure that each resident has experience with a sufficient number of complex cases by graduation? (Limit 300 words)

|  |
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* + - 1. Will the Sponsoring Institution and the program jointly ensure the availability of adequate resources for resident education, including the following?
         1. Online laboratory reporting systems at the primary clinical site YES NO
         2. Online radiographic reporting system at the primary clinical site YES NO
         3. Simulation and skills laboratories YES NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
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| Click here to enter text. |

**Resident Appointment**

**Number of Residents**

* + - 1. How will the program ensure there are not more residents enrolled than approved by the Review Committee-International? (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

* + - 1. Will the program appoint residents to a preliminary year? YES NO

If ‘NO,’ skip to Resident Transfers section below.

* + - 1. Will residents in the preliminary year be appointed for only one year? YES NO
      2. Will the number of residents appointed to the preliminary year be equal to or less than the number of approved post-graduate year-one (PGY-1) categorical positions? YES NO
      3. Will the program director document continuation in graduate medical education for each resident appointed to the preliminary year? YES NO
      4. Will the program director counsel and assist preliminary year residents in obtaining future positions? YES NO

Explain any ‘NO’ responses to Questions 3-6 above. (Limit 250 words)

|  |
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| Click here to enter text. |

**Resident Transfers**

1. How will the program ensure that the final two years of each resident’s education are spent in the same general surgery residency? (Limit 300 words)

|  |
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| Click here to enter text. |

**Specialty-Specific Educational Program**

**ACGME-I Competencies**

**Professionalism**

1. How will graduating residents demonstrate a commitment to fulfilling their professional responsibilities and adhering to ethical principles?

Describe how these traits will be evaluated. (Limit 300 words)

|  |
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| Click here to enter text. |

1. How will graduating residents demonstrate the following?

Compassion, integrity, and respect for others

* 1. Responsiveness to patient needs that supersedes self-interest
  2. Respect for patient privacy and autonomy
  3. Accountability to patients, society, and the profession
  4. Sensitivity and responsiveness to a diverse patient population, including to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation
  5. High standards of ethical behavior
  6. A commitment to continuous patient care

Provide examples of how traits will be assessed in three of the five areas listed. (Limit 300 words)

|  |
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**Patient Care and Procedural Skills**

1. How will all graduating residents demonstrate the ability to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health?

Describe how this will be evaluated. (Limit 300 words)

|  |
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| Click here to enter text. |

1. How will graduating residents demonstrate competence in the following?
2. Developing and executing patient care plans appropriate for their level, including management of pain
3. Managing patients with severe and complex illnesses and with major injuries
4. Managing surgical conditions arising in transplant patients
5. Manual dexterity appropriate for their educational level

Describe how competence will be assessed in each of the areas listed. (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. How will graduating residents demonstrate competence in the essential content areas of the following:

Endocrine surgery

Head and neck surgery

Pediatric surgery

Skin, soft tissues, and breast

The abdomen and its contents

The alimentary tract

Trauma and non-operative trauma

Surgical critical care

Surgical oncology

1. Vascular system

Provide examples of how competence will be assessed in six of the 10 areas listed. (Limit 600 words)

|  |
| --- |
| Click here to enter text. |

**Medical Knowledge**

How will graduating residents demonstrate knowledge of established and evolving biomedical, clinical, epidemiological, and social-behavioral sciences, as well as the application of this knowledge to patient care?

Describe how knowledge will be evaluated. (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

How will graduating residents demonstrate knowledge of the following?

1. Applied surgical anatomy and surgical pathology
2. Burn physiology and initial burn management
3. Critical evaluation of pertinent scientific information
4. Hematologic disorders
5. Homeostasis, shock, and circulatory physiology
6. Immunobiology and transplantation
7. Metabolic response to injury
8. Oncology
9. Surgical endocrinology
10. Surgical nutrition and fluid and electrolyte balance
11. The elements of wound healing
12. The fundamentals of basic science as applied to clinical surgery

Provide examples of how knowledge will be assessed in seven of the 12 areas listed. (Limit 700 words)

|  |
| --- |
| Click here to enter text. |

**Practice-based Learning and Improvement**

1. How will graduating residents demonstrate their ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and lifelong learning?

Describe how these skills will be evaluated. (Limit 300 words)

|  |
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| Click here to enter text. |

1. How will graduating residents demonstrate they have developed the skills and habits to be able to meet the following goals?
2. Identify strengths, deficiencies, and limits in one’s knowledge and expertise
3. Identify and perform appropriate learning activities
4. Incorporate formative evaluation feedback into daily practice
5. Participate in morbidity and mortality conferences that evaluate and analyze patient care outcomes
6. Participate in the education of patients, patients’ families, students, other residents, and other health professionals
7. Locate, appraise, and assimilate evidence from scientific studies related to their patients’ health problems
8. Set learning and improvement goals
9. Systematically analyze clinical practice using quality improvement methods, and implement changes with the goal of practice improvement
10. Use information technology to optimize learning
11. Utilize an evidence-based approach to patient care

Provide examples of how skills will be assessed in six of the 10 areas listed. (Limit 600 words)

|  |
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| Click here to enter text. |

**Interpersonal and Communication Skills**

1. How will graduating residents demonstrate interpersonal and communication skills that result in the effective exchange of information and collaboration with patients, their families, and other health professionals?

Describe how these skills will be evaluated. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How will graduating residents demonstrate their ability to:

communicate effectively with patients, patients’ families, and the public, as appropriate, across a broad range of socioeconomic and cultural backgrounds;

communicate effectively with physicians, other health professionals, and health-related agencies;

work effectively as a member or leader of a health care team or other professional group;

act in a consultative role to other physicians and health professionals;

maintain comprehensive, timely, and legible medical records;

1. counsel and educate patients and their families; and,
2. effectively document practice activities?

Provide examples of how skills will be assessed in four of the seven areas listed. (Limit 400 words)

|  |
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| Click here to enter text. |

**System-based Practice**

1. How will graduating residents demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care?

Describe how these skills will be evaluated. (Limit 300 words)

|  |
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| Click here to enter text. |

1. How will graduating residents demonstrate their ability to:
2. work effectively in various health care delivery settings and systems relevant to their clinical specialty;
3. coordinate patient care within the health care system relevant to their clinical specialty;
4. incorporate considerations of cost awareness and risk-benefit analysis in patient and/or population-based care as appropriate;
5. advocate for quality patient care and optimal patient care systems;
6. work in interprofessional teams to enhance patient safety and improve patient care quality;
7. participate in identifying system errors and implementing potential systems solutions;
8. practice high-quality, cost-effective patient care;
9. demonstrate knowledge of risk-benefit analysis; and,
10. demonstrate an understanding of the role of different specialists and other health care professionals in overall patient management?

Provide examples of how skills will be assessed in five of the nine areas listed. (Limit 500 words)

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| Click here to enter text. |

**Regularly Scheduled Educational Activities**

1. Complete Appendix A., Formal Didactic Sessions by Academic Year, and attach to submission.
2. Will the curriculum include a didactic program based on the core knowledge content of general surgery? YES NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

Will the didactic program include the fundamentals of basic science as applied to clinical surgery, to include the following?

