

DATA 299P Assignment

Sample Table 1: **Patient demographics**

Patient demographics	ALL	COHORT A	COHORT B	p-value (Categorical chi-square/Fisher's; if continuous t-test or Kruskal Wallis)
	CPT 57291 OR 57292 OR 55970 OR 57335	CPT 57291 OR 57292 OR 55970 OR 57335 WITH 49329 ("Vaginoplasty with peritoneal pull-through")	CPT 57291 OR 57292 OR 55970 OR 57335 without CPT 49329 ("Vaginoplasty alone")	NOTE: All pts must have diagnosis of gender dysphoria PODIAG10 F64.0, F64.1, F64.2, F64.3, F64.4, F64.5, F64.6, F64.7, F64.8, 64.9, and/or Z87.890
Count:	413 Patients	0 Patients	413 Patients	
Race (RACE_NEW):	<p>Asian: 15/413 (3.6%)</p> <p>Black or African American: 31/413 (7.5%)</p> <p>Race combinations with low frequency: 1/413 (0.2%)</p> <p>Some Other Race: 12/413 (2.9%)</p> <p>Unknown/Not Reported: 19/413 (4.6%)</p> <p>White: 334/413 (80.9%)</p>		<p>Asian: 15/413 (3.6%)</p> <p>Black or African American: 31/413 (7.5%)</p> <p>Race combinations with low frequency: 1/413 (0.2%)</p> <p>Some Other Race: 12/413 (2.9%)</p> <p>Unknown/Not Reported: 19/413 (4.6%)</p> <p>White: 334/413 (80.9%)</p>	

	White, American Indian or Alaska Native: 1/413 (0.2%)		White, American Indian or Alaska Native: 1/413 (0.2%)	
Gender (SEX):	Female: 317/413 (76.8%) Male: 88/413 (21.3%) Non-binary: 8/413 (1.9%)		Female: 317/413 (76.8%) Male: 88/413 (21.3%) Non-binary: 8/413 (1.9%)	
Ethnicity (Hispanic) (ETHNICITY_HISPANIC):	No: 374/413 (90.6%) Unkown: 4/413 (1.0%) Yes: 35/413 (8.5%)		No: 374/413 (90.6%) Unkown: 4/413 (1.0%) Yes: 35/413 (8.5%)	
Inpatient/outpatient (INOUT):	Inpatient: 382/413 (92.5%) Outpatient: 31/413 (7.5%)		Inpatient: 382/413 (92.5%) Outpatient: 31/413 (7.5%)	
Age (AGE_GROUP):	<20-Year-Old: 13/413 (3.1%) 20–30-Year-Old: 140/413 (33.9%) 30–40-Year-Old: 123/413 (29.8%) 40–50-Year-Old: 71/413 (17.2%) 50–60-Year-Old: 37/413 (9.0%)		<20-Year-Old: 13/413 (3.1%) 20–30-Year-Old: 140/413 (33.9%) 30–40-Year-Old: 123/413 (29.8%) 40–50-Year-Old: 71/413 (17.2%) 50–60-Year-Old: 37/413 (9.0%)	

	60–70-Year-Old: 26/413 (6.3%) 70–80-Year-Old: 3/413 (0.7%) (Mean: 36.2 years old Std: 12.5 Median: 33 years old Min: 18 years old Max: 75 years old)		60–70-Year-Old: 26/413 (6.3%) 70–80-Year-Old: 3/413 (0.7%) (Mean: 36.2 years old Std: 12.5 Median: 33 years old Min: 18 years old Max: 75 years old)	
Year of Operation (OperYR):	2019: 91/413 (22.0%) 2020: 63/413 (15.3%) 2021: 125/413 (30.3%) 2022: 134/413 (32.4%)		2019: 91/413 (22.0%) 2020: 63/413 (15.3%) 2021: 125/413 (30.3%) 2022: 134/413 (32.4%)	
Principal Anesthesia technique (ANESTHES):	General: 413/413 (100%)		General: 413/413 (100%)	
Surgical subspecialty (SURGSPEC):	General Surgery: 2/413 (0.5%) Plastics: 329/413 (79.7%) Urology: 82/413 (19.9%)		General Surgery: 2/413 (0.5%) Plastics: 329/413 (79.7%) Urology: 82/413 (19.9%)	
Height in inches (HEIGHT):	<60 inches: 5/413 (1.2%) 60-65 inches: 30/413 (7.3%) 65-70 inches: 206/413 (50.0%)		<60 inches: 5/413 (1.2%) 60-65 inches: 30/413 (7.3%) 65-70 inches: 206/413 (50.0%)	

