

Table S1 International Classification of Diseases (ICD)-9&10 diagnosis/procedural and current procedural terminology (CPT) procedural codes utilized to identify procedures and complications

	ICD 9/10 and CPT billing codes
Procedure	
Breast reconstruction	CPT-11970, CPT-19328, CPT-19357, CPT-15777, CPT-19340, CPT-19342, CPT-19364, CPT-19366, CPT-19361, CPT-19367, CPT-19368, CPT-19369, CPT-19380, ICD-9-P-8570, ICD-9-P-8571, ICD-9-P-8572, ICD-9-P-8573, ICD-9-P-8533, ICD-9-P-8535, ICD-9-P-8553, ICD-9-P-8554, ICD-9-P-8595, ICD-9-P-8574, ICD-9-P-8575, ICD-9-P-8576, ICD-9-P-8579, ICD-10-P-0H0V07Z, ICD-10-P-0H0V0JZ, ICD-10-P-0H0V0KZ, ICD-10-P-0H0V0ZZ, ICD-10-P-0HDV0ZZ, ICD-10-P-0HHV0NZ, ICD-10-P-0HPT07Z, ICD-10-P-0HPT0JZ, ICD-10-P-0HPT0KZ, ICD-10-P-0HPT0NZ, ICD-10-P-0HPU07Z, ICD-10-P-0HPU0JZ, ICD-10-P-0HPU0KZ, ICD-10-P-0HPU0NZ, ICD-10-P-0HRV075, ICD-10-P-0HRV076, ICD-10-P-0HRV077, ICD-10-P-0HRV078, ICD-10-P-0HRV079, ICD-10-P-0HRV07Z, ICD-10-P-0HRV0JZ, ICD-10-P-0HRV0KZ, ICD-10-P-0HRV37Z, ICD-10-P-0HRV3JZ, ICD-10-P-0HRV3KZ, ICD-10-P-0HRVX7Z, ICD-10-P-0HRVXJZ, ICD-10-P-0HRVXKZ, ICD-10-P-0HWT0NZ, ICD-10-P-0HWTXKZ, ICD-10-P-0HWU07Z, ICD-10-P-0HWU0NZ
Mastectomy	ICD-9-D-2330, ICD-9-D-1740, ICD-9-D-1741, ICD-9-D-1742, ICD-9-D-1743, ICD-9-D-1744, ICD-9-D-1745, ICD-9-D-1746, ICD-9-D-1748, ICD-9-D-1749, ICD-10-D-D0510, ICD-10-D-D0511, ICD-10-D-D0512, ICD-10-D-C50111, ICD-10-D-C50112, ICD-10-D-C50119, ICD-10-D-C50211, ICD-10-D-C50212, ICD-10-D-C50219, ICD-10-D-C50311, ICD-10-D-C50312, ICD-10-D-C50319, ICD-10-D-C50411, ICD-10-D-C50412, ICD-10-D-C50419, ICD-10-D-C50511, ICD-10-D-C50512, ICD-10-D-C50519, ICD-10-D-C50611, ICD-10-D-C50612, ICD-10-D-C50619, ICD-10-D-C50811, ICD-10-D-C50812, ICD-10-D-C50819, ICD-10-D-C50911, ICD-10-D-C50912, ICD-10-D-C50919
Salpingo-oophorectomy	CPT-58940, CPT-58573, CPT-58554, CPT-58552, CPT-58291, CPT-58262, CPT-58571, CPT-58542, CPT-58544, CPT-58661, CPT-58720, ICD-9-P-6561, ICD-9-P-6562, ICD-9-P-6563, ICD-9-P-6564, ICD-9-P-6651, ICD-9-P-6652, ICD-10-P-0UT20ZZ
Diagnosis	