* 1. Applied surgical anatomy YES NO
  2. Elements of wound healing YES NO
  3. Fluid and electrolyte balance YES NO
  4. Homeostasis, shock, and circulatory physiology YES NO
  5. Immunobiology and transplantation YES NO
  6. Metabolic response to injury, including to burns YES NO
  7. Oncology YES NO
  8. Surgical endocrinology YES NO
  9. Surgical nutrition YES NO
  10. Surgical pathology YES NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Will the didactic program include the following?
2. A course of structured series of lectures that ensures education in the basic and clinical sciences fundamental to surgery YES NO
3. Education in critical thinking YES NO
4. Education in design of experiments YES NO
5. Education in evaluation of data YES NO
6. Education on technological advances that relate to surgery and the care of patients with surgical diseases YES NO
7. Regular organized clinical teaching, such as grand rounds, ward rounds, and clinical conferences YES NO
8. Weekly morbidity and mortality or quality improvement conference YES NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. How will the program ensure and document that the clinical curriculum is sequential, comprehensive, and organized from basic to complex? (Limit 400 words)

|  |
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| Click here to enter text. |

1. How will the program ensure that conferences are scheduled to permit resident attendance on a regular basis, and that resident time is protected to attend conferences? (Limit 400 words)

|  |
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| Click here to enter text. |

1. How will the program monitor resident attendance at conferences and ensure attendance of at least 75 percent of the residents at all conferences? (Limit 400 words)

|  |
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| Click here to enter text. |

1. Will the program largely rely on textbook review for residents to attain competence in medical knowledge? YES NO

Explain if ‘YES.’ (Limit 250 words)

|  |
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| Click here to enter text. |

**Clinical Experiences**

Complete Appendix B., Patient Population Data, and attach to submission.

1. Will at least 54 months of the educational program be spent on clinical assignments in surgery?

YES NO

1. Will the clinical assignments in surgery include experience in emergency care? YES NO
2. Will the clinical assignments in surgery include experience in surgical critical care? YES NO

Explain any ‘NO’ responses to Questions 2-4 above. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Complete the table below with the amount of time, in months, for the listed clinical assignments in the essential content areas of surgery.

|  |  |
| --- | --- |
| **Content Area** | **Clinical Assignment Length in Months** |
| Abdomen and its contents | Duration. |
| Alimentary tract | Duration. |
| Endocrine surgery | Duration. |
| Head and neck surgery | Duration. |
| Non-operative trauma\* | Duration. |
| Pediatric surgery | Duration. |
| Skin, soft tissues, and breast | Duration. |
| Surgical critical care | Duration. |
| Surgical oncology | Duration. |
| Trauma | Duration. |
| Vascular system | Duration. |
| **Total Time in All** | Duration. |

\*Burn experience that includes patient management may be counted toward non-operative trauma.

Explain if the total time in the essential content areas listed above will be less than 42 months. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. Will the program include rotations in burn care, cardiac surgery, gynecology, neurological surgery, orthopaedic surgery, or urology? (*Note: these rotations are not required.*) YES NO
   1. If ‘YES,’ will clearly documented goals and objectives for each rotation be provided to residents? YES NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Will the program include a transplant rotation? YES NO

Explain if ‘NO.’ (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. If ‘YES’ to Question 7, will the transplant rotation:
2. cover knowledge of the principles of immunosuppression? YES NO
3. cover knowledge of the principles of immunology? YES NO
4. include management of general surgical conditions arising in transplant patients? YES NO
5. include patient management? YES NO
6. provide clearly documented goals and objectives to residents? YES NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
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| Click here to enter text. |

1. Complete the table below with the amount of time, in months, for the following clinical assignments. If these areas will not be included in the educational program, indicate zero (0) months.

|  |  |
| --- | --- |
| **Content Area** | **Clinical Assignment Length in Months** |
| Anesthesiology | Duration |
| Internal medicine | Duration |
| Pediatrics | Duration |
| Research | Duration |
| Surgical pathology | Duration |
| Other non-surgical disciplines (specify) | Duration |
| Enter other. | Duration |
| Enter other. | Duration |
| **Total Time in All** | Duration |

Explain if the total time in the content areas listed will be more than six months. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. How will the program ensure that each resident performs at least 750 major cases by graduation? (Limit 400 words)

|  |
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| Click here to enter text. |

1. How will the program ensure that residents perform at least 150 major cases during their chief year? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. Will residents have experience with endoscopic procedures, including the following?
2. Advanced laparoscopy YES NO
3. Bronchoscopy YES NO
4. Colonoscopy YES NO
5. Esophogastro-duodenoscopy YES NO

Explain any ‘NO’ responses. (Limit 250 words)

|  |
| --- |
| Click here to enter text. |

1. Will residents have experience with evolving diagnostic and therapeutic methods? YES NO

Explain if ‘NO.’ (Limit 250 words)

|  |
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| Click here to enter text. |

1. Will residents have outpatient experiences? YES NO

Explain if ‘NO.’ (Limit 250 words)

|  |
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| Click here to enter text. |

1. If ‘YES’ to Question 14, will these experiences include the following?
2. Evaluating patients pre-operatively, including conducting an initial evaluation YES NO
3. Evaluating patients post-operatively YES NO
4. Will at least 75 percent of the outpatient experiences be in the essential content areas of surgery?

YES NO

1. Will these experiences be scheduled for at least one half-day per week? YES NO

Explain any ‘NO’ responses to Questions 15 and 16. (Limit 250 words).

|  |
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| Click here to enter text. |

1. How will the program ensure there is documentation that residents are performing a sufficient breadth of complex procedures prior to graduation? (Limit 400 words)

|  |
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| Click here to enter text. |

1. How will the program ensure that all residents, including those admitted to the preliminary year, enter their operative experience concurrently during each year of the program in the ACGME-I Case Log System? (Limit 400 words)

|  |
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| Click here to enter text. |

1. How will the program ensure that a chief resident and a fellow do not have primary responsibility for the same patient (residents and fellows can co-manage non-operative care of the same patient)? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. Will residents be considered as Surgeon when they can document a significant role in determination or confirmation of the diagnosis, provision of pre-operative care, selection and accomplishment of the appropriate operative procedure, and management of post-operative care? YES NO

Explain if ‘NO’ or if other criteria are used. (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. Will the program schedule chief residents’ clinical assignments in the final year of the residency?

YES NO

Explain if ‘NO.’ (Limit 300 words)

|  |
| --- |
| Click here to enter text. |

1. Will chief residents’ assignments be scheduled at a participating site? YES NO

If ‘NO,’ skip to Question 26.

1. Will the program director appoint members of the teaching staff and the local program director for the participating site? YES NO
2. Will all faculty members at the participating site demonstrate commitment to scholarly pursuits?

