

Medical and Surgical Section

Section Value 0

Character 1 Section	Character 2 Body System	Character 3 Root Operation
Character 4 Body Part	Character 5 Approach	Character 6 Device
Character 7 Qualifier		

Root Operations

Alteration	Inspection
Bypass	Map
Change	Occlusion
Control	Reattachment
Creation	Release
Destruction	Removal
Detachment	Repair
Dilation	Replacement
Division	Reposition
Drainage	Resection
Excision	Restriction
Extirpation	Revision
Extraction	Supplement
Fragmentation	Transfer
Fusion	Transplantation
Insertion	

Obstetrics

Section Value 1

Character 1 Section	Character 2 Body System	Character 3 Root Operation
Character 4 Body Part	Character 5 Approach	Character 6 Device
Character 7 Qualifier		

Root Operations:

Abortion	Inspection
Change	Removal
Delivery	Repair
Drainage	Reposition
Extraction	Resection
Insertion	Transplantation

Examples: Manually assisted delivery, laparoscopy with total excision of tubal pregnancy

Placement

Section Value 2

Character 1 Section	Character 2 Body System	Character 3 Root Operation
Character 4 Body Region	Character 5 Approach	Character 6 Device
Character 7 Qualifier		

Root Operations:

Change Packing
Compression Removal
Dressing Traction
Immobilization

Examples: Application of sterile dressing, change of vaginal packing

Administration

Section Value 3

Character 1 Section	Character 2 Body System	Character 3 Root Operation
Character 4 Body System/ Region	Character 5 Approach	Character 6 Substance
Character 7 Qualifier		

Root Operations:

Introduction
Irrigation
Transfusion

Examples: Epidural injection of steroid, peritoneal dialysis through indwelling catheter

Measurement and Monitoring

Section Value 4

Character 1

Section

Character 2

Body System

Character 3

Root Operation

Character 4

Body System

Character 5

Approach

Character 6

Function/ Device

Character 7

Qualifier

Root Operations:

Measurement

Monitoring

Examples: Holter monitoring, transvaginal fetal heart rate monitoring

Extracorporeal Assistance and Performance

Section Value 5

Character 1

Section

Character 2

Body System

Character 3

Root Operation

Character 4

Body System

Character 5

Duration

Character 6

Function

Character 7

Qualifier

Root Operations:

Assistance

Performance

Restoration

Examples: Controlled mechanical ventilation, cardiopulmonary bypass in conjunction with CABG

Extracorporeal Therapies

Section Value 6

Character 1

Section

Character 2

Body System

Character 3

Root Operation

Character 4

Body System

Character 5

Duration

Character 6

Qualifier

Character 7

Qualifier

Root Operations:

Atmospheric Control	Phototherapy
Decompression	Shock Wave Therapy
Electromagnetic Therapy	Ultrasound Therapy
Hyperthermia	Ultraviolet Light Therapy
Hypothermia	
Pheresis	

Examples: Plasmapheresis, whole body hyperthermia

Osteopathic

Section Value 7

Character 1

Section

Character 2

Body System

Character 3

Root Operation

Character 4

Body Region

Character 5

Approach

Character 6

Method

Character 7

Qualifier

Root Operations:

Treatment

Examples: Indirect osteopathic treatment of pelvis, isotonic muscle energy treatment

Other Procedures

Section Value 8

Character 1 Section	Character 2 Body System	Character 3 Root Operation
Character 4 Body Region	Character 5 Approach	Character 6 Method
Character 7 Qualifier		

Root Operations:

Other Procedures

Examples: Robotic-assisted open prostatectomy, CT computer-assisted sinus surgery

Chiropractic

Section Value 9

Character 1 Section	Character 2 Body System	Character 3 Root Operation
Character 4 Body Region	Character 5 Approach	Character 6 Method
Character 7 Qualifier		

Root Operations:

Manipulation

Examples: Chiropractic treatment of lumbar region using short lever specific contact, chiropractic extra-articular treatment of knees

Imaging

Section Value B

Character 1 Section	Character 2 Body System	Character 3 Root Type
Character 4 Body System	Character 5 Contrast	Character 6 Qualifier
Character 7 Qualifier		

Root Types:

Computerized Tomography
Fluoroscopy
Magnetic Resonance Imaging
Plain Radiography
Ultrasonography

Examples: Chest x-ray, transrectal ultrasound of prostate gland

Nuclear Medicine

Section Value C

Character 1 Section	Character 2 Body System	Character 3 Root Type
Character 4 Body Region	Character 5 Radionuclide	Character 6 Qualifier
Character 7 Qualifier		

Root Types:

Nonimaging Nuclear Medicine Assay
Nonimaging Nuclear Medicine Probe
Nonimaging Nuclear Medicine Uptake
Planar Nuclear Medicine Imaging
Positron Emission Tomographic Imaging
Systemic Nuclear Medicine Therapy
Tomographic Nuclear Medicine Imaging

Examples: PET scan of myocardium using rubidium and dobutamine, gallium citrate scan of head and neck

Radiation Oncology

Section Value D

Character 1 Section	Character 2 Body System	Character 3 Root Type
Character 4 Treatment Site	Character 5 Modality Qualifier	Character 6 Isotope
Character 7 Qualifier		

Root Types:

Beam Radiation
 Brachytherapy
 Stereotactic Radiosurgery
 Other Radiation

Examples: Electron radiation treatment of breast, heavy particle radiation treatment of pancreas

Physical Rehabilitation and Diagnostic Audiology

Section Value F

Character 1 Section	Character 2 Section Qualifier	Character 3 Root Type
Character 4 Body System/Region	Character 5 Type Qualifier	Character 6 Equipment
Character 7 Qualifier		

Root Types:

Activities of Daily Living Assessment	Hearing Treatment
Activities of Daily Living Treatment	Motor and/or Nerve Function Assessment
Caregiver Training	Motor Treatment
Cochlear Implant Treatment	Speech Assessment
Device Fitting	Speech Treatment
Hearing Aid Assessment	Vestibular Assessment
Hearing Assessment	Vestibular Treatment

Examples: Wound care treatment of calf ulcer using pulsatile lavage, individual fitting of movable knee brace

Mental Health

Section Value G

Character 1

Section

Character 2

Body
System

Character 3

Root
Type

Character 4

Type
Qualifier

Character 5

Qualifier

Character 6

Qualifier

Character 7

Qualifier

Root Types:

Biofeedback	Hypnosis
Counseling	Individual Psychotherapy
Crisis Intervention	Light Therapy
Electroconvulsive Therapy	Medication Management
Family Psychotherapy	Narcosynthesis
Group Psychotherapy	Psychological Tests

Examples: Crisis intervention for patient with severe mental disability, family psychotherapy with patient present

Substance Abuse Treatment

Section Value H

Character 1

Section

Character 2

Body
System

Character 3

Root
Type

Character 4

Type
Qualifier

Character 5

Qualifier

Character 6

Qualifier

Character 7

Qualifier

Root Types:

Detoxification Services	Individual Psychotherapy
Family Counseling	Medication Management
Group Counseling	Pharmacotherapy
Individual Counseling	

Examples: Substance abuse treatment planning, pharmacology treatment with Antabuse for drug addiction

Alteration (0)



Definition: Modifying the natural anatomic structure of a body part without affecting the function of the body part

Objective: Modifying body part for cosmetic purposes without affecting function

Site of procedure: Some/all of a body part

Examples: Face lift, breast augmentation

Open (0)



Definition: Cutting through the skin or mucous membrane and any other body layers necessary to expose the site of the procedure

Access Location: Skin or mucous membrane, any other body layers

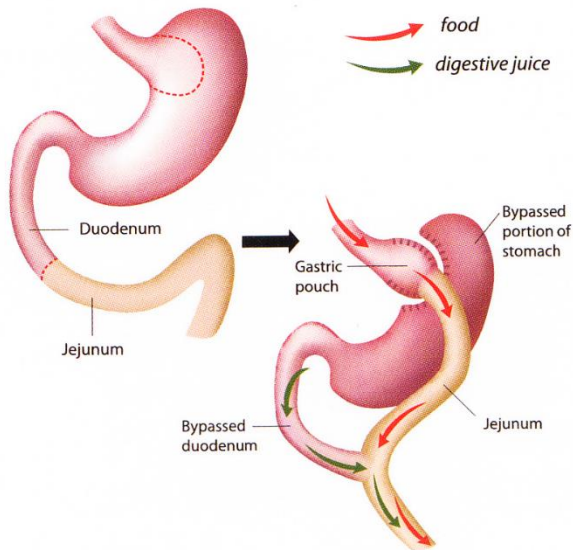
Method: Cutting

Type of Instrumentation: None

Examples: Open CABG, open endarterectomy, abdominal hysterectomy

Bypass (1)

Roux-en-Y Gastric Bypass (RNY)



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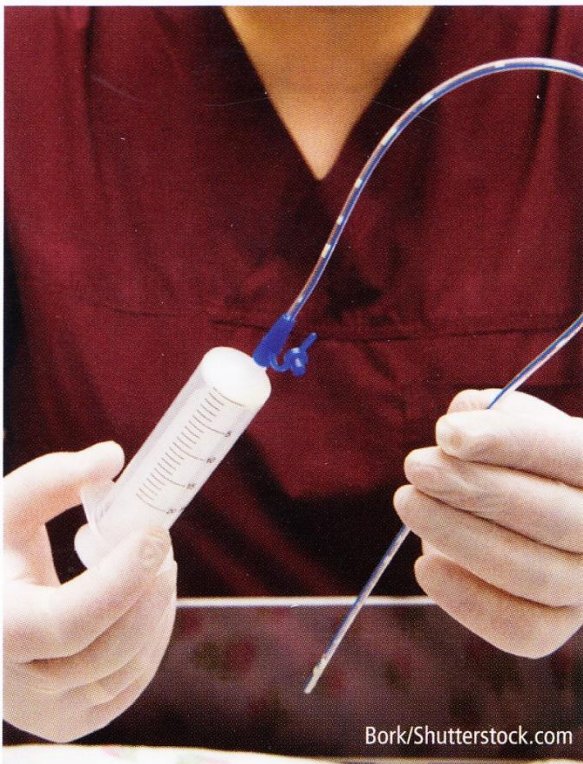
Definition: Altering the route of passage of the contents of a tubular body part

Objective: Altering route of passage

Site of procedure: Tubular body part

Examples: CABG, colostomy formation

Change (2)



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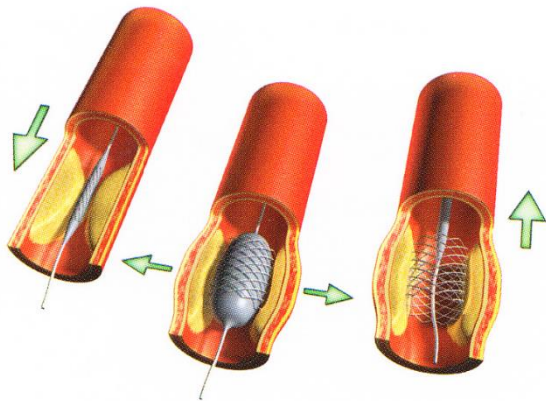
Definition: Taking out or off a device from a body part and putting back an identical or similar device in or on the same body part without cutting or puncturing the skin or mucous membrane

Objective: Exchanging device without cutting/puncturing

Site of procedure: In/on a body part

Examples: Drainage tube change, urinary catheter change, gastrostomy tube change

Percutaneous (3)



Definition: Entry, by puncture or minor incision, of instrumentation through the skin or mucous membrane and any other body layers necessary to reach the site of the procedure

Access Location: Skin or mucous membrane, any other body layers

Method: Puncture or minor incision

Type of Instrumentation: Without visualization

Examples: Liposuction, percutaneous drainage of ascites, needle biopsy of liver

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Control (3)



Definition: Stopping, or attempting to stop, postprocedural bleeding

Objective: Stopping/attempting to stop postprocedural bleed

Site of procedure: Anatomical region

Examples: Post-prostatectomy bleeding control, control of post-tonsillectomy hemorrhage

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Creation (4)



Definition: Making a new genital structure that does not physically take the place of a body part

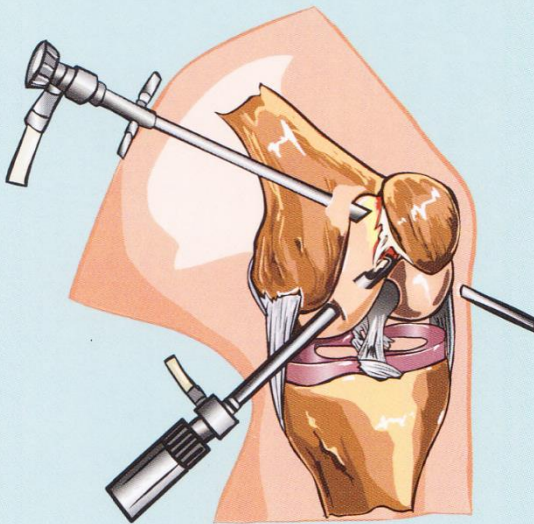
Objective: Making a new structure for sex change operation