	70-75 inches: 159/413 (38.5%) >75 inches: 11/413 (2.7%) No Response: 2/413 (0.5%) (Mean: 68.6 inches Std: 3.1 inches Median: 69 inches Min: 57 inches Max: 81 inches)		70-75 inches: 159/413 (38.5%) >75 inches: 11/413 (2.7%) No Response: 2/413 (0.5%) (Mean: 68.6 inches Std: 3.1 inches Median: 69 inches Min: 57 inches Max: 81 inches)	
Weight in lbs (WEIGHT):	<150 lbs: 99/413 (24.0%) 150-170 lbs: 94/413 (22.8%) 170-190 lbs: 90/413 (21.8%) 190-210 lbs: 60/413 (14.5%) >210 lbs: 69/413 (16.7%) No Response: 1/413 (0.2%) (Mean: 176.3 lbs Std: 38.2 Median: 172.0 lbs Min: 93 lbs Max: 308 lbs)		<150 lbs: 99/413 (24.0%) 150-170 lbs: 94/413 (22.8%) 170-190 lbs: 90/413 (21.8%) 190-210 lbs: 60/413 (14.5%) >210 lbs: 69/413 (16.7%) No Response: 1/413 (0.2%) (Mean: 176.3 lbs Std: 38.2 Median: 172.0 lbs Min: 93 lbs Max: 308 lbs)	
BMI:	[0.0, 18.5) (Underweight): 10/413 (2.4%)		[0.0, 18.5) (Underweight): 10/413 (2.4%)	

	<p>[18.5, 24.9) (Normal weight): 171/413 (41.4%)</p> <p>[24.9, 29.9) (Overweight): 144/413 (34.9%)</p> <p>[29.9, inf) (Obesity): 86/413 (20.8%)</p> <p>No Response: 2/413 (0.5%)</p> <p>(Mean: 26.3 Std: 5.3 Median: 25.68 Min: 15.6 Max: 46.2)</p>		<p>[18.5, 24.9) (Normal weight): 171/413 (41.4%)</p> <p>[24.9, 29.9) (Overweight): 144/413 (34.9%)</p> <p>[29.9, inf) (Obesity): 86/413 (20.8%)</p> <p>No Response: 2/413 (0.5%)</p> <p>(Mean: 26.3 Std: 5.3 Median: 25.68 Min: 15.6 Max: 46.2)</p>	
ASA Classification (ASACLAS):	<p>1-No Disturb: 88/413 (21.3%)</p> <p>2-Mild Disturb: 280/413 (67.8%)</p> <p>3-Severe Disturb: 45/413 (10.9%)</p>		<p>1-No Disturb: 88/413 (21.3%)</p> <p>2-Mild Disturb: 280/413 (67.8%)</p> <p>3-Severe Disturb: 45/413 (10.9%)</p>	
Estimated probability of mortality (MORTPROB):	<p>Range From 0.000016% to 0.005685%</p> <p>0-0.0012%: 388/413 (93.9%)</p> <p>0.0012-0.0024%: 17/413 (4.1%)</p> <p>0.0024-0.0036%: 4/413 (1.0%)</p> <p>0.0048-0.006%: 4/413 (1.0%)</p> <p>(Mean: 0.00039 Std: 0.00064 Median: 0.0002</p>		<p>Range From 0.000016% to 0.005685%</p> <p>0-0.0012%: 388/413 (93.9%)</p> <p>0.0012-0.0024%: 17/413 (4.1%)</p> <p>0.0024-0.0036%: 4/413 (1.0%)</p> <p>0.0048-0.006%: 4/413 (1.0%)</p> <p>(Mean: 0.00039 Std: 0.00064 Median: 0.0002</p>	

	Min: 0.000016 Max: 0.005685)		Min: 0.000016 Max: 0.005685)	
Current smoker within one year (SMOKE):	No: 391/413 (94.7%) Yes: 22/413 (5.3%)		No: 391/413 (94.7%) Yes: 22/413 (5.3%)	

Sample Table 2: **MAIN OUTCOME:** Composite of Unplanned readmission, Unplanned surgery and Major complication