YES NO

1. Will clinical experiences in the essential content areas of surgery be available at the participating site? YES NO

Explain if ‘NO’ to Questions 23 through 25 above. (Limit 250 words)

|  |
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| Click here to enter text. |

1. Will all participating sites be in geographical proximity to allow all residents to attend core conferences?

YES NO

1. If ‘NO,’ will there be an equivalent educational program of lectures and conferences at participating sites? YES NO
2. Will lectures and conferences at participating sites be documented? YES NO
3. Will morbidity and mortality conferences occur at participating sites or at a combined central location? YES NO

Explain any ‘NO’ responses to Questions 27 and 28. (Limit 250 words)

|  |
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| Click here to enter text. |

1. Will any of the program’s participating sites be the primary clinical site for another ACGME-I-accredited surgical residency program? YES NO

Explain if ‘YES.’ (Limit 250 words)

|  |
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| Click here to enter text. |

1. How will the program ensure that assignments during the chief resident year include the essential content areas of general surgery? (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

1. How will the program ensure that no more than four months of the chief resident year is devoted to any one content area? (Limit 400 words)

|  |
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| Click here to enter text. |

1. How will the program count cases when a chief resident acts as a Teaching Assistant to a more junior resident? Include how these cases will be credited toward the required minimum during the chief resident year and if junior residents will be credited for the same cases. (Limit 400 words)

|  |
| --- |
| Click here to enter text. |

Appendix A. Formal Didactic Sessions by Academic Year

For each year of the residency, attach (Label: Appendix A.) a list of all scheduled didactic courses (including discussion groups, seminars and conferences, grand rounds, basic science, skills labs, and journal club) at all participating sites to which residents will rotate, using the format below. If attended by residents from multiple years, list in each year but provide a full description *only the first time a site is listed.*

Number sessions **consecutively** from the first year through the final year so that the scheduled didactic sessions can be easily referenced throughout the application. **Be brief and use the outline that follows**.

Year in the Program:

Number: Title:

a) Type of Format (e.g., seminar, conference, discussion groups)

b) Required or elective

c) Brief description (three or four sentences)

d) Frequency, length of session, and total number of sessions

**Example:**

|  |
| --- |
| Y-1  01. Introduction to surgery  a) Seminar  b) Required Y-1  c) Survey of contemporary methods and styles of surgery, including approaches to clinical work with minority populations.  d) Weekly, for 8 sessions  02. Departmental Grand Rounds  a) Discussion groups  b) Required, Y-1, Y-2, Y-3; Elective Y-4  c) Clinical case presentations, sponsored by each departmental division, followed by discussion and review of contemporary state of knowledge. Format includes resident presentations and discussions with additional faculty discussant.  d) Twice monthly, 24 sessions |

If resident attendance will be monitored, explain how this will be accomplished and how feedback will be given regarding non-attendance (Limit 250 words).

|  |
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| Click here to enter text. |

**Appendix B. Patient Population Data**

Complete and attach the following tables summarizing the total number of cases seen annually at each of the planned participating sites (Label: Appendix B.). Numbers should reflect total volume at each participating site to which residents will rotate.

Participating sites are indicated by a number that must correspond to the number designated for that site in ADS. The primary clinical site must be designated as Site #1. If additional sites are not planned, columns can be left blank. If additional sites are planned, add columns as needed.

The data in Table 1 below is for the following one-year period:

From: Date\_\_\_\_\_\_\_\_\_\_\_ To: Date\_\_\_\_\_\_\_\_\_\_\_

Table 1. Annual Cases

|  |  | **Site #1** | **Site #2** | **Site #3** | **Site #4** | **Site #5** | **Site #6** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Skin/Soft Tissue** | | | | | | | |
| 1010 | Major lymphadenectomies |  |  |  |  |  |  |
| 1020 | Major excision and repair/graft for skin neoplasm |  |  |  |  |  |  |
| 1025 | Sentinel lymph node biopsy for melanoma |  |  |  |  |  |  |
| 1030 | Radical excision of soft tissue tumor |  |  |  |  |  |  |
| 1040 | Other major skin/soft tissue |  |  |  |  |  |  |
|  | **TOTAL SKIN/SOFT TISSUE** |  |  |  |  |  |  |
| **Head/Neck** | | | | | | | |
| 1210 | Resection lesion-lips |  |  |  |  |  |  |
| 1220 | Resection lesion-tongue |  |  |  |  |  |  |
| 1230 | Resection lesion-floor mouth/buccal muc |  |  |  |  |  |  |
| 1240 | Parotidectomy |  |  |  |  |  |  |
| 1250 | Resection other salivary gland |  |  |  |  |  |  |
| 1260 | Radical neck dissection |  |  |  |  |  |  |
| 1270 | Resection mandible/maxilla |  |  |  |  |  |  |
| 1280 | Tracheostomy |  |  |  |  |  |  |
| 1290 | Other major head/neck |  |  |  |  |  |  |
|  | **TOTAL HEAD/NECK** |  |  |  |  |  |  |
| **Breast** | | | | | | | |
| 1510 | Breast biopsy |  |  |  |  |  |  |
| 1515 | Sentinel lymph node biopsy |  |  |  |  |  |  |
| 1520 | Simple mastectomy |  |  |  |  |  |  |
| 1530 | Modified radical mastectomy |  |  |  |  |  |  |
| 1540 | Radical mastectomy |  |  |  |  |  |  |
| 1550 | Excision bx/quadrant excision with axillary sampling |  |  |  |  |  |  |
| 1560 | Breast reconstruction |  |  |  |  |  |  |
| 1570 | Other major breast |  |  |  |  |  |  |
|  | **TOTAL BREAST** |  |  |  |  |  |  |
| **Alimentary Track-Esophagus** | | | | | | | |
| 2010 | Esophagectomy |  |  |  |  |  |  |
| 2020 | Esophagogastrectomy |  |  |  |  |  |  |
| 2030 | Antireflux procedure-open |  |  |  |  |  |  |
| 2035 | Antireflux procedure-laparoscopic |  |  |  |  |  |  |
| 2040 | Esophageal bypass procedure |  |  |  |  |  |  |
| 2050 | Repair of perforation-esophagus disease |  |  |  |  |  |  |
| 2060 | Other operations for esophageal stenosis |  |  |  |  |  |  |
| 2070 | Esophageal diverticulectomy |  |  |  |  |  |  |
| 2080 | Other major esophagus |  |  |  |  |  |  |
|  | **TOTAL ALIMENTARY TRACK-ESOPHAGUS** |  |  |  |  |  |  |
| **Alimentary Track-Stomach** | | | | | | | |
| 2210 | Gastrostomy (all types)-open |  |  |  |  |  |  |
| 2215 | Gastrostomy (all types)-laparoscopic |  |  |  |  |  |  |
| 2220 | Gastric resection, partial-open |  |  |  |  |  |  |
| 2225 | Gastric resection, partial-laparoscopic |  |  |  |  |  |  |
| 2230 | Gastric resection, total |  |  |  |  |  |  |
| 2240 | Vagotomy, truncal/selective w/drainage/resection-open |  |  |  |  |  |  |
| 2245 | Vagotomy, truncal/selective w/drainage/resection-laparoscopic |  |  |  |  |  |  |
| 2250 | Repair perforation-gastric disease |  |  |  |  |  |  |
| 2260 | Prox gastric vagotomy, highly selective-open |  |  |  |  |  |  |
| 2265 | Prox gastric vagotomy, highly selective-laparoscopic |  |  |  |  |  |  |
| 2270 | Gastric reduction for morbid obesity (all) |  |  |  |  |  |  |
| 2275 | Other major stomach – defined category credit |  |  |  |  |  |  |
| 2280 | Other major stomach |  |  |  |  |  |  |
|  | **TOTAL ALIMENTARY TRACK-STOMACH** |  |  |  |  |  |  |
| **Alimentary Track-Small Intestine** | | | | | | | |
| 2410 | Enterolysis |  |  |  |  |  |  |
| 2415 | Enterolysis-laparoscopic |  |  |  |  |  |  |
| 2420 | Enterectomy |  |  |  |  |  |  |
| 2425 | Enterectomy-laparoscopic |  |  |  |  |  |  |
| 2430 | Repair perforation-duodenal disease |  |  |  |  |  |  |
| 2440 | Repair perforation-small bowel disease |  |  |  |  |  |  |
| 2450 | Ileostomy (not associated w/colectomy) |  |  |  |  |  |  |
| 2452 | Ileostomy (not associated w/colectomy)-laparoscopic |  |  |  |  |  |  |
| 2460 | Diverticulectomy |  |  |  |  |  |  |
| 2470 | Other major small intestine |  |  |  |  |  |  |
|  | **TOTAL ALIMENTARY TRACK-SMALL INTESTINE** |  |  |  |  |  |  |
| **Alimentary Track-Large Intestine** | | | | | | | |
| 2610 | Appendectomy-open |  |  |  |  |  |  |
| 2615 | Appendectomy-laparoscopic |  |  |  |  |  |  |
| 2620 | Colostomy (all types) |  |  |  |  |  |  |
| 2625 | Colostomy closure |  |  |  |  |  |  |
| 2630 | Colectomy, partial-open |  |  |  |  |  |  |
| 2632 | Colectomy, partial-laparoscopic |  |  |  |  |  |  |
| 2640 | Colectomy w/ileoanal pull-thru |  |  |  |  |  |  |
| 2645 | Colectomy w/continent reconstruction |  |  |  |  |  |  |
| 2650 | Abdominoperineal resection |  |  |  |  |  |  |
| 2655 | Transanal rectal tumor excision |  |  |  |  |  |  |
| 2660 | Repair perforation-colon disease |  |  |  |  |  |  |
| 2670 | Other major large intestine |  |  |  |  |  |  |
|  | **TOTAL ALIMENTARY TRACK-LARGE INTESTINE** |  |  |  |  |  |  |
| **Alimentary Track-Anorectal** | | | | | | | |
| 2810 | Hemorrhoidectomy (all) |  |  |  |  |  |  |
| 2820 | Sphincterotomy/sphincteroplasty |  |  |  |  |  |  |
| 2830 | Drainage procedure for anorectal abscess |  |  |  |  |  |  |
| 2840 | Repair anorectal fistula |  |  |  |  |  |  |
| 2850 | Other operations for anal incontinence |  |  |  |  |  |  |
| 2860 | Repair rectal prolapse |  |  |  |  |  |  |
| 2880 | Other major anorectal |  |  |  |  |  |  |
|  | **TOTAL ALIMENTARY TRACK-ANORECTAL** |  |  |  |  |  |  |
| **Abdomen-General** | | | | | | | |
| 3010 | Exploratory laparoscopic exclusive of trauma-open |  |  |  |  |  |  |
| 3015 | Exploratory laparoscopic exclusive of trauma-laparoscopic |  |  |  |  |  |  |