Site of procedure: Perineum

Examples: Artificial vagina/penis

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Percutaneous Endoscopic (4)



Definition: Entry, by puncture or minor incision, of instrumentation through the skin or mucous membrane and any other body layers necessary to reach and visualize the site of the procedure

Access Location: Skin or mucous membrane, any other body layers

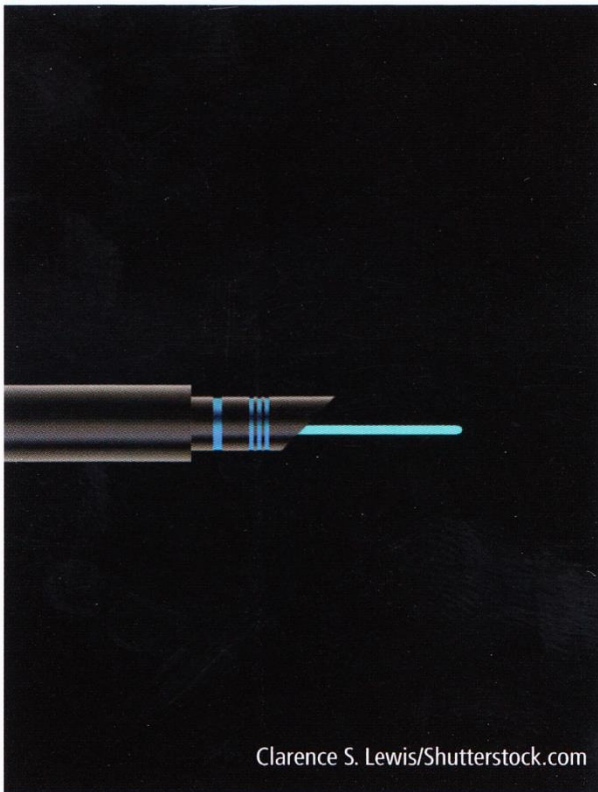
Method: Puncture or minor incision

Type of Instrumentation: With visualization

Examples: Laparoscopic cholecystectomy, endoscopic drainage of sinus, knee arthroscopy

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Destruction (5)



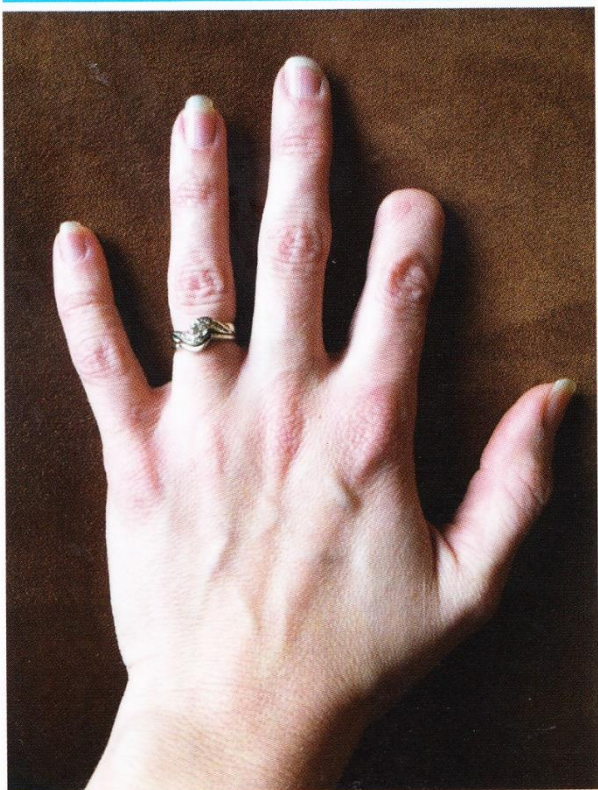
Definition: Physical eradication of all or a portion of a body part by the direct use of energy, force, or a destructive agent

Objective: Eradicating without replacement

Site of procedure: Some or all of a body part

Examples: Fulguration of endometrium, fulguration of rectal polyp, cautery of skin lesion

Detachment (6)



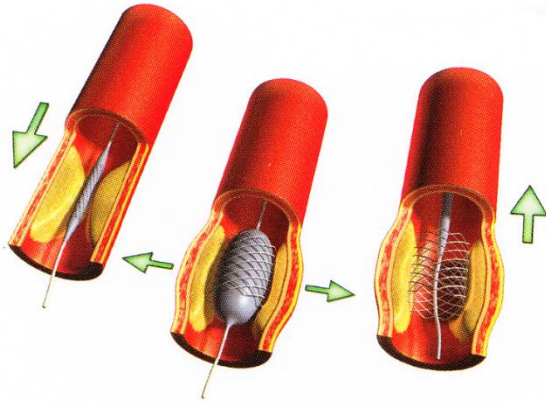
Definition: Cutting off all or part of the upper or lower extremities

Objective: Cutting off without replacement

Site of procedure: Extremity only, any level

Examples: Amputation above knee, below-knee amputation, disarticulation of shoulder

Dilation (7)



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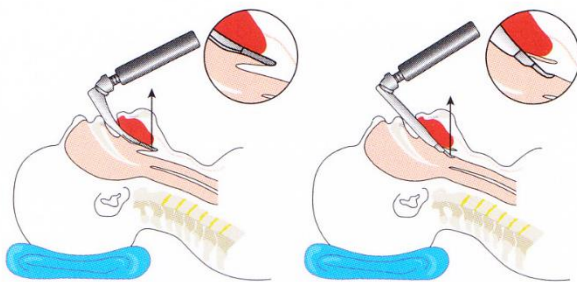
Definition: Expanding an orifice or the lumen of a tubular body part

Objective: Expanding orifice/lumen

Site of procedure: Tubular body part

Examples: PTCA, pyloromyotomy

Via Natural or Artificial Opening (7)



Definition: Entry of instrumentation through a natural or artificial external opening to reach the site of the procedure

