Alteration

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

part

Explanation: Principal purpose is to improve appearance

Examples: Face lift, breast augmentation

Bypass

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

Explanation: Rerouting contents of a body part to a downstream area of the normal route, to a similar route

and body part, or to an abnormal route and dissimilar body part. Includes one or more

anastomoses, with or without the use of a device

Examples: Coronary artery bypass, colostomy formation

Change

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 a mucous membrane

Explanation: All CHANGE procedures are coded using the approach EXTERNAL

Examples: Urinary catheter change, gastrostomy tube change

Control

Definition: Stopping, or attempting to stop, post-procedural bleeding

Explanation: The site of the bleeding is coded as an anatomical region and not to a specific body part

Examples: Control of post-prostatectomy hemorrhage, control of post-tonsillectomy hemorrhage

Creation

Definition: Making a new genital structure that does not take over the function of a body part

Explanation: Used only for sex change operations

Examples: Creation of vagina in a male, creation of penis in a female

Destruction

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

destructive agent

Explanation: None of the body part is physically taken out

Examples: Fulguration of rectal polyp, cautery of skin lesion

Detachment

Definition: Cutting off all or a portion of the upper or lower extremities

Explanation: The body part value is the site of the detachment, with a qualifier if applicable to further

specify the level where the extremity was detached

Examples: Below knee amputation, disarticulation of shoulder

Dilation

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

Explanation: The orifice can be a natural orifice or an artificially created orifice. Accomplished by

stretching a tubular body part using intraluminal pressure or by cutting part of the orifice or

wall of the tubular body part

Examples: Percutaneous transluminal angioplasty, pyloromyotomy

Division

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

Explanation: All or a portion of the body part is separated into two or more portions

Examples: Spinal cordotomy, osteotomy

Drainage

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

Explanation: The qualifier DIAGNOSTIC is used to identify drainage procedures that are biopsies

Examples: Thoracentesis, incision and drainage

Excision

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

Explanation: The qualifier DIAGNOSTIC is used to identify excision procedures that are biopsies

Examples: Partial nephrectomy, liver biopsy

Extirpation

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

Explanation: The solid matter may be an abnormal byproduct of a biological function or a foreign body; it

may be imbedded in a body part or in the lumen of a tubular body part. The solid matter may

or may not have been previously broken into pieces

Examples: Thrombectomy, choledocholithotomy

Extraction

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

Explanation: The qualifier DIAGNOSTIC is used to identify extraction procedures that are biopsies

Examples: Dilation and curettage, vein stripping

Fragmentation

Definition: Breaking solid matter in a body part into pieces

Explanation: Physical force (e.g., manual, ultrasonic) applied directly or indirectly is used to break the solid

matter into pieces. The solid matter may be an abnormal byproduct of a biological function or

a foreign body. The pieces of solid matter are not taken out

Examples: Extracorporeal shockwave lithotripsy, transurethral lithotripsy

Fusion

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

Explanation: The body part is joined together by fixation device, bone graft, or other means

Examples: Spinal fusion, ankle arthrodesis

Insertion

Definition: Putting in a nonbiological device that monitors, assists, performs or prevents a physiological

function but does not physically take the place of a body part

Explanation: N/A

Examples: Insertion of radioactive implant, insertion of central venous catheter

Inspection

Definition: Visually and/or manually exploring a body part

Explanation: Visual exploration may be performed with or without optical instrumentation. Manual

exploration may be performed directly or through intervening body layers

Examples: Diagnostic arthroscopy, exploratory laparotomy

Map

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

part

Explanation: Applicable only to the cardiac conduction mechanism and the central nervous system

Examples: Cardiac mapping, cortical mapping

Occlusion

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

Explanation: The orifice can be a natural orifice or an artificially created orifice

Examples: Fallopian tube ligation, ligation of inferior vena cava

Reattachment

Definition: Putting back in or on all or a portion of a separated body part to its normal location or other

suitable location

Explanation: Vascular circulation and nervous pathways may or may not be reestablished

Examples: Reattachment of hand, reattachment of avulsed kidney

Release

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

Explanation: Some of the restraining tissue may be taken out but none of the body part is taken out

Examples: Adhesiolysis, carpal tunnel release

Removal

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

Explanation: If a device is taken out and a similar device put in without cutting or puncturing the skin or

mucous membrane, the procedure is coded to the root operation CHANGE. Otherwise, the

procedure for taking out a device is coded to the root operation REMOVAL

Examples: Drainage tube removal, cardiac pacemaker removal

Repair

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

Explanation: Used only when the method to accomplish the repair is not one of the other root operations

Examples: Colostomy takedown, suture of laceration

Replacement

Definition: Putting in or on biological or synthetic material that physically takes the place and/

Explanation: or function of all or a portion of a body part

Examples: The body part may have been taken out or replaced, or may be taken out, physically

eradicated, or rendered nonfunctional during the Replacement procedure. A Removal procedure is coded for taking out the device used in a previous replacement procedure

Reposition

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

Explanation: The body part is moved to a new location from an abnormal location, or from a normal

location where it is not functioning correctly. The body part may or may not be cut out or off

to be moved to the new location

Examples: Reposition of undescended testicle, fracture reduction

Resection

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

Explanation: N/A

Examples: Total nephrectomy, total lobectomy of lung

Restriction

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

Explanation: The orifice can be a natural orifice or an artificially created orifice

Examples: Esophagogastric fundoplication, cervical cerclage

Revision

Definition: Correcting, to the extent possible, a portion of a malfunctioning device or the position of a

displaced device

Explanation: Revision can include correcting a malfunctioning or displaced device by taking out or putting

in components of the device such as a screw or pin

Examples: Adjustment of position of pacemaker lead, recementing of hip prosthesis

Supplement

Definition: Putting in or on biological or synthetic material that physically reinforces and/or augments the

function of a portion of a body part

Explanation: The biological material is non-living, or is living and from the same individual. The body part

may have been previously replaced, and the Supplement procedure is performed to physically

reinforce and/or augment the function of the replaced body part

Examples: Herniorrhaphy using mesh, free nerve graft, mitral valve ring annuloplasty, put a new

acetabular liner in a previous hip replacement

Transfer

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

Explanation: The body part transferred remains connected to its vascular and nervous supply

Examples: Tendon transfer, skin pedicle flap transfer

Transplantation

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

Explanation: The native body part may or may not be taken out, and the transplanted body part may take

over all or a portion of its function

Examples: Kidney transplant, heart transplant