Primary Outcome	ALL	COHORT A	COHORT B	p-value
Composite main outcome (unplanned readmission and/or unplanned surgery and/or major complication)	CPT 57291 OR 57292 OR 55970 OR 57335	CPT 57291 OR 57292 OR 55970 OR 57335 WITH 49329 ("Vaginoplasty with peritoneal pull-through"	CPT 57291 OR 57292 OR 55970 OR 57335 without CPT 49329 ("Vaginoplasty alone")	NOTE: All pts must have diagnosis of gender dysphoria PODIAG10 F64.0, F64.1, F64.2, F64.3, F64.4, F64.5, F64.6, F64.7, F64.8, 64.9, and/or Z87.890
Count:	413 Patients	0 Patients	413 Patients	
Unplanned readmission (UNPLANNEDREADMISSION1):	Yes: 14/413 (3.4%) No response: 399 (96.6%)		Yes: 14/413 (3.4%) No response: 399 (96.6%)	
Days from index surgery to readmission (READMPODAYS1):	1 day: 1/14 (7.1%) 6 days: 1/14 (7.1%) 8 days: 1/14 (7.1%)		1 day: 1/14 (7.1%) 6 days: 1/14 (7.1%) 8 days: 1/14 (7.1%)	

	10 days: 2/14 (14.3%) 11-18 days: 7/14 (50.0%) 20 days: 1/14 (7.1%) 27 days: 1/14 (7.1%) (Mean: 13.1 days Std: 6.4 days Median: 12.5 days Min: 1 day Max: 27 days)		10 days: 2/14 (14.3%) 11-18 days: 7/14 (50.0%) 20 days: 1/14 (7.1%) 27 days: 1/14 (7.1%) (Mean: 13.1 days Std: 6.4 days Median: 12.5 days Min: 1 day Max: 27 days)	
Readmission related suspected reason 1 (READMSUSPREA SON1):	C. diff: 1/14 (7.1%) Other (list ICD 10 code): 6/14 (42.9%) Sepsis: 1/14 (7.1%) Superficial Incisional SSI: 1/14 (7.1%) Urinary Tract Infection: 1/14 (7.1%) Wound Disruption: 4/14 (28.6%)		C. diff: 1/14 (7.1%) Other (list ICD 10 code): 6/14 (42.9%) Sepsis: 1/14 (7.1%) Superficial Incisional SSI: 1/14 (7.1%) Urinary Tract Infection: 1/14 (7.1%) Wound Disruption: 4/14 (28.6%)	
Readmission related ICD-9 code 1 (READMRELICD91):	0 No response: 14		0 No response: 14	

Readmission related ICD-10 code 1 (READMRELICD101):	G89.18: 1/14 (7.1%) K12.0: 1/14 (7.1%) L76.32: 1/14 (7.1%) N82.4: 1/14 (7.1%) N99.820: 1/14 (7.1%) T81.32XA: 1/14 (7.1%) No response: 8/14		G89.18: 1/14 (7.1%) K12.0: 1/14 (7.1%) L76.32: 1/14 (7.1%) N82.4: 1/14 (7.1%) N99.820: 1/14 (7.1%) T81.32XA: 1/14 (7.1%) No response: 8/14	
Readmission unrelated suspected reason 1 (READMUNRELSU SP1):	0		0	
Readmission unrelated ICD-9 code 1 (READMUNRELIC D91):	0		0	
Readmission unrelated ICD-10 code 1 (READMUNRELIC D101):	0		0	
Unplanned surgery (Reoperation) (REOPERATION1):	No: 390/413 (94.4%) Yes: 23/413 (5.6%)		No: 390/413 (94.4%) Yes: 23/413 (5.6%)	
CPT for reoperation 1 (REOPERATION1):	11042: 1/23 (4.3%)		11042: 1/23 (4.3%)	