Access Location: Natural or artificial external opening

Method: Direct entry

Type of Instrumentation: Without visualization

Examples: Foley catheter placement, digital rectal exam, endotracheal intubation

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Division (8)



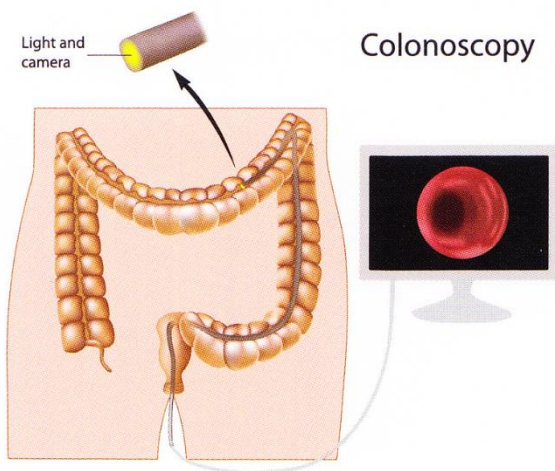
Definition: Cutting into a body part without draining fluids and/or gases from the body part in order to separate or transect a body part

Objective: Cutting into/ separating a body part

Site of procedure: Within a body part

Examples: Neurotomy, spinal cordotomy, osteotomy

Via Natural or Artificial Opening Endoscopic (8)



Definition: Entry of instrumentation through a natural or artificial external opening to reach and visualize the site of the procedure

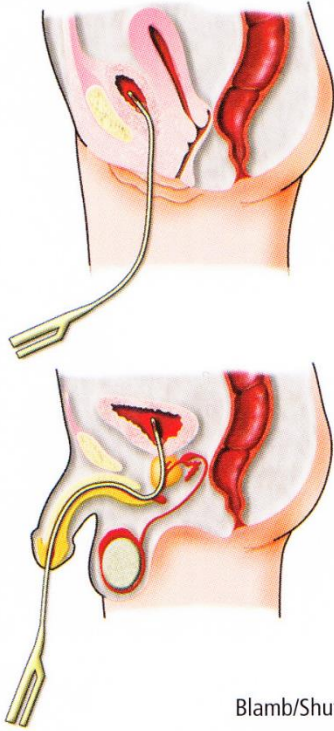
Access Location: Natural or artificial external opening

Method: Direct entry with puncture or minor incision for instrumentation only

Type of Instrumentation: With visualization

Examples: Endoscopic ERCP, hysteroscopy, colonoscopy

Drainage (9)



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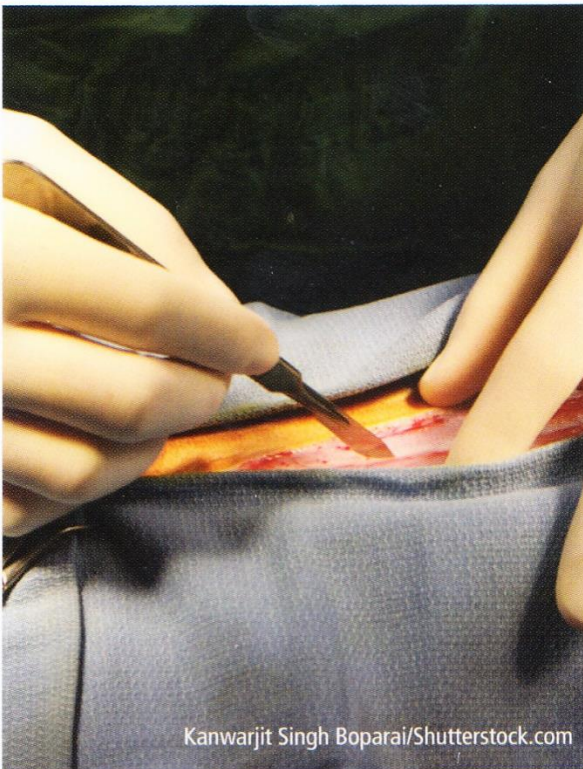
Definition: Taking or letting out fluids and/or gases from a body part

Objective: Taking/letting out fluids/gases

Site of procedure: Within a body part

Examples: Incision and drainage, thoracentesis

Excision (B)



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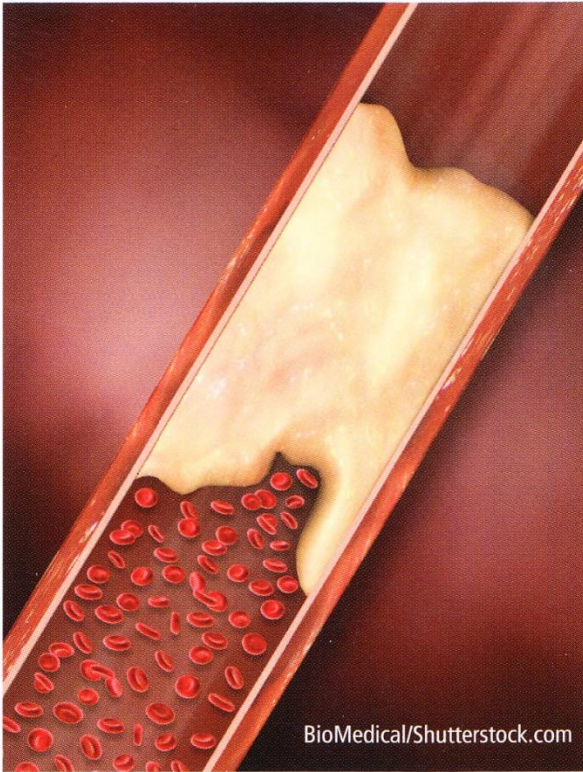
Definition: Cutting out or off, without replacement, a portion of a body part

Objective: Cutting out/off without replacement

Site of procedure: Some of a body part

Examples: Breast lumpectomy, partial nephrectomy, liver biopsy

Extirpation (C)