| 3020 | Drainage intra-abdominal abscess |  |  |  |  |  |  |
| 3040 | Major retroperit/pelvic node dissection-open |  |  |  |  |  |  |
| 3049 | Other major abdominal-general-laparoscopic complex – defined category credit |  |  |  |  |  |  |
| 3050 | Other major abdominal-general |  |  |  |  |  |  |
|  | **TOTAL ABDOMEN-GENERAL** |  |  |  |  |  |  |
| **Abdomen-Liver** | | | | | | | |
| 3210 | Lobectomy or segmentectomy |  |  |  |  |  |  |
| 3220 | Wedge resection/open biopsy |  |  |  |  |  |  |
| 3240 | Drainage liver abscess |  |  |  |  |  |  |
| 3260 | Other major liver |  |  |  |  |  |  |
|  | **TOTAL ABDOMEN-LIVER** |  |  |  |  |  |  |
| **Abdomen-Biliary** | | | | | | | |
| 3410 | Cholecystostomy |  |  |  |  |  |  |
| 3420 | Cholecystectomy w/ or w/o operative grams-open |  |  |  |  |  |  |
| 3425 | Cholecystectomy w/ or w/o operative grams-laparoscopic |  |  |  |  |  |  |
| 3430 | Common bile duct exploratory-open |  |  |  |  |  |  |
| 3435 | Common bile duct exploratory-laparoscopic |  |  |  |  |  |  |
| 3440 | Choledochoenteric anastomosis |  |  |  |  |  |  |
| 3450 | Sphincteroplasty (Oddi) |  |  |  |  |  |  |
| 3470 | Other major biliary |  |  |  |  |  |  |
|  | **TOTAL ABDOMEN-BILIARY** |  |  |  |  |  |  |
| **Abdomen-Pancreas** | | | | | | | |
| 3610 | Drainage pancreatic abscess |  |  |  |  |  |  |
| 3615 | Resection for pancreatic necrosis |  |  |  |  |  |  |
| 3620 | Pancreatic resection, distal |  |  |  |  |  |  |
| 3630 | Pancreatic resection, Whipple |  |  |  |  |  |  |
| 3640 | Pancreatic resection, total |  |  |  |  |  |  |
| 3660 | Drainage pseudocyst (all types) |  |  |  |  |  |  |
| 3670 | Pancreaticojejunostomy |  |  |  |  |  |  |
| 3680 | Other major pancreas |  |  |  |  |  |  |
|  | **TOTAL ABDOMEN-PANCREAS** |  |  |  |  |  |  |
| **Abdomen-Spleen** | | | | | | | |
| 3715 | Splenectomy for disease-laparoscopic |  |  |  |  |  |  |
|  | **TOTAL ABDOMEN-SPLEEN** |  |  |  |  |  |  |
| **Abdomen-Hernia** | | | | | | | |
| 3810 | Inguinal-femoral (all)-open |  |  |  |  |  |  |
| 3815 | Inguinal-femoral (all)-laparoscopic |  |  |  |  |  |  |
| 3820 | Ventral |  |  |  |  |  |  |
| 3830 | Other major hernias |  |  |  |  |  |  |
|  | **TOTAL ABDOMEN-HERNIA** |  |  |  |  |  |  |
| **Vascular-Aneurysm Repair** | | | | | | | |
| 4000 | Open repair infrarenal aorto-iliac ruptured |  |  |  |  |  |  |
| 4005 | Open repair infrarenal aorto-iliac elective |  |  |  |  |  |  |
| 4007 | Endovascular repair abdomen aortic/iliac aneurysm |  |  |  |  |  |  |
| 4008 | Endovascular repair of iliac artery |  |  |  |  |  |  |
| 4010 | Repair suprarenal aortic aneurysm |  |  |  |  |  |  |
| 4015 | Thoracic aortic aneurysm |  |  |  |  |  |  |
| 4018 | Endovascular repair thoracic aortic aneurysm |  |  |  |  |  |  |
| 4020 | Thoracoabdominal aortic aneurysm |  |  |  |  |  |  |
| 4025 | Femoral aneurysm |  |  |  |  |  |  |
| 4030 | Popliteal aneurysm |  |  |  |  |  |  |
| 4033 | Other major aneurysms - defined category credit |  |  |  |  |  |  |
| 4035 | Other major aneurysms |  |  |  |  |  |  |
|  | **TOTAL VASCULAR-ANEURYSM REPAIR** |  |  |  |  |  |  |
| **Vascular-Cerebrovascular** | | | | | | | |
| 4100 | Carotid endarterectomy |  |  |  |  |  |  |
| 4110 | Reoperative carotid surgery |  |  |  |  |  |  |
| 4115 | Transcatheter placement carotid artery stent |  |  |  |  |  |  |
| 4120 | Excise carotid body tumor |  |  |  |  |  |  |
| 4130 | Vertebral artery operation |  |  |  |  |  |  |
| 4140 | Direct repair aortic arch branches |  |  |  |  |  |  |
| 4145 | Transluminal balloon angioplasty - brachiocephalic |  |  |  |  |  |  |
| 4147 | Transluminal atherectomy - brachiocephalic |  |  |  |  |  |  |
| 4148 | Transcatheter place of intravascular stent, non-coronary |  |  |  |  |  |  |
| 4150 | Cervical bypass aortic arch branches |  |  |  |  |  |  |
| 4155 | Embolectomy/thrombectomy by neck or thoracic incision |  |  |  |  |  |  |
| 4158 | Other major cerebrovascular – defined category credit |  |  |  |  |  |  |
|  | **TOTAL VASCULAR-CEREBROVASCULAR** |  |  |  |  |  |  |
| **Vascular-Peripheral Obstruction** | | | | | | | |
| 4200 | Aorto-ilio/femoral endarterectomy |  |  |  |  |  |  |
| 4201 | Aorto-ilio/femoral bypass, prosthetic |  |  |  |  |  |  |
| 4202 | Aorto-ilio/femoral bypass, vein |  |  |  |  |  |  |
| 4203 | Transluminal balloon angioplasty aorta or iliac |  |  |  |  |  |  |
| 4204 | Transluminal atherectomy aorta or iliac |  |  |  |  |  |  |
| 4205 | Transcatheter placement intravascular stent aorta |  |  |  |  |  |  |
| 4206 | Ilio-iliac/femoral endarterectomy |  |  |  |  |  |  |
| 4207 | Excise infected graft, abdomen or chest |  |  |  |  |  |  |
| 4208 | Repair graft-enteric/aorto-enteric fistula |  |  |  |  |  |  |
| 4210 | Femoral, profunda endarterectomy |  |  |  |  |  |  |
| 4215 | Femoral-popliteal bypass, vein |  |  |  |  |  |  |
| 4220 | Femoral-popliteal bypass, prosthetic |  |  |  |  |  |  |
| 4225 | Transluminal balloon angioplasty femoral-popliteal |  |  |  |  |  |  |
| 4230 | Transluminal atherectomy femoral-popliteal |  |  |  |  |  |  |
| 4233 | Endarterectomy, superficial femoral, popliteal |  |  |  |  |  |  |
| 4235 | Infrapopliteal bypass, vein |  |  |  |  |  |  |
| 4240 | Infrapopliteal bypass, prosthetic |  |  |  |  |  |  |
| 4241 | Transluminal balloon angioplasty, tibioperoneal |  |  |  |  |  |  |
| 4242 | Transluminal atherectomy, tibioperoneal |  |  |  |  |  |  |
| 4243 | Transcatheter place of intravascular stent non-coronary |  |  |  |  |  |  |
| 4244 | Excise infected graft, peripheral |  |  |  |  |  |  |
| 4245 | Revise lower extremity bypass |  |  |  |  |  |  |