Breast Cancer	ICD-9-D-2330, ICD-9-D-1740, ICD-9-D-1741, ICD-9-D-1742, ICD-9-D-1743, ICD-9-D-1744, ICD-9-D-1745, ICD-9-D-1746, ICD-9-D-1748, ICD-9-D-1749, ICD-10-D-D0510, ICD-10-D-D0511, ICD-10-D-D0512, ICD-10-D-C50111, ICD-10-D-C50112, ICD-10-D-C50119, ICD-10-D-C50211, ICD-10-D-C50212, ICD-10-D-C50219, ICD-10-D-C50311, ICD-10-D-C50312, ICD-10-D-C50319, ICD-10-D-C50411, ICD-10-D-C50412, ICD-10-D-C50419, ICD-10-D-C50511, ICD-10-D-C50512, ICD-10-D-C50519, ICD-10-D-C50611, ICD-10-D-C50612, ICD-10-D-C50619, ICD-10-D-C50811, ICD-10-D-C50812, ICD-10-D-C50819, ICD-10-D-C50911, ICD-10-D-C50912, ICD-10-D-C50919
Gynecologic Cancer	ICD-9-D-179, ICD-9-D-1820, ICD-9-D-1821, ICD-9-D-1828, ICD-9-D-1830, ICD-9-D-1832, ICD-9-D-1833, ICD-9-D-1834, ICD-9-D-1835, ICD-9-D-1838, ICD-9-D-1839, ICD-10-D-C540, ICD-10-D-C541, ICD-10-D-C542, ICD-10-D-C543, ICD-10-D-C548, ICD-10-D-C549, ICD-10-D-C55, ICD-10-D-C561, ICD-10-D-C562, ICD-10-D-C569, ICD-10-D-C5700, ICD-10-D-C5701, ICD-10-D-C5702, ICD-10-D-C5710, ICD-10-D-C5711, ICD-10-D-C5712, ICD-10-D-C5720, ICD-10-D-C5721, ICD-10-D-C5722, ICD-10-D-C573, ICD-10-D-C574, ICD-10-D-C577, ICD-10-D-C578, ICD-10-D-C579
Complications	
Bleeding	ICD-9-D-2851, ICD-9-D-99811, ICD-10-D-L7622
Hematoma	ICD-9-D-99812, ICD-10-D-L7632, ICD-10-D-L7602, ICD-10-D-N99840
Fat necrosis	ICD-9-D-6113, ICD-10-D-N641
Seroma	ICD-9-D-99813, ICD-10-D-L7634
Implant infection	ICD-9-D-99669, ICD-10-D-T8579XA, ICD-10-D-T8579XD, ICD-10-D-T8579XS, ICD-10-D-T827XXA, ICD-10-D-T827XXD, ICD-10-D-T827XXS
Surgical site infection	ICD-9-D-99851, ICD-9-D-99859, ICD-10-D-T8140XA, ICD-10-D-T8140XD, ICD-10-D-T8140XS, ICD-10-D-T8141XA, ICD-10-D-T8141XD, ICD-10-D-T8141XS, ICD-10-D-T8142XA, ICD-10-D-T8142XD, ICD-10-D-T8142XS, ICD-10-D-T8143XA, ICD-10-D-T8143XD, ICD-10-D-T8143XS, ICD-10-D-T8149XA, ICD-10-D-T8149XD, ICD-10-D-T8149XS, ICD-10-D-T814XXA, ICD-10-D-T814XXD, ICD-10-D-T814XXS
Impaired wound healing	ICD-9-D-8750, ICD-9-D-8751, ICD-9-D-8790, ICD-9-D-8791, ICD-9-D-99830, ICD-9-D-99832, ICD-9-D-9986, ICD-9-D-99883, ICD-10-D-T8130XA, ICD-10-D-T8130XD, ICD-10-D-T8130XS, ICD-10-D-T8131XA, ICD-10-D-T8131XD, ICD-10-D-T8131XS, ICD-10-D-T8132XA, ICD-10-D-T8132XD, ICD-10-D-T8132XS, ICD-10-D-T8189XA, ICD-10-D-T8189XD, ICD-10-D-T8189XS