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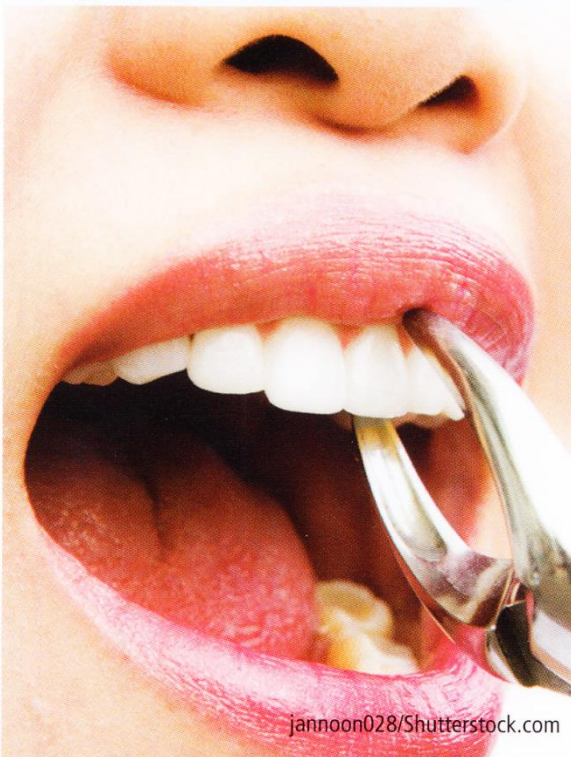
Definition: Taking or cutting out solid matter from a body part

Objective: Taking/cutting out solid matter

Site of procedure: Within a body part

Examples: Thrombectomy, endarterectomy, choledocholithotomy

Extraction (D)



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Definition: Pulling or stripping out or off all or a portion of the body part by the use of force

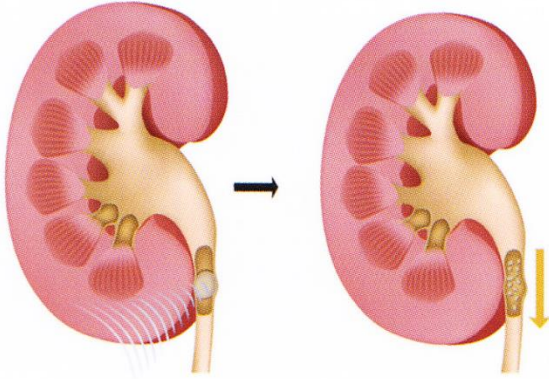
Objective: Pulling out or off without replacement

Site of procedure: Some or all of a body part

Examples: Suction D&C, vein stripping

Fragmentation (F)

Kidney Stone Shock Wave Treatment



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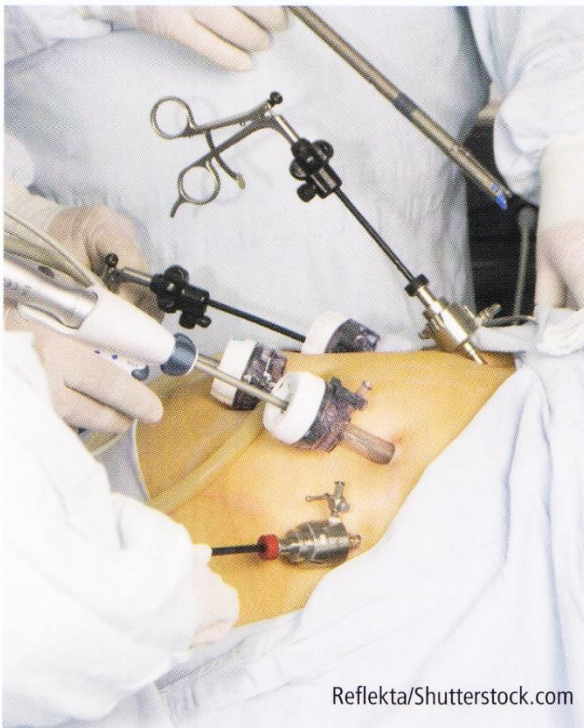
Definition: Breaking solid matter in a body part into pieces

Objective: Breaking solid matter into pieces

Site of procedure: Within a body part

Examples: Extracorporeal shockwave lithotripsy, transurethral lithotripsy

Via Natural or Artificial Opening with Percutaneous Endoscopic Assistance (F)



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Definition: Entry of instrumentation through a natural or artificial external opening and entry, by puncture or minor incision, of instrumentation through the skin or mucous membrane and any other body layers necessary to aid in the performance of the procedure

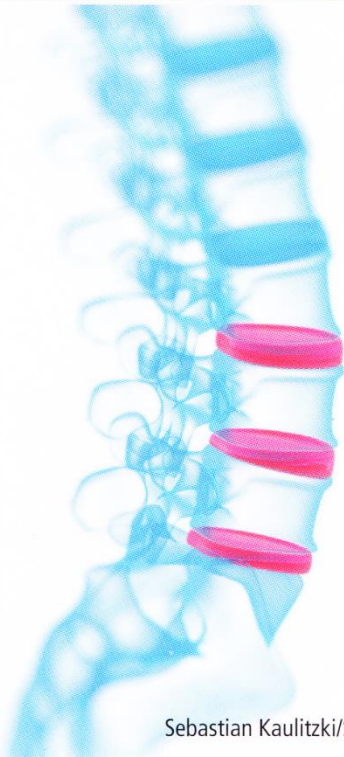
Access Location: Skin or mucous membrane, any other body layers

Method: Cutting

Type of Instrumentation: With visualization

Examples: Laparoscopic-assisted vaginal hysterectomy

Fusion (G)



Sebastian Kaulitzki/Shutterstock.com

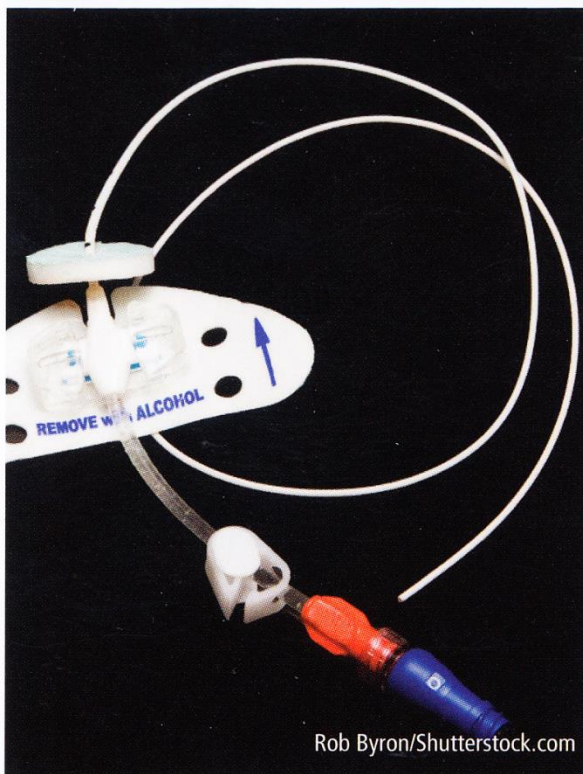
Definition: Joining together portions of an articular body part rendering the articular body part immobile