| 4246 | Arterial embolectomy/thrombectomy by leg incision |  |  |  |  |  |  |
| 4247 | Graft thrombectomy |  |  |  |  |  |  |
| 4248 | Adjunctive vein cuff or avf |  |  |  |  |  |  |
| 4250 | Harvest arm vein |  |  |  |  |  |  |
| 4255 | Composite leg bypass graft |  |  |  |  |  |  |
| 4260 | Re-do lower extremity bypass |  |  |  |  |  |  |
| 4278 | Other major peripheral - defined category credit |  |  |  |  |  |  |
|  | **TOTAL VASCULAR-PERIPHERAL OBSTRUCTION** |  |  |  |  |  |  |
| **Vascular-Abdominal Obstructive** | | | | | | | |
| 4300 | Celiac/superior mesenteric artery endarterectomy, bypass |  |  |  |  |  |  |
| 4310 | Renal endarterectomy, bypass |  |  |  |  |  |  |
| 4312 | Embolectomy/thrombectomy, renal |  |  |  |  |  |  |
| 4315 | Transluminal balloon angioplasty, renal |  |  |  |  |  |  |
| 4318 | Transluminal atherectomy, renal |  |  |  |  |  |  |
| 4319 | Transcatheter place of stent, renal artery |  |  |  |  |  |  |
|  | **TOTAL VASCULAR-ABDOMINAL OBSTRUCTIVE** |  |  |  |  |  |  |
| **Vascular-Upper Extremity** | | | | | | | |
| 4354 | Open brachial artery exposure |  |  |  |  |  |  |
| 4355 | Arm bypass, endarterectomy, repair |  |  |  |  |  |  |
| 4357 | Transcatheter place of intravascular stent, non-coronary |  |  |  |  |  |  |
| 4360 | Thoracic outlet decompression |  |  |  |  |  |  |
| 4365 | Embolectomy/thrombectomy, by arm incision |  |  |  |  |  |  |
|  | **TOTAL VASCULAR-UPPER EXTREMITY** |  |  |  |  |  |  |
| **Vascular-Extra-Anatomic** | | | | | | | |
| 4400 | Axillo-femoral bypass |  |  |  |  |  |  |
| 4410 | Axillo-popliteal-tibial bypass |  |  |  |  |  |  |
| 4420 | Femoral-femoral bypass |  |  |  |  |  |  |
|  | **TOTAL VASCULAR-EXTRA-ANATOMIC** |  |  |  |  |  |  |
| **Vascular-Thrombolysis/Mechanical Thrombectomy** | | | | | | | |
| 4455 | Transluminal mechanical thrombectomy |  |  |  |  |  |  |
| 4460 | Thrombolysis, transarterial, transcatheter |  |  |  |  |  |  |
| 4465 | Exchange of thrombolysis catheter |  |  |  |  |  |  |
|  | **TOTAL VASCULAR-THROMBOLYSIS/ MECHANICAL THROMBECTOMY** |  |  |  |  |  |  |
| **Vascular-Vascular-Miscellaneous Endovascular Therapeutic** | | | | | | | |
| 4505 | Endovascular place of iliac artery occlusion device |  |  |  |  |  |  |
| 4510 | Transcatheter therapy, infusion non-thrombolysis |  |  |  |  |  |  |
| 4520 | Transcatheter retrieval of intravascular foreign |  |  |  |  |  |  |
| 4530 | Transcatheter arterial occlusion or embolization |  |  |  |  |  |  |
| 4535 | Transcatheter place of wireless sensor |  |  |  |  |  |  |
| 4540 | Pressure measurements from wireless sensor |  |  |  |  |  |  |
|  | **TOTAL VASCULAR- MISCELLANEOUS ENDOVASCULAR THERAPEUTIC** |  |  |  |  |  |  |
| **Vascular-Trauma** | | | | | | | |
| 4550 | Repair thoracic vessels |  |  |  |  |  |  |
| 4560 | Repair neck vessels |  |  |  |  |  |  |
| 4570 | Repair abdominal vessels |  |  |  |  |  |  |
| 4580 | Repair peripheral vessels |  |  |  |  |  |  |
| 4590 | Fasciotomy |  |  |  |  |  |  |
|  | **TOTAL VASCULAR-TRAUMA** |  |  |  |  |  |  |
| **Vascular-Venous** | | | | | | | |
| 4605 | Portal-systemic shunt |  |  |  |  |  |  |
| 4610 | Operation for varicose veins |  |  |  |  |  |  |
| 4615 | Sclerotherapy, peripheral vein |  |  |  |  |  |  |
| 4620 | Embolectomy/thrombectomy, venous |  |  |  |  |  |  |
| 4625 | Vena caval interruption/filter |  |  |  |  |  |  |
| 4630 | Operations for venous ulceration |  |  |  |  |  |  |
| 4635 | Venous reconstruction |  |  |  |  |  |  |
| 4640 | Transluminal balloon angioplasty, venous |  |  |  |  |  |  |
| 4645 | Transluminal mechanical thrombectomy, venous |  |  |  |  |  |  |
| 4650 | Thrombolysis, transvenous, transcatheter |  |  |  |  |  |  |
| 4655 | Exchange of thrombolysis catheter |  |  |  |  |  |  |
| 4660 | Interruption of IVC |  |  |  |  |  |  |
| 4665 | Repair A-V malformation |  |  |  |  |  |  |
|  | **TOTAL VASCULAR-VENOUS** |  |  |  |  |  |  |
| **Vascular-Endovascular Diagnostic** | | | | | | | |
| 4710 | Arteriography |  |  |  |  |  |  |
| 4720 | Venography |  |  |  |  |  |  |
| 4730 | Angioscopy |  |  |  |  |  |  |
| 4740 | Intravascular ultrasound |  |  |  |  |  |  |
|  | **TOTAL VASCULAR- ENDOVASCULAR DIAGNOSTIC** |  |  |  |  |  |  |
| **Vascular-Miscellaneous Vascular** | | | | | | | |
| 4810 | Exploration of artery |  |  |  |  |  |  |
| 4820 | Post-operative exploration for bleed, thrombosis, infection |  |  |  |  |  |  |
| 4830 | Major vascular ligation |  |  |  |  |  |  |
| 4840 | Inject pseudoaneurysm |  |  |  |  |  |  |
| 4850 | Spine exposure |  |  |  |  |  |  |
| 4860 | Sympathectomy |  |  |  |  |  |  |
| 4870 | Lymphatic procedure |  |  |  |  |  |  |
| 4880 | Other miscellaneous vascular procedure |  |  |  |  |  |  |
|  | **TOTAL VASCULAR- MISCELLANEOUS VASCULAR** |  |  |  |  |  |  |
| **Vascular-Vascular Access** | | | | | | | |
| 4910 | A-V fistula |  |  |  |  |  |  |
| 4920 | A-V graft |  |  |  |  |  |  |
| 4930 | Percutaneous-other access |  |  |  |  |  |  |
| 4940 | Revision, A-V access |  |  |  |  |  |  |
|  | **TOTAL VASCULAR – VASCULAR ACCESS** |  |  |  |  |  |  |
| **Vascular-Amputations** | | | | | | | |
| 4950 | Amputation, digit |  |  |  |  |  |  |
| 4955 | Amputation, transmetatarsal |  |  |  |  |  |  |
| 4960 | Amputation, below knee |  |  |  |  |  |  |
| 4970 | Amputation, above knee |  |  |  |  |  |  |
| 4980 | Amputation, upper extremity |  |  |  |  |  |  |
| 4990 | Amputation closure, revision |  |  |  |  |  |  |
|  | **TOTAL VASCULAR-AMPUTATIONS** |  |  |  |  |  |  |
| **Endocrine** | | | | | | | |
| 5010 | Thyroidectomy, partial or total |  |  |  |  |  |  |
