

**Table S1** International Classification of Disease (ICD) and Common Procedural Terminology codes and definitions

Code	Type	Definition
54401	CPT	Insertion of penile prosthesis; inflatable (self-contained)
54405	CPT	Insertion of multi-component, inflatable penile prosthesis, including placement of pump, cylinders, and reservoir
54406	CPT	Removal of all components of a multi-component, inflatable penile prosthesis without replacement of prosthesis
54408	CPT	Repair of component(s) of a multi-component, inflatable penile prosthesis
54410	CPT	Removal and replacement of all component(s) of a multi-component, inflatable penile prosthesis at the same operative session
54411	CPT	Removal and replacement of all components of a multi-component inflatable penile prosthesis through an infected field at the same operative session, including irrigation and debridement of infected tissue
54400	CPT	Insertion of penile prosthesis, non-inflatable (semi-rigid)
54415	CPT	Removal of non-inflatable (semi-rigid) or inflatable (self-contained) penile prosthesis, without replacement of prosthesis
54416	CPT	Removal and replacement of non-inflatable (semi-rigid) or inflatable (self-contained) penile prosthesis at the same operative session
54417	CPT	Removal and replacement of non-inflatable (semi-rigid) or inflatable (self-contained)
55840	CPT	Prostatectomy, retropubic radical, with or without nerve sparing
55845	CPT	Prostatectomy, retropubic radical, with or without nerve sparing; with bilateral pelvic lymphadenectomy, including external iliac, hypogastric, and obturator nodes
55866	CPT	Laparoscopy, surgical prostatectomy, retropubic radical, including nerve sparing, includes robotic assistant when performed
53400	CPT	Urethroplasty; first stage, for fistula, diverticulum, or stricture (e.g., Johanssen type)
53405	CPT	Urethroplasty; second stage (formation of urethra), including urinary diversion
53410	CPT	Urethroplasty, 1-stage reconstruction of male anterior urethra
53415	CPT	Urethroplasty, transpubic or perineal, one stage, for reconstruction or repair of prostatic or membranous urethra
53425	CPT	Urethroplasty, 2-stage reconstruction or repair of prostatic or membranous urethra; second stage
53445	CPT	Insertion of inflatable urethral/bladder neck sphincter, including placement of pump, reservoir, and cuff
53440	CPT	Sling operation for correction of male urinary incontinence
T83	ICD-10	Complications of genitourinary prosthetic devices, implants and grafts
T83.6	ICD-10	Infection and inflammatory reaction due to prosthetic device, implant and graft in urinary system
E08-E13	ICD-10	Diabetes Mellitus
I10-I16	ICD-10	Hypertensive Diseases
Z87.891	ICD-10	Personal history of nicotine dependence
F17	ICD-10	Nicotine dependence, cigarettes
Z92.3	ICD-10	Personal history of irradiation