Objective: Rendering joint immobile

Site of procedure: Joint

Examples: Spinal fusion, ankle arthrodesis

Insertion (H)



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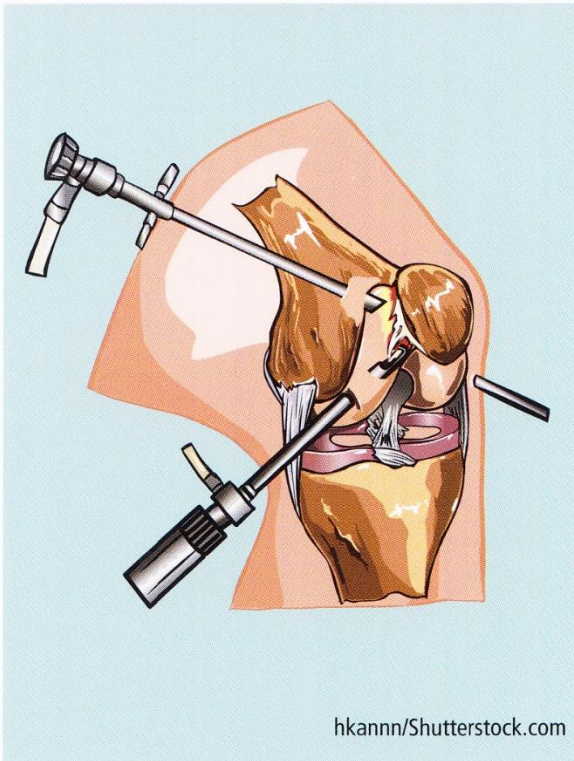
Definition: Putting in a non-biological device that monitors, assists, performs, or prevents a physiological function but does not physically take the place of a body part

Objective: Putting in non-biological substance

Site of procedure: In/on a body part

Examples: Central line insertion, insertion of radioactive implant

Inspection (J)



Definition: Visually and/or manually exploring a body part

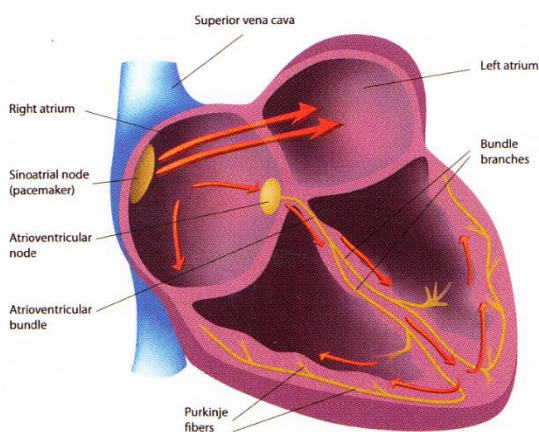
Objective: Visual/manual exploration

Site of procedure: Some/all of a body part

Examples: Diagnostic cystoscopy, diagnostic arthroscopy, exploratory laparotomy

Map (K)

The Cardiac Conduction System



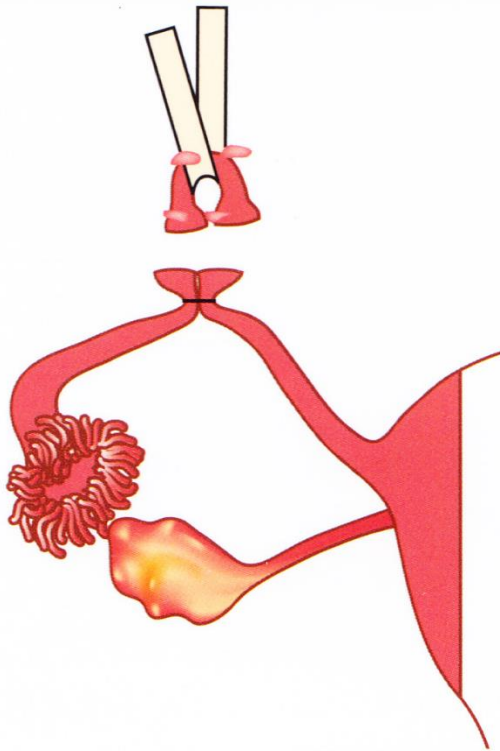
Definition: Locating the route of passage of electrical impulses and/or locating functional areas in a body part

Objective: Location electrical impulses/functional areas

Site of procedure: Brain/cardiac conduction mechanism

Examples: Cardiac mapping, cortical mapping

Occlusion (L)



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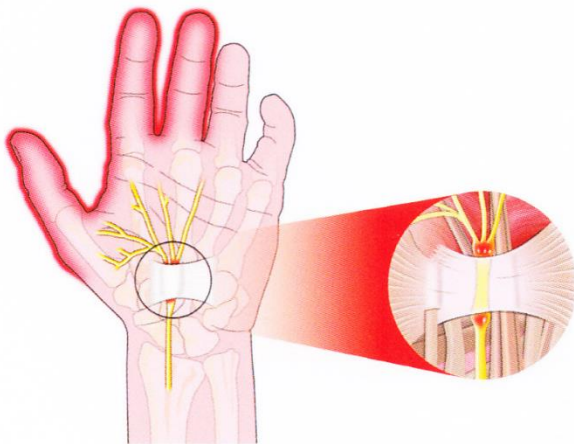
Definition: Completely closing an orifice or the lumen of a tubular body part

Objective: Completely closing orifice/lumen

Site of procedure: Tubular body part

Examples: Fallopian tube ligation, ligation of inferior vena cava

Release (N)