| 5020 | Parathyroidectomy |  |  |  |  |  |  |
| 5030 | Adrenalectomy |  |  |  |  |  |  |
| 5040 | Pancreatic endocrine procedure |  |  |  |  |  |  |
| 5050 | Other major endocrine |  |  |  |  |  |  |
|  | **TOTAL ENDOCRINE** |  |  |  |  |  |  |
| **Hand** | | | | | | | |
| 5210 | Soft tissue repair/graft |  |  |  |  |  |  |
| 5220 | Tendon repair/transfer |  |  |  |  |  |  |
| 5230 | Nerve repair |  |  |  |  |  |  |
| 5240 | Vascular repair |  |  |  |  |  |  |
| 5250 | Replantation |  |  |  |  |  |  |
| 5260 | Other major hand |  |  |  |  |  |  |
|  | **TOTAL HAND** |  |  |  |  |  |  |
| **Thoracic** | | | | | | | |
| 5410 | Exploratory thoracotomy-open |  |  |  |  |  |  |
| 5412 | Exploratory thoracotomy w/ or w/o bx-thoracos |  |  |  |  |  |  |
| 5414 | Pleurodesis-thoracoscopic |  |  |  |  |  |  |
| 5415 | Repair diaphragmetic hernia |  |  |  |  |  |  |
| 5420 | Excision mediastinal tumor |  |  |  |  |  |  |
| 5425 | Pneumonectomy |  |  |  |  |  |  |
| 5430 | Lobectomy/segmental resection lung-open |  |  |  |  |  |  |
| 5432 | Lobectomy/segmental resection lung-thoracos |  |  |  |  |  |  |
| 5435 | Wedge resection lung-open |  |  |  |  |  |  |
| 5437 | Wedge resection lung-thoracoscopic |  |  |  |  |  |  |
| 5440 | Thoracic outlet decompression procedure |  |  |  |  |  |  |
| 5445 | Open drainage of empyema |  |  |  |  |  |  |
| 5450 | Pericardiectomy |  |  |  |  |  |  |
| 5455 | Pericardiectomy window for drainage-thoracoscopic |  |  |  |  |  |  |
| 5460 | Pacemaker insertion |  |  |  |  |  |  |
| 5470 | Cardiac procedures |  |  |  |  |  |  |
| 5474 | Sympathectomy, thoracolumbar-thoracoscopic |  |  |  |  |  |  |
| 5476 | Esophagomyotomy (Heller)-thoracoscopic |  |  |  |  |  |  |
| 5480 | Other major thoracic |  |  |  |  |  |  |
|  | **TOTAL THORACIC** |  |  |  |  |  |  |
| **Pediatric** | | | | | | | |
| 5610 | Herniorrhaphy, inguinal/umbilical |  |  |  |  |  |  |
| 5615 | Repair branchial cleft anomaly/thyroglossal duct cyst |  |  |  |  |  |  |
| 5620 | Repair deformity chest wall |  |  |  |  |  |  |
| 5625 | Repair diaphragmatic hernia |  |  |  |  |  |  |
| 5626 | Antireflux procedure-open (peds) |  |  |  |  |  |  |
| 5627 | Antireflux procedure-laparoscopic (peds) |  |  |  |  |  |  |
| 5630 | Repair esophageal atresia/tracheoesophageal fistula |  |  |  |  |  |  |
| 5635 | Repair intestinal atresia/stenosis |  |  |  |  |  |  |
| 5640 | Repair pyloric stenosis |  |  |  |  |  |  |
| 5645 | Operation for malrotation/intussuscept |  |  |  |  |  |  |
| 5650 | Procedure for meconium ileus/necrotizing enterocolitis |  |  |  |  |  |  |
| 5655 | Operations for Hirschsprung’s/imperfect anus |  |  |  |  |  |  |
| 5660 | Excise Wilms tumor/neuroblastoma |  |  |  |  |  |  |
| 5665 | Repair omphalocele/gastroschisis |  |  |  |  |  |  |
| 5670 | Repair of exstrophy |  |  |  |  |  |  |
| 5675 | Repair epi- and hypo-spadias |  |  |  |  |  |  |
| 5680 | Orchiopexy |  |  |  |  |  |  |
| 5690 | Other major pediatric |  |  |  |  |  |  |
|  | **TOTAL PEDIATRIC** |  |  |  |  |  |  |
| **Genitourinary** | | | | | | | |
| 5820 | Hydrocelectomy |  |  |  |  |  |  |
| 5825 | Cystostomy |  |  |  |  |  |  |
| 5830 | Cystectomy |  |  |  |  |  |  |
| 5840 | Nephrectomy (w/ donor nephrectomy see transplant) |  |  |  |  |  |  |
| 5880 | Ileal urinary conduit |  |  |  |  |  |  |
| 5890 | Other major genitourinary |  |  |  |  |  |  |
| 5892 | Other major genitourinary - laparoscopic basic |  |  |  |  |  |  |
| 5895 | Other major genitourinary- laparoscopic complex |  |  |  |  |  |  |
|  | **TOTAL GENITOURINARY** |  |  |  |  |  |  |
| **Gynecology** | | | | | | | |
| 5920 | Hysterectomy (all) |  |  |  |  |  |  |
| 5930 | Salpingo-oophorectomy |  |  |  |  |  |  |
| 5940 | Other major gynecology |  |  |  |  |  |  |
| 5950 | Other major gynecology - laparoscopic |  |  |  |  |  |  |
|  | **TOTAL GYNECOLOGY** |  |  |  |  |  |  |
| **Plastic** | | | | | | | |
| 6110 | Repair cleft lip/cleft palate |  |  |  |  |  |  |
| 6130 | Major reconstructive procedure |  |  |  |  |  |  |
| 6140 | Skin-grafting, non-burn (all) |  |  |  |  |  |  |
| 6150 | Composite tissue transfer |  |  |  |  |  |  |
| 6155 | Burn debridement and/or grafting |  |  |  |  |  |  |
| 6156 | Reduction and stabilization of maxillofacial fractures |  |  |  |  |  |  |
| 6160 | Other major plastic |  |  |  |  |  |  |
|  | **TOTAL PLASTIC** |  |  |  |  |  |  |
| **Nervous System** | | | | | | | |
| 6210 | Cranial decompression/exploration |  |  |  |  |  |  |
| 6260 | Other major nervous system |  |  |  |  |  |  |
|  | **TOTAL NERVOUS SYSTEM** |  |  |  |  |  |  |
| **Orthopaedic Surgery** | | | | | | | |
| 6310 | Open operations on bones or joints |  |  |  |  |  |  |
| 6340 | Arthroscopy |  |  |  |  |  |  |
| 6342 | Open reduction of open/closed fracture |  |  |  |  |  |  |
| 6348 | Closed reduction of fracture |  |  |  |  |  |  |
| 6350 | Other major orthopaedic surgery |  |  |  |  |  |  |
|  | **TOTAL ORTHOPAEDIC SURGERY** |  |  |  |  |  |  |
| **Organ Transplant** | | | | | | | |
| 6410 | Liver transplant |  |  |  |  |  |  |
| 6420 | Renal transplant |  |  |  |  |  |  |
| 6430 | Pancreas transplant |  |  |  |  |  |  |
| 6450 | Donor nephrectomy |  |  |  |  |  |  |
| 6460 | Donor hepatectomy |  |  |  |  |  |  |
| 6470 | En bloc abdominal organ retrieval |  |  |  |  |  |  |
| 6480 | Other major organ transplant |  |  |  |  |  |  |
|  | **TOTAL ORGAN TRANSPLANT** |  |  |  |  |  |  |
| **Trauma** | | | | | | | |
| 6605 | Drainage sub/extradural hematoma |  |  |  |  |  |  |
| 6615 | Esophageal trauma-closure/resection/exclusion |  |  |  |  |  |  |
