



## Y83–Y84 Inclusion List

The following tables are a guide for the consistent assignment of interventions to subcategories in Y83 and Y84. They include examples of interventions classified to each subcategory. Each coder is responsible for keeping this list updated based on answers to coding questions found in eQuery, for interventions that are not already included on this list.

**Y83 Surgical operation and other surgical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure**

Code	Use of this subcategory	Includes
<b>Y83.0 Surgical operation with transplant of whole organ or tissue</b>	This subcategory includes any whole or partial organ or tissue transplant. “Transplant” is the keyword.	<ul style="list-style-type: none"> <li>• Bone marrow transplant</li> <li>• Corneal transplant (including lamellar corneal transplant)</li> <li>• Heart transplant</li> <li>• Heart valve replacements, all natural (see Y83.1 for artificial valves)</li> <li>• Kidney transplant</li> <li>• Lobes of organs</li> <li>• Stem cell transplant</li> </ul>
<b>Y83.1 Surgical operation with implant of artificial internal device</b>	This subcategory includes all interventions that employ any artificial internal device. The keywords are “artificial,” “internal” and “device.” Internal means completely internal.	<ul style="list-style-type: none"> <li>• Artificial organs</li> <li>• Central venous catheter (CVC) that is totally implanted (e.g., Port-a-Cath) (see Y84.8 for CVCs that are not totally implanted)</li> <li>• Heart valve replacements, artificial (all artificial or combination of artificial and natural [stented]) (see Y83.0 for all natural valves)</li> <li>• Infusion pumps (systems) (e.g., Baclofen, insulin)</li> <li>• Joint replacement prostheses (e.g., TKR, THR)</li> <li>• Orthopedic internal fixation devices (e.g., screws, pins, nails) and implants (to fill a bony defect [e.g., cranioplasty plate]) (see Y83.8 for external orthopedic devices)</li> <li>• Other prostheses (e.g., breast implant, ossicular prosthesis)</li> <li>• Pacemakers, defibrillators and cardiac resynchronization therapy devices (includes leads) (see Y84.8 for temporary pacemaker)</li> <li>• Shunts (shunt systems) employing artificial devices (e.g., catheters, pumps) (e.g., VP shunt, Transjugular Intrahepatic Portosystemic Shunt [TIPS]) (see also Y83.2)</li> </ul>



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Code	Use of this subcategory	Includes
<b>Y83.1 Surgical operation with implant of artificial internal device (continued)</b>	This subcategory includes all interventions that employ any artificial internal device. The keywords are “artificial,” “internal” and “device.” Internal means completely internal. (continued)	<ul style="list-style-type: none"> <li>• Slings (e.g., eyelid [Silastic rods], vaginal [TVT])</li> <li>• Stents (e.g., tear [lacrimal] duct, coronary artery [PTCA with stent], bile duct, nasal)</li> <li>• Tubes (e.g., myringotomy/tympanostomy tubes)</li> </ul> <p><b>Other</b></p> <ul style="list-style-type: none"> <li>• Dental implants</li> <li>• Gastroplasty band(ing system)</li> <li>• Intraocular lens</li> </ul>
<b>Y83.2 Surgical operation with anastomosis, bypass or graft</b>	This subcategory includes any intervention involving anastomosis, bypass or graft, including those that employ artificial or natural tissue. The keywords are “anastomosis,” “bypass” and “graft.” Excludes with stoma formation (Y83.3).	<ul style="list-style-type: none"> <li>• Augmentation, with natural or synthetic tissue (e.g., Contigen, Macroplastique, silicone) with device Y83.1</li> <li>• Bypasses (e.g., CABG, gastric bypass, bypass for PVD [saphenous vein graft] [e.g., aortobifemoral, iliofemoral])</li> <li>• Grafts (autograft, homograft, xenograft) (patch grafts, tube grafts) (flaps — local, free, pedicled) (artificial, natural) (e.g., skin, ligament [ACL], repair AAA, TRAM)</li> <li>• Hemodialysis access (creation AV fistula [radiocephalic — wrist; brachiocephalic or brachiobasilic — upper arm])</li> <li>• Removal organ with anastomosis (e.g., hemicolectomy with colocoloanastomosis, partial gastrectomy with Billroth II, esophagectomy with cervicogastric anastomosis)</li> <li>• Shunts without artificial devices (e.g., Sano shunt [consists of a Gore-Tex tube graft between the right ventricle and the pulmonary arteries]) (see also Y83.1)</li> <li>• Surgically constructed reservoirs (e.g., neobladder, pelvic pouch)</li> </ul> <p><b>Other</b></p> <ul style="list-style-type: none"> <li>• Bladder neck fixation using fascia as a sling</li> <li>• Dacryocystorhinostomy</li> <li>• Mesh (e.g., hernia repair with mesh)</li> <li>• Trabeculectomy</li> </ul>
<b>Y83.3 Surgical operation with formation of external stoma</b>	This subcategory includes all interventions that result in the formation of an external stoma. Complications of catheters used with these stomas are included here unless the catheter has a defect or has broken (Y70–Y82).	<ul style="list-style-type: none"> <li>• Anastomosis, bypass or graft with formation of external stoma (e.g., neobladder with stoma)</li> <li>• Percutaneous ostomies (e.g., gastrostomy [PEG tube])</li> <li>• Reconstructive surgery with formation of external stoma</li> <li>• Removal of organ with formation of external stoma (e.g., Hartmann’s procedure)</li> <li>• Temporary and permanent stomas</li> </ul>