	12021: 1/23 (4.3%) 13160: 1/23 (4.3%) 14040: 1/23 (4.3%) 15120: 1/23 (4.3%) 21501: 2/23 (8.7%) 44310: 1/23 (4.3%) 52005: 1/23 (4.3%) 57023: 3/23 (13.0%) 57160: 1/23 (4.3%) 57300: 1/23 (4.3%) 57335: 3/23 (13.0%) 57410: 5/23 (21.7%) No Response: 1/23 (4.3%)		12021: 1/23 (4.3%) 13160: 1/23 (4.3%) 14040: 1/23 (4.3%) 15120: 1/23 (4.3%) 21501: 2/23 (8.7%) 44310: 1/23 (4.3%) 52005: 1/23 (4.3%) 57023: 3/23 (13.0%) 57160: 1/23 (4.3%) 57300: 1/23 (4.3%) 57335: 3/23 (13.0%) 57410: 5/23 (21.7%) No Response: 1/23 (4.3%)	
Days for index to reoperation (RETORPODAYS):	1 day: 2/23 (8.7%) 2 days: 1/23 (4.3%) 3 days: 1/23 (4.3%)		1 day: 2/23 (8.7%) 2 days: 1/23 (4.3%) 3 days: 1/23 (4.3%)	

	4 days: 2/23 (8.7%) 5 days: 3/23 (13.0%) 6 days: 1/23 (4.3%) 11 days: 1/23 (4.3%) 14 days: 2/23 (8.7%) 15 days: 3/23 (13.0%) 16 days: 1/23 (4.3%) 17 days: 3/23 (13.0%) 21 days: 1/23 (4.3%) 23 days: 1/23 (4.3%) 28 days: 1/23 (4.3%) (Mean: 11.3 days Std: 7.7 days Median: 14 days Min: 1 day Max: 28 days)		4 days: 2/23 (8.7%) 5 days: 3/23 (13.0%) 6 days: 1/23 (4.3%) 11 days: 1/23 (4.3%) 14 days: 2/23 (8.7%) 15 days: 3/23 (13.0%) 16 days: 1/23 (4.3%) 17 days: 3/23 (13.0%) 21 days: 1/23 (4.3%) 23 days: 1/23 (4.3%) 28 days: 1/23 (4.3%) (Mean: 11.3 days Std: 7.7 days Median: 14 days Min: 1 day Max: 28 days)	
Indication for reoperation (REOPOR1ICD101):	F64.0: 2/23 (8.7%) L76.3: 1/23 (4.3%) L76.32: 1/23 (4.3%)		F64.0: 2/23 (8.7%) L76.3: 1/23 (4.3%) L76.32: 1/23 (4.3%)	

	N13.8: 1/23 (4.3%)		N13.8: 1/23 (4.3%)	
	N82.3: 1/23 (4.3%)		N82.3: 1/23 (4.3%)	
	N82.4: 1/23 (4.3%)		N82.4: 1/23 (4.3%)	
	N94.89: 1/23 (4.3%)		N94.89: 1/23 (4.3%)	
	N99.820: 1/23 (4.3%)		N99.820: 1/23 (4.3%)	
	N99.840: 1/23 (4.3%)		N99.840: 1/23 (4.3%)	
	R58: 1/23 (4.3%)		R58: 1/23 (4.3%)	
	S37.1: 1/23 (4.3%)		S37.1: 1/23 (4.3%)	
	T81.3: 1/23 (4.3%)		T81.3: 1/23 (4.3%)	
	T81.30XA: 2/23 (8.7%)		T81.30XA: 2/23 (8.7%)	
	T81.31XA: 2/23 (8.7%)		T81.31XA: 2/23 (8.7%)	
	T81.32XA: 2/23 (8.7%)		T81.32XA: 2/23 (8.7%)	
	T81.89XA: 1/23 (4.3%)		T81.89XA: 1/23 (4.3%)	
	T86.821: 1/23 (4.3%)		T86.821: 1/23 (4.3%)	
	Z04.8: 1/23 (4.3%)		Z04.8: 1/23 (4.3%)	
	No response: 1/23 (4.3%)		No response: 1/23 (4.3%)	