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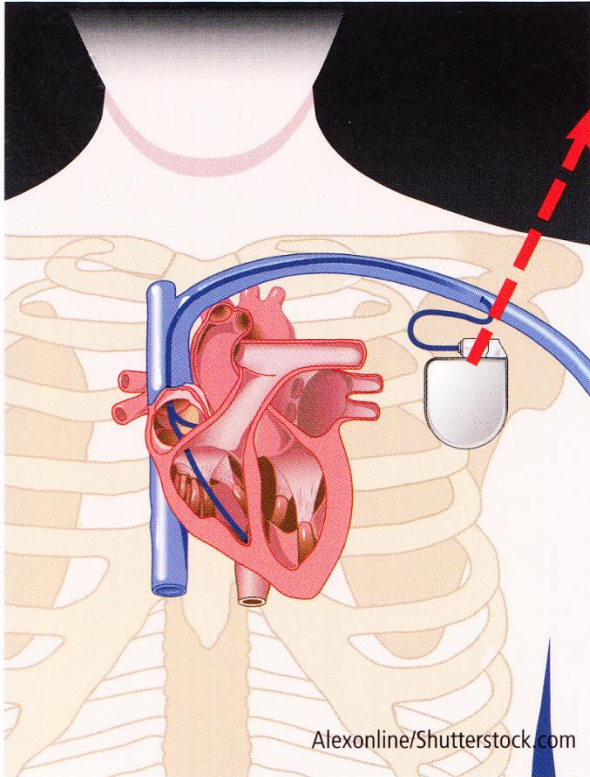
Definition: Freeing a body part from an abnormal physical constraint by cutting or by use of force

Objective: Freeing a body part from constraint

Site of procedure: Around a body part

Examples: Adhesiolysis, carpal tunnel release

Removal (P)



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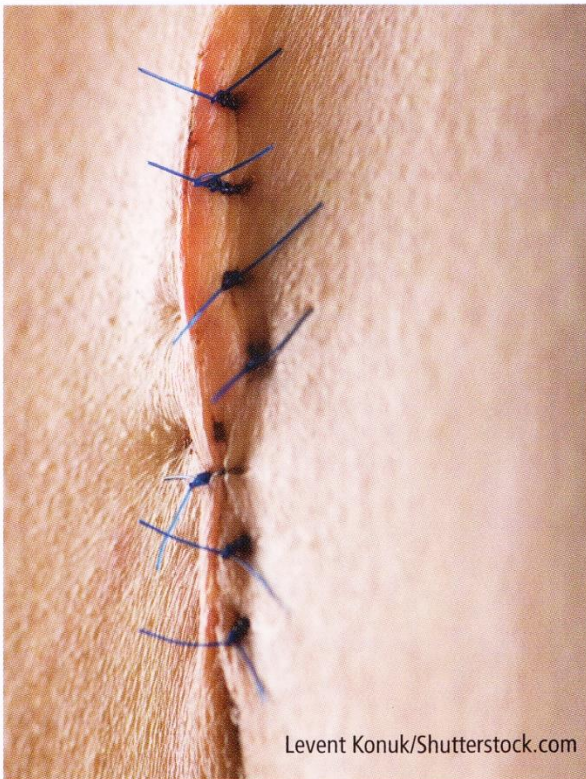
Definition: Taking out or off a device from a body part

Objective: Taking out device

Site of procedure: In/on a body part

Examples: Central line removal, drainage tube removal, pacemaker removal

Repair (Q)



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Definition: Restoring, to the extent possible, a body part to its normal anatomic structure and function

Objective: Restoring body part to its normal structure

Site of procedure: Some/all of a body part

Examples: Suture laceration, herniorrhaphy (without mesh)

Replacement (R)



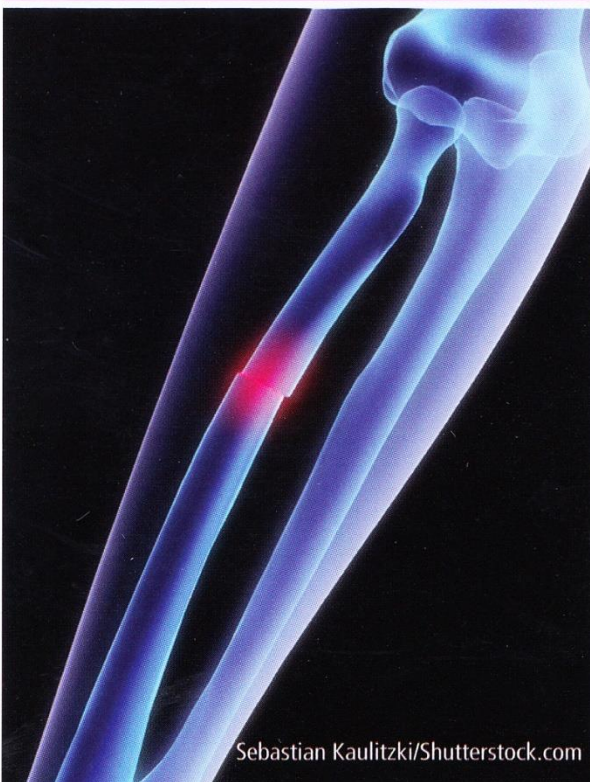
Definition: Putting in or on biological or synthetic material that physically takes the place and/or function of all or a portion of a body part

Objective: Putting in device that replaces a body part

Site of procedure: Some/all of a body part

Examples: Total hip replacement, bone graft, free skin graft

Reposition (S)



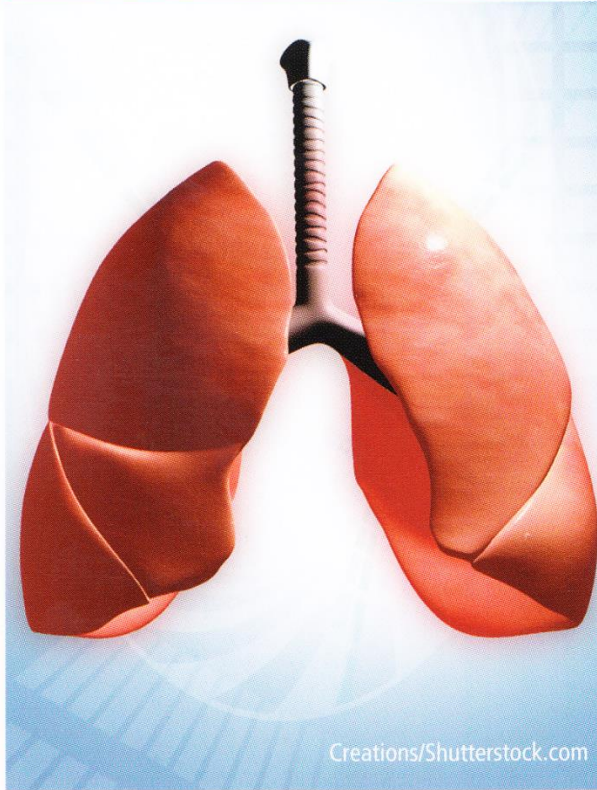
Definition: Moving all or a portion of a body part to its normal location or other suitable location