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Code	Use of this subcategory	Includes
<b>Y83.4 Other reconstructive surgery</b>	This subcategory includes reconstructive, restorative and plastic procedures that do not involve implant of an artificial internal device (Y83.1); anastomosis, bypass or graft (Y83.2); or formation of external stoma (Y83.3).	<ul style="list-style-type: none"> <li>• A &amp; P repair</li> <li>• Cleft lip and palate repair</li> <li>• Hypospadias repair</li> <li>• Lift surgery (e.g., blepharoplasty, eyebrow lift)</li> <li>• Nasal septum reconstruction (e.g., septoplasty, SMR)</li> <li>• Nissen fundoplication</li> <li>• Reduction (size reduction) (e.g., breast reduction, abdominoplasty)</li> <li>• Repair of hernia with simple closure (with mesh Y83.2)</li> </ul>
<b>Y83.5 Amputation of limb(s)</b>	This subcategory includes surgical amputations of limbs — partial and complete, and revisions of (surgical) (traumatic) amputations.	<ul style="list-style-type: none"> <li>• BKA</li> <li>• Amputation of finger (partial) (revision)</li> <li>• Amputation of foot</li> </ul>
<b>Y83.6 Removal of other organ (partial) (total)</b>	This subcategory includes removal of organs — partial and total — that do not involve transplant (Y83.0); implant of an artificial internal device (Y83.1); anastomosis, bypass or graft (Y83.2); or formation of external stoma (Y83.3).	<ul style="list-style-type: none"> <li>• Excision of lesion (includes bunionectomy)</li> <li>• Excisional biopsies</li> <li>• Extractions (e.g., nail, tooth)</li> <li>• Procurement of tissue</li> <li>• Removal of organ (partial) (total) (e.g., appendectomy, cholecystectomy, circumcision, hysterectomy, mandibulectomy, mastoidectomy, parathyroidectomy, pneumonectomy, tonsillectomy)</li> <li>• Resection of tissue (e.g., resection brain tumour, EMR [esophageal mucosal resection], TURB)</li> </ul>
<b>Y83.8 Other surgical procedures</b>	This subcategory includes any surgical intervention that does not involve any type of intervention assigned to one of the specific subcategories.	<ul style="list-style-type: none"> <li>• Angioplasties (dilation) (see Y83.1 for with stent placement)</li> <li>• Banding (e.g., esophageal varices)</li> <li>• Biopsies, for example, needle lung biopsy, incisional biopsies (all forms except excisional [Y83.6])</li> <li>• Control of bleeding</li> <li>• Debridements</li> <li>• Destructions (e.g., root canal, endometrial ablation, [YAG] laser capsulotomy)</li> <li>• Dilation (e.g., hydrodilatation of bladder) (see also Angioplasties)</li> <li>• Embolization (for control of bleeding or occlusion)</li> <li>• Endarterectomy (atherectomy) (no tissue or device used) (e.g., carotid endarterectomy, coronary artery atherectomy)</li> <li>• Endoscopies with or without biopsy (e.g., cystoscopy, colonoscopy with biopsy) Note: Endoscopies with a therapeutic intervention are assigned to the appropriate surgical subcategory (e.g., endoscopic stent placement Y83.1)</li> <li>• Incision and drainage (I &amp; D)</li> <li>• Lysis adhesions</li> </ul>



Code	Use of this subcategory	Includes
<b>Y83.8 Other surgical procedures (continued)</b>	This subcategory includes any surgical intervention that does not involve any type of intervention assigned to one of the specific subcategories. (continued)	<ul style="list-style-type: none"> <li>• Orthopedic external fixation devices (e.g., percutaneous external fixator, halo fixation device)</li> <li>• Release procedures (e.g., plantar fasciotomy, carpal tunnel repair, spinal decompression)</li> <li>• Repairs with simple closure (e.g., suture laceration, repair tendon tear)</li> <li>• Tubal ligation</li> <li>• Vasectomy</li> <li>• Vitrectomy</li> </ul>
<b>Y83.9 Surgical procedure, unspecified</b>	This subcategory is used when there is no documentation of the type of surgical intervention performed and when multiple types of surgical interventions are performed and none are known to be directly attributed to the post-intervention condition.	n/a