Indication for reoperation (REOPORICD91):	0		0	
Unplanned surgery (Reoperation) (REOPERATION2):	Yes: 4		Yes: 4	
CPT for reoperation 2 (REOPOR2CPT1):	11042: 1/4 (25%) 51565: 1/4 (25%) 57410: 1/4 (25%) 57415: 1/4 (25%)		11042: 1/4 (25%) 51565: 1/4 (25%) 57410: 1/4 (25%) 57415: 1/4 (25%)	
Days for index to reoperation 2 (RETOR2PODAYS):	5 days: 1/4 (25%) 7 days: 1/4 (25%) 22 days: 1/4 (25%) 24 days: 1/4 (25%) (Mean: 14.5 days Std: 9.9 days Median: 14.5 days Min: 5 days Max: 24 days)		5 days: 1/4 (25%) 7 days: 1/4 (25%) 22 days: 1/4 (25%) 24 days: 1/4 (25%) (Mean: 14.5 days Std: 9.9 days Median: 14.5 days Min: 5 days Max: 24 days)	
Indication for reoperation 2 (REOPOR2ICD101):	F64.0: 1/4 (25%) S37.10XA: 1/4 (25%) T81.31XA: 2/4 (50%)		F64.0: 1/4 (25%) S37.10XA: 1/4 (25%) T81.31XA: 2/4 (50%)	
Indication for reoperation 2 (REOPOR2ICD91):	0		0	

Unplanned surgery (Reoperation) (REOPERATION3):	Yes: 1		Yes: 1	
Major complications:	CPT 57291 OR 57292 OR 55970 OR 57335	CPT 57291 OR 57292 OR 55970 OR 57335 WITH 49329 ("Vaginoplasty with peritoneal pull-through"	CPT 57291 OR 57292 OR 55970 OR 57335 without CPT 49329 ("Vaginoplasty alone")	NOTE: All pts must have diagnosis of gender dysphoria PODIAG10 F64.0, F64.1, F64.2, F64.3, F64.4, F64.5, F64.6, F64.7, F64.8, 64.9, and/or Z87.890
pulmonary embolism (PULEMBOL):	No Complication: 412/413 (99.8%) Pulmonary Embolism: 1/413 (0.2%)		No Complication: 412/413 (99.8%) Pulmonary Embolism: 1/413 (0.2%)	
Ventilation support > 48 hours (FAILWEAN):	No Complication: 413/413 (100%)		No Complication: 413/413 (100%)	
Re-intubation (REINTUB):	No Complication: 412/413 (99.8%) Unplanned Intubation: 1/413 (0.2%)		No Complication: 412/413 (99.8%) Unplanned Intubation: 1/413 (0.2%)	
Acute renal failure (OPRENAFL):	No Complication: 413/413 (100%)		No Complication: 413/413 (100%)	
Cardiac arrest requiring (CDARREST):	No Complication: 413/413 (100%)		No Complication: 413/413 (100%)	

Myocardial infarction (CDMI):	No Complication: 413/413 (100%)		No Complication: 413/413 (100%)	
Stroke/cerebral vascular accident with neurological deficit (CNSCVA):	No Complication: 413/413 (100%)		No Complication: 413/413 (100%)	
Deep incisional or organ space surgical site infection (WNDINFD)	Deep Incisional SSI: 3/413 (0.7%) No Complication: 410/413 (99.3%)		Deep Incisional SSI: 3/413 (0.7%) No Complication: 410/413 (99.3%)	
Septic shock (OTHSESHOCK):	No Complication: 412/413 (99.8%) Septic Shock: 1/413 (0.2%)		No Complication: 412/413 (99.8%) Septic Shock: 1/413 (0.2%)	
Minor complications:	CPT 57291 OR 57292 OR 55970 OR 57335	CPT 57291 OR 57292 OR 55970 OR 57335 WITH 49329 ("Vaginoplasty with peritoneal pull-through")	CPT 57291 OR 57292 OR 55970 OR 57335 without CPT 49329 ("Vaginoplasty alone")	NOTE: All pts must have diagnosis of gender dysphoria PODIAG10 F64.0, F64.1, F64.2, F64.3, F64.4, F64.5, F64.6, F64.7, F64.8, 64.9, and/or Z87.890
Superficial surgical site infection (SUPINFEC):	No Complication: 406/413 (98.3%) Superficial Incisional SSI: 7/413(1.7%)		No Complication: 406/413 (98.3%) Superficial Incisional SSI: 7/413(1.7%)	
Wound dehiscence (DEHIS):	No Complication: 400/413 (96.9%)		No Complication: 400/413 (96.9%)	

