

Appendix 1. Coding for Primary Procedure, Reoperation, and Complications

Index Procedures	CPT code 57288 and/or Kaiser Surgical Codes 59.69, 59.79, 57.89, 70.79 *Exclude patients with concurrent fascial graft harvest (CPT 20920 and 20922 for fascia lata grafts and 20926 for rectus grafts)
Reoperation for Mesh Revision/Removal	CPT codes 52827, 10120
Reoperation for Mesh Revision/Removal-Subtypes	1)Hemorrhage/bleeding (ICD9/10 459.0, 998.11, 623.8 or 596.89/R58,N99.820,N99.821) 2)Nerve injury (ICD9/10 956.9,957.9/S30-S39) 3)Pain (ICD9/10 338,338.1,338.2 /R10.2) 4)Mesh exposure and erosion (ICD9/10 629.31,629.32/T83.711,T83.721) 5)Urinary Retention (CPT Code 53500, ICD 9/10 788.20,788.21/R33.0-9) 6)Bowel injury (ICD9/10 569.83/S36) 7))Bladder/urethral injury (ICD9/10 596.6,867.0/S37) 8)Infection (ICD9/10 686.9/998.5,999.3,998.51,998.59,T81) 9)Retropubic hematoma (568.81/K66.1,568.81,459.0)
Reoperation for Recurrent SUI	ICD9/10 625.6,788.33/N39.3,N39.46
Reoperation for Recurrent SUI-Subtypes	1) Sling operation for stress incontinence CPT 57288

Berger AA, Tan-Kim J, Menefee SA. Long-term risk of reoperation after synthetic mesh midurethral sling surgery for stress urinary incontinence. *Obstet Gynecol* 2019;134.

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	Kaiser ID 59.69, 59.79, 57.89, 70.79 2) Bulking Injection CPT 51715, ICD 9/10 59.72/ PCS 3E0K3GC 3) Laparoscopic Retropubic Urethropexy CPT 51990, 51992, 51999 4) Abdominal Retropubic Urethropexy CPT 51840, 51841 5) Needle Bladder Neck Suspension CPT 51845 6) Kelly plication CPT 57220 7) Cystourethroplasty CPT 51800
Postoperative Complications	
Urinary Tract Infection (UTI)	>100,000 CFU of bacteria on urine culture and symptoms of UTI
Recurrent UTI	(≥ 2 in 6 months or ≥ 3 in 12 month)
Urgency Urinary Incontinence	ICD 9/10 (788.31/N39.41)
Urinary Retention Requiring Prolonged Catheterization	ICD 9/10 788.20/R33.9 and CPT 51701 or 51702

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Appendix 2. Sling Types and Brand Names

	Sling Type	Material
Advantage (Boston Scientific)	RMUS	polypropylene
Advantage Fit (Boston Scientific)	RMUS	polypropylene
Aris TOT Tape (Mentor)	TOT	polypropylene
Desara TV (Caldera)	TOT or RMUS	polypropylene
GMD Universal (GMD)	TOT or RMUS	polypropylene
Lynx Suprapubic (Boston Scientific)	RMUS	polypropylene
Miniarc (AMS)	SIS	polypropylene
Miniarc Precise (AMS)	SIS	polypropylene
Monarc (AMS)	TOT	polypropylene
Solyx (Boston Scientific)	SIS	polypropylene
Sparc (AMS)	RMUS	polypropylene
TVT Secur (Gynecare)	SIS	polypropylene

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Transvaginal Tape-TVT (Gynecare)	RMUS	polypropylene
Transvaginal Tape-Obturator(TVT-O) (Gynecare)	TOT	polypropylene
Obtryx Curved (Boston scientific)	TOT	polypropylene
Obtryx Halo (Boston scientific)	TOT	polypropylene

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