## Y84 Other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure

Code	Use of this subcategory	Includes
<b>Y84.0 Cardiac catheterization</b>	This subcategory includes diagnostic cardiac catheterizations only. Cardiac catheterizations with therapeutic interventions are assigned to the appropriate surgical subcategory (e.g., PTCA with stent Y83.1).	<ul style="list-style-type: none"> <li>• Cardiac catheterization, diagnostic</li> <li>• Coronary angiography</li> </ul>
<b>Y84.1 Kidney dialysis</b>	This subcategory includes all forms of kidney dialysis as a procedure and the catheters employed unless the catheter has a defect or has broken (Y70–Y82).	<ul style="list-style-type: none"> <li>• Hemodialysis</li> <li>• Peritoneal dialysis</li> </ul>
<b>Y84.2 Radiological procedure and radiotherapy</b>	This subcategory includes diagnostic radiological (diagnostic imaging) procedures and radiotherapy only. Radiological procedures with a therapeutic intervention are assigned to the appropriate surgical subcategory (e.g., ERCP with bile duct stent placement [Y83.1]).	<ul style="list-style-type: none"> <li>• Brachytherapy</li> <li>• ERCP, diagnostic</li> <li>• Mammogram</li> <li>• Radiation (irradiation) (radiotherapy)</li> <li>• Retrograde pyelogram (includes cystoscopy as part of this intervention)</li> </ul>



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Code	Use of this subcategory	Includes
<b>Y84.30 Electroconvulsive therapy</b>	This subcategory includes ECT (of brain) only.	<ul style="list-style-type: none"> <li>• Electroshock therapy</li> </ul>
<b>Y84.38 Other shock therapy</b>	This subcategory includes all forms of shock therapy other than ECT.	<ul style="list-style-type: none"> <li>• Cardioversion</li> <li>• Extracorporeal shock wave therapy</li> <li>• Insulin shock therapy</li> </ul>
<b>Y84.4 Aspiration of fluid</b>	This subcategory includes one-time aspiration of fluids for drainage or diagnostic purposes.	<ul style="list-style-type: none"> <li>• Paracentesis</li> <li>• Spinal tap/lumbar puncture</li> <li>• Thoracentesis</li> </ul>
<b>Y84.5 Insertion of gastric or duodenal sound</b>	This subcategory is specific to the use of gastric or duodenal sounds.	<ul style="list-style-type: none"> <li>• Insertion of gastric or duodenal sound</li> </ul>
<b>Y84.6 Urinary catheterization</b>	This subcategory includes urinary catheterization as a procedure and the catheter itself unless the catheter has a defect or has broken (Y70–Y82).	<ul style="list-style-type: none"> <li>• Urinary catheterization (Foley insertion) (indwelling catheter) (suprapubic catheterization [Y84.8])</li> </ul>
<b>Y84.7 Blood-sampling</b>	This subcategory includes blood sampling for diagnostic purposes only.	<ul style="list-style-type: none"> <li>• Blood sampling</li> </ul>
<b>Y84.8 Other medical procedures</b>	This subcategory includes all medical interventions that do not involve any type of intervention assigned to one of the specific medical or surgical subcategories. This subcategory excludes adverse effects from drugs and other products that are introduced into the body (see Table of Drugs and Chemicals) and devices that have a defect or have broken (Y70–Y82).	<ul style="list-style-type: none"> <li>• Blood donor procedure</li> <li>• Blood transfusion procedure</li> <li>• Casts</li> <li>• Central venous catheters (CVC) that are not totally implanted (e.g., permacath, PICC, subclavian line) (see Y83.1 for totally implanted CVC)</li> <li>• Chiropractic manipulation</li> <li>• CPR</li> <li>• Extracorporeal circulation (e.g., extracorporeal membrane oxygenation [ECMO], cardiopulmonary bypass [CPB])</li> <li>• Hypothermia (medically induced)</li> <li>• Infusion procedure</li> <li>• Injection procedure</li> <li>• Intubation (anesthetic)</li> <li>• IUD insertion</li> <li>• IVs</li> <li>• Nasal packing</li> <li>• Pacemaker, temporary (see Y83.1 for permanent pacemaker)</li> <li>• Reattachments</li> <li>• Suprapubic catheterization</li> </ul>



# Job Aid

Code	Use of this subcategory	Includes
<b>Y84.8 Other medical procedures (continued)</b>	This subcategory includes all medical interventions that do not involve any type of intervention assigned to one of the specific medical or surgical subcategories. This subcategory excludes adverse effects from drugs and other products that are introduced into the body (see Table of Drugs and Chemicals) and devices that have a defect or have broken (Y70–Y82). (continued)	<ul style="list-style-type: none"> <li>• TPN</li> <li>• Transcranial magnetic stimulation</li> <li>• Tubes (e.g., chest tube, tracheal [ventilator] tube, Hemovac drain [collection system])</li> <li>• Vaccination procedure</li> <li>• Ventilation therapy</li> </ul>
<b>Y84.9 Medical procedure, unspecified</b>	This subcategory includes cases where there is no documentation of the type of medical intervention performed or when two or more medical interventions are performed and it is unclear which intervention is attributable to the post-intervention condition.	n/a



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