	Wound Disruption: 13/413 (3.1%)		Wound Disruption: 13/413 (3.1%)	
Pneumonia (OUPNEUMO):	No Complication: 413/413 (100%)		No Complication: 413/413 (100%)	
Urinary tract infection (URNINFEC):	No Complication: 403/413 (97.6%) Urinary Tract Infection: 10/413 (2.4%)		No Complication: 403/413 (97.6%) Urinary Tract Infection: 10/413 (2.4%)	
Deep venous thrombosis/throm bophlebitis (OTHDVT):	No Complication: 413/413 (100%)		No Complication: 413/413 (100%)	
Blood transfusions (OTHBLEED):	Blood Transfusion: 2/413 (0.5%) No Complication: 397/413 (96.1%) Transfusions/Intr aop/Postop: 14/413 (3.4%)		Blood Transfusion: 2/413 (0.5%) No Complication: 397/413 (96.1%) Transfusions/Intr aop/Postop: 14/413 (3.4%)	
Post op total transfusion amount (BLEED_UNITS_T OT):	1.0: 7 patients 2.0: 6 patients (Mean: 1.46 Std: 0.52 Median: 1 Min: 1 Max: 2)		1.0: 7 patients 2.0: 6 patients (Mean: 1.46 Std: 0.52 Median: 1 Min: 1 Max: 2)	
Progressive renal insufficiency (RENAINSF):	No Complication: 287/413 (69.5%) Postop Renal Insufficiency: 1/413 (0.2%)		No Complication: 287/413 (69.5%) Postop Renal Insufficiency: 1/413 (0.2%)	

	No Response: 125/413 (30.3%)		No Response: 125/413 (30.3%)	
Death (YRDEATH):	Patient alive at 30 days: 413 0 death		Patient alive at 30 days: 413 0 death	

Sample table 3: **Major Medical Comorbidity (composite variable) with binary outcome (Y/N)**

Major Medical Comorbidity (composite variable) with binary outcome (Y/N)	ALL	COHORT A	COHORT B	p-value
	CPT 57291 OR 57292 OR 55970 OR 57335	CPT 57291 OR 57292 OR 55970 OR 57335 WITH 49329 ("Vaginoplasty with peritoneal pull-through")	CPT 57291 OR 57292 OR 55970 OR 57335 without CPT 49329 ("Vaginoplasty alone")	NOTE: All pts must have diagnosis of gender dysphoria PODIAG10 F64.0, F64.1, F64.2, F64.3, F64.4, F64.5, F64.6, F64.7, F64.8, 64.9, and/or Z87.890
Heart failure (CHF) in 30 days before surgery (HXCHF):	No: 413/413 (100%)		No: 413/413 (100%)	
ASCITES:	No: 413/413 (100%)		No: 413/413 (100%)	
History of severe COPD (HXCOPD):	No: 413/413 (100%)		No: 413/413 (100%)	
Ventilator dependent (VENTILAT):	No: 413/413 (100%)		No: 413/413 (100%)	
Preop Acute Kidney Injury (RENAFAIL):	No: 288/413 (69.7%)		No: 288/413 (69.7%)	

	No Response: 125/413(30.3%)		No Response: 125/413(30.3%)	
Preop Dialysis (DIALYSIS):	No: 413/413 (100%)		No: 413/413 (100%)	
Immunosuppressive Therapy (STEROID):	No: 403/413 (97.6%) Yes: 10/413 (2.4%)		No: 403/413 (97.6%) Yes: 10/413 (2.4%)	
Bleeding disorders (BLEEDDIS):	No: 411/413 (99.5%) Yes: 2/413 (0.5%)		No: 411/413 (99.5%) Yes: 2/413 (0.5%)	
Malnourishment (WTLOSS):	No: 154/413 (37.3%) No Response: (62.7%)		No: 154/413 (37.3%) No Response: (62.7%)	
Hypertension requiring medication (HYPERMED):	No: 377/413 (91.3%) Yes: 36/413 (8.7%)		No: 377/413 (91.3%) Yes: 36/413 (8.7%)	
Diabetes Mellitus Requiring Therapy with Non-Insulin Agents or Insulin (DIABETES):	INSULIN: 10/413 (2.4%) NO: 392/413 (94.9%) NON-INSULIN: 11/413 (2.7%)		INSULIN: 10/413 (2.4%) NO: 392/413 (94.9%) NON-INSULIN: 11/413 (2.7%)	
Disseminated cancer (DISCANCR):	No: 413/413 (100%)		No: 413/413 (100%)	