Objective: Moving a body part to normal or other suitable location

Site of procedure: Some/all of a body part

Examples: Reposition of undescended testicle, fracture reduction

Resection (T)



Definition: Cutting out or off, without replacement, all of a body part

Objective: Cutting out/off without replacement

Site of procedure: All of a body part

Examples: Total mastectomy, total nephrectomy, total lobectomy of lung

Supplement (U)



Definition: Putting in or on biologic or synthetic material that physically reinforces and/or augments the function of a portion of a body part

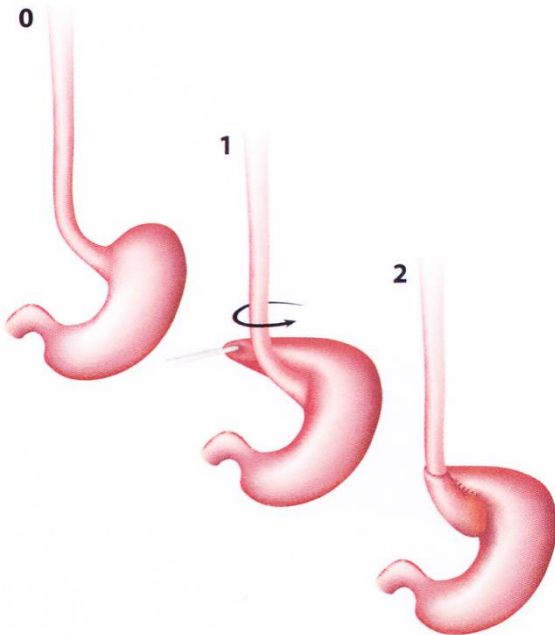
Objective: Putting in device that reinforces or augments a body part

Site of procedure: In/on a body part

Examples: Abdominal wall herniorrhaphy using mesh, free nerve graft, mitral valve ring annuloplasty

Restriction (V)

Nissen Fundoplication Surgery



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Definition: Partially closing an orifice or the lumen of a tubular body part

Objective: Partially closing orifice/lumen

Site of procedure: Tubular body part

Examples: Gastroesophageal fundoplication, cervical cerclage

Revision (W)



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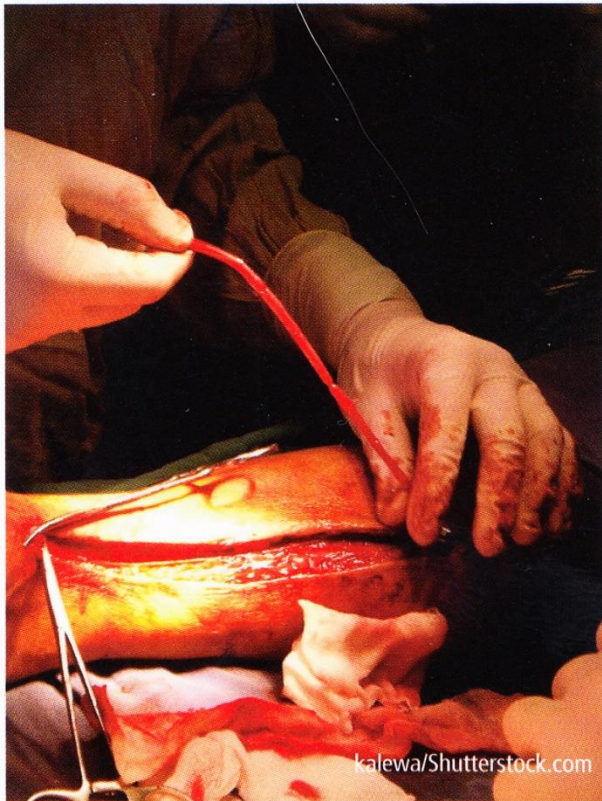
Definition: Correcting, to the extent possible, a malfunctioning or displaced device

Objective: Correcting a malfunctioning/displaced device

Site of procedure: In/on a body part

Examples: Revision of pacemaker insertion, adjustment of hip prosthesis

Transfer (X)



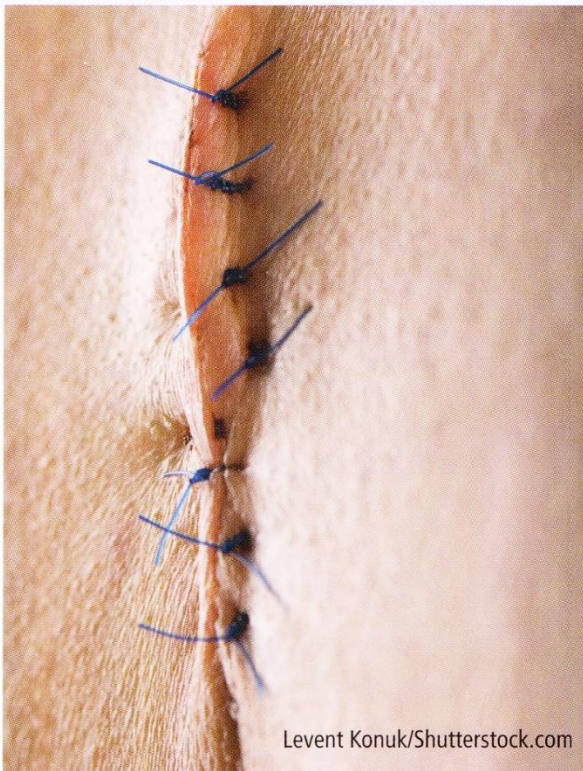
Definition: Moving, without taking out, all or a portion of a body part to another location to take over the function of all or a portion of a body part

Objective: Moving a body part to function for a similar body part

Site of procedure: Some/all of a body part

Examples: Skin transfer flap, tendon transfer, skin pedicle flap transfer

External (X)



Definition: Procedures performed directly on the skin or mucous membrane and procedures performed indirectly by the application of external force through the skin or mucous membrane

Access Location: Skin or mucous membrane

Method: Direct or indirect application

Type of Instrumentation: None

Examples: Resection of tonsils, closed reduction of fracture, excision of skin lesion

Transplantation (Y)



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Definition: Putting in or on all or a portion of a living body part taken from another individual or animal to physically take the place and/or function of all or a portion of a similar body part

Objective: Putting in a living body part from a person/animal

Site of procedure: Some/all of a body part

Examples: Kidney transplant, heart transplant