| 6620 | Gastric trauma-closure/resection/exclusion |  |  |  |  |  |  |
| 6625 | Duodenal trauma-closure/resection/exclusion |  |  |  |  |  |  |
| 6630 | Small bowel trauma-closure/resection/exclusion |  |  |  |  |  |  |
| 6635 | Colon trauma-closure/resection/exclusion |  |  |  |  |  |  |
| 6645 | Neck exploratory for trauma |  |  |  |  |  |  |
| 6650 | Exploratory thoracotomy-open |  |  |  |  |  |  |
| 6655 | Exploratory thoracotomy-thoracoscopic |  |  |  |  |  |  |
| 6660 | Exploratory laparotomy-open |  |  |  |  |  |  |
| 6665 | Exploratory laparotomy-laparoscopic |  |  |  |  |  |  |
| 6670 | Splenectomy/splenorrhaphy-open |  |  |  |  |  |  |
| 6680 | Repair/drainage hepatic lacerations-open |  |  |  |  |  |  |
| 6690 | Hepatic resection for injury |  |  |  |  |  |  |
| 6700 | Drainage pancreatic injury |  |  |  |  |  |  |
| 6710 | Resection of pancreatic injury |  |  |  |  |  |  |
| 6720 | Closed reduction of fracture |  |  |  |  |  |  |
| 6750 | Debride/suture major wounds |  |  |  |  |  |  |
| 6760 | Repair bladder injury |  |  |  |  |  |  |
| 6770 | Repair ureteral injury |  |  |  |  |  |  |
| 6780 | Repair/resection for kidney trauma |  |  |  |  |  |  |
| 6800 | Repair thoracic aorta, innominate, subclavian |  |  |  |  |  |  |
| 6810 | Repair of carotid or other major neck vessels |  |  |  |  |  |  |
| 6820 | Repair of abdominal aorta or vena cava |  |  |  |  |  |  |
| 6830 | Repair peripheral vessels |  |  |  |  |  |  |
| 6840 | Fasciotomy for injury |  |  |  |  |  |  |
| 6850 | Repair other major vascular injury |  |  |  |  |  |  |
| 6860 | Management cardiac injury |  |  |  |  |  |  |
| 6890 | Other major trauma |  |  |  |  |  |  |
|  | **TOTAL TRAUMA** |  |  |  |  |  |  |
| **Endoscopy (Not for Major Credit)** | | | | | | | |
| 7205 | Laryngoscopy |  |  |  |  |  |  |
| 7210 | Bronchoscopy |  |  |  |  |  |  |
| 7220 | Sclerotherapy/banding esophageal varices |  |  |  |  |  |  |
| 7230 | Esophago-gastroduodenoscopy |  |  |  |  |  |  |
| 7240 | Percutaneous endoscopic gastrostomy (peg) |  |  |  |  |  |  |
| 7250 | Endoscopic retrograde cholangiopancreatography (ERCP) w/ or w/o papillotomy |  |  |  |  |  |  |
| 7260 | Sigmoidoscopy, rigid/flexible |  |  |  |  |  |  |
| 7270 | Flexible colonoscopy w/ or w/o bx/polypectomy |  |  |  |  |  |  |
| 7280 | Choledochoscopy |  |  |  |  |  |  |
| 7285 | Cysto/urethroscopy |  |  |  |  |  |  |
| 7290 | Other endoscopy |  |  |  |  |  |  |
|  | **TOTAL ENDOSCOPY** |  |  |  |  |  |  |
| **Miscellaneous (Not for Major Credit)** | | | | | | | |
| 7410 | Removal skin moles, small tumors, etc. |  |  |  |  |  |  |
| 7420 | Removal subcutaneous small tumors, cysts, fbs |  |  |  |  |  |  |
| 7430 | Repair minor wounds and grafts |  |  |  |  |  |  |
| 7450 | Banding/incision thrombosed hemorrhoid |  |  |  |  |  |  |
| 7465 | Endorectal ultrasound [miscellaneous] |  |  |  |  |  |  |
| 7470 | Other procedures (oth) |  |  |  |  |  |  |
|  | **TOTAL MISCELLANEOUS** |  |  |  |  |  |  |
| **Patient Care (Not for Major Credit)** | | | | | | | |
| 8310 | Non-operative trauma |  |  |  |  |  |  |
| **Surgical Critical Care Patient Management** | | | | | | | |
| 8410 | Ventilatory Management: >24hrs on Ventilator |  |  |  |  |  |  |
| 8420 | Bleeding: non-trauma patient > 3 units |  |  |  |  |  |  |
| 8430 | Hemodynamic instability: requiring inotrope/pressor |  |  |  |  |  |  |
| 8440 | Organ dysfunction: renal, hepatic, cardiac |  |  |  |  |  |  |
| 8450 | Dysrhythmias: requiring drug management |  |  |  |  |  |  |
| 8460 | Invasive line, manage/monitor: swan, arterial, etc. |  |  |  |  |  |  |
| 8470 | Parenteral/enteral nutrition |  |  |  |  |  |  |
|  | **TOTAL - SURGICAL CRITICAL CARE PATIENT MANAGEMENT** |  |  |  |  |  |  |
|  | **Critical Care (Not for Major Credit)** |  |  |  |  |  |  |
| 8510 | Critical care other |  |  |  |  |  |  |
| **Ophthalmology (Not for Major Credit)** | | | | | | | |
| 9020 | Ophthalmology |  |  |  |  |  |  |
| **Otolaryngology (Not for Major Credit)** | | | | | | | |
| 9030 | Otolaryngology |  |  |  |  |  |  |
| **Urology (Not for Major Credit)** | | | | | | | |
| 9050 | Urology |  |  |  |  |  |  |
| **Neurological Surgery (Not for Major Credit)** | | | | | | | |
| 9060 | Neurological surgery |  |  |  |  |  |  |
| **Gynecology (Not for Major Credit)** | | | | | | | |
| 9070 | Gynecology |  |  |  |  |  |  |
| **Radiology (Not for Major Credit)** | | | | | | | |
| 9080 | Radiology |  |  |  |  |  |  |
| **Ultrasound (Not for Major Credit)** | | | | | | | |
| 9110 | Miscellaneous Ultrasound |  |  |  |  |  |  |
| **Trauma (Not for Major Credit)** | | | | | | | |
| 9210 | Other Trauma |  |  |  |  |  |  |
|  | **Total Major Operations** |  |  |  |  |  |  |
|  | **Total Endoscopy** |  |  |  |  |  |  |
|  | **Total Miscellaneous** |  |  |  |  |  |  |
|  | **Total Endovascular Diagnostic** |  |  |  |  |  |  |
|  | **Total Patient Care: (Non-operative Trauma)** |  |  |  |  |  |  |

Required minimum numbers for procedures for graduating residents are listed here:

|  |  |
| --- | --- |
| **Category** | **Minimum** |
| Skin, Soft Tissue, Breast | 25 |
| Head and Neck | 24 |
| Alimentary Tract | 72 |
| Abdominal | 65 |
| Liver | 4 |
| Pancreas | 3 |
| Vascular | 44 |
| Endocrine | 8 |
| Operative Trauma | 10 |
| Non-operative Trauma | 20 |
| Thoracic | 15 |
| Pediatrics | 20 |
| Plastic | 5 |
| Laparoscopic, basic | 60 |
| Laparoscopic, complex | 25 |
| Total endoscopy, including | 85 |
| Endoscopy, upper | 35 |
| Colonoscopy | 50 |
| **Total Major Cases, including:** | **750** |
| **Chief Year Major Cases** | **150** |