Sample table 4: **Operative variables**

Operative variables	ALL	COHORT A	COHORT B	p-value
	CPT 57291 OR 57292 OR 55970 OR 57335	CPT 57291 OR 57292 OR 55970 OR 57335 WITH 49329	CPT 57291 OR 57292 OR 55970 OR 57335	NOTE: All pts must have diagnosis of gender dysphoria

		("Vaginoplasty with peritoneal pull-through")	without CPT 49329 ("Vaginoplasty alone")	PODIAG10 F64.0, F64.1, F64.2, F64.3, F64.4, F64.5, F64.6, F64.7, F64.8, 64.9, and/or Z87.890
Year of operation (PUFYEAR):	2019: 91/413 (22%) 2020: 63/413 (15.3%) 2021: 125/413 (30.3%) 2022: 134/413 (32.4%)		2019: 91/413 (22%) 2020: 63/413 (15.3%) 2021: 125/413 (30.3%) 2022: 134/413 (32.4%)	
Total operation time (OPTIME):	Mean: 273.6 minutes Std: 131.1 minutes Median: 252 minutes Min: 28 minutes Max: 689 minutes		Mean: 273.6 minutes Std: 131.1 minutes Median: 252 minutes Min: 28 minutes Max: 689 minutes	
Hospital discharge Year (HDISDT):	2019: 90/413 (21.8%) 2020: 64/413 (15.5%) 2021: 124/413 (30%) 2022: 135/413 (32.7%)		2019: 90/413 (21.8%) 2020: 64/413 (15.5%) 2021: 124/413 (30%) 2022: 135/413 (32.7%)	
Length of total hospital stay (TOTHLOS):	Mean: 4.34 days Std: 2.26 days Median: 4 days Min: 0 day Max: 15 days		Mean: 4.34 days Std: 2.26 days Median: 4 days Min: 0 day Max: 15 days	

Number of blood transfusions (NOTHBLEED):	0: 397/413 (96.1%) 1: 16/413 (3.9%)		0: 397/413 (96.1%) 1: 16/413 (3.9%)	
Still in Hospital > 30 days (STILLINHOSP):	No: 413/413(100%)		No: 413/413(100%)	
Concurrent procedures CONCURR1: CONCPT1:	<p>AMPUTATION PENIS COMPLETE (CPT 54125): 12/62 (19.4%)</p> <p>CYSTOURETHROSCOPY (CPT 52000): 1/62 (1.6%)</p> <p>EXPL RPR & PRESACRAL DRG RECTAL INJURY (CPT 45562): 1/62 (1.6%)</p> <p>INTERSEX SURG MALE FEMALE (CPT 55970): 1/62 (1.6%)</p> <p>LAPS COLECTOMY PRTL W/COLOPXTSTM Y LW ANAST (CPT 44207): 2/62 (3.2%)</p> <p>LARYNGOPLAST Y CRICOID SPLIT W/O GRAFT PLACEMENT (CPT 31587): 1/62 (1.6%)</p> <p>ORCHIECTOMY RADICAL TUMOR</p>		<p>AMPUTATION PENIS COMPLETE (CPT 54125): 12/62 (19.4%)</p> <p>CYSTOURETHROSCOPY (CPT 52000): 1/62 (1.6%)</p> <p>EXPL RPR & PRESACRAL DRG RECTAL INJURY (CPT 45562): 1/62 (1.6%)</p> <p>INTERSEX SURG MALE FEMALE (CPT 55970): 1/62 (1.6%)</p> <p>LAPS COLECTOMY PRTL W/COLOPXTSTM Y LW ANAST (CPT 44207): 2/62 (3.2%)</p> <p>LARYNGOPLAST Y CRICOID SPLIT W/O GRAFT PLACEMENT (CPT 31587): 1/62 (1.6%)</p> <p>ORCHIECTOMY RADICAL TUMOR</p>	

	<p>INGUINAL APPROACH (CPT 54530): 2/62 (3.2%)</p> <p>ORCHIECTOMY SIMPLE SCROTAL/INGUINAL APPROACH (CPT 54520): 21/62 (33.9%)</p> <p>PROCTOSGMDS C RGD DX W/WO COLLJ SPEC BR/WA SPX (CPT 45300): 1/62 (1.6%)</p> <p>SPLIT AGRFT F/S/N/H/F/G/M/ D GT 1ST 100 CM/</1 % (CPT 15120): 1/62 (1.6%)</p> <p>SPLIT AGRFT T/A/L EA 100 CM/EA 1% BDY INFT/CHLD (CPT 15101): 1/62 (1.6%)</p> <p>UNLISTED PROCEDURE URINARY SYSTEM (CPT 53899): 2/62 (3.2%)</p> <p>URETHROPLAST Y 1 STG RECNST MALE ANTERIOR URETHRA (CPT 53410): 1/62 (1.6%)</p>		<p>INGUINAL APPROACH (CPT 54530): 2/62 (3.2%)</p> <p>ORCHIECTOMY SIMPLE SCROTAL/INGUINAL APPROACH (CPT 54520): 21/62 (33.9%)</p> <p>PROCTOSGMDS C RGD DX W/WO COLLJ SPEC BR/WA SPX (CPT 45300): 1/62 (1.6%)</p> <p>SPLIT AGRFT F/S/N/H/F/G/M/ D GT 1ST 100 CM/</1 % (CPT 15120): 1/62 (1.6%)</p> <p>SPLIT AGRFT T/A/L EA 100 CM/EA 1% BDY INFT/CHLD (CPT 15101): 1/62 (1.6%)</p> <p>UNLISTED PROCEDURE URINARY SYSTEM (CPT 53899): 2/62 (3.2%)</p> <p>URETHROPLAST Y 1 STG RECNST MALE ANTERIOR URETHRA (CPT 53410): 1/62 (1.6%)</p>	
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	<p>URETHROPLASTY RCNSTJ FEMALE URETHRA (CPT 53430): 10/62 (16.1%)</p> <p>URTP TRANSPUBIC/PR NL 1 STG RCNSTJ/RPR URT (CPT 53415): 2/62 (3.2%)</p> <p>VAGINOPLASTY INTERSEX STATE (CPT 57335): 3/62 (4.8%)</p>		<p>URETHROPLASTY RCNSTJ FEMALE URETHRA (CPT 53430): 10/62 (16.1%)</p> <p>URTP TRANSPUBIC/PR NL 1 STG RCNSTJ/RPR URT (CPT 53415): 2/62 (3.2%)</p> <p>VAGINOPLASTY INTERSEX STATE (CPT 57335): 3/62 (4.8%)</p>	
<p>CONCURR2: CONCPT2:</p>	<p>1 STG PERINEAL HYPOSPADIAS RPR W/GRF&/FLAP (CPT 54336): 1/40 (2.5%)</p> <p>AMNIOCENTESIS DIAGNOSIC (CPT 59000): 1/40 (2.5%)</p> <p>AMPUTATION PENIS COMPLETE (CPT 54125): 13/40 (32.5%)</p> <p>CLITOROPLASTY INTERSEX STATE (CPT 56805): 1/40 (2.5%)</p> <p>COLECTOMY PARTIAL W/ANASTOMOSIS (CPT 44140): 1/40 (2.5%)</p>		<p>1 STG PERINEAL HYPOSPADIAS RPR W/GRF&/FLAP (CPT 54336): 1/40 (2.5%)</p> <p>AMNIOCENTESIS DIAGNOSIC (CPT 59000): 1/40 (2.5%)</p> <p>AMPUTATION PENIS COMPLETE (CPT 54125): 13/40 (32.5%)</p> <p>CLITOROPLASTY INTERSEX STATE (CPT 56805): 1/40 (2.5%)</p> <p>COLECTOMY PARTIAL W/ANASTOMOSIS (CPT 44140): 1/40 (2.5%)</p>	

	COLPOSCOPY ENTIRE VAGINA W/CERVIX IF PRESENT (CPT 57420): 1/40 (2.5%)		COLPOSCOPY ENTIRE VAGINA W/CERVIX IF PRESENT (CPT 57420): 1/40 (2.5%)	
	CONSTRUCTION ARTIFICIAL VAGINA W/GRAFT (CPT 57292): 1/40 (2.5%)		CONSTRUCTION ARTIFICIAL VAGINA W/GRAFT (CPT 57292): 1/40 (2.5%)	
	ORCHIECTOMY SIMPLE SCROTAL/INGUI NAL APPROACH (CPT 54520): 13/40 (32.5%)		ORCHIECTOMY SIMPLE SCROTAL/INGUI NAL APPROACH (CPT 54520): 13/40 (32.5%)	
	SPLIT AGRFT T/A/L 1ST 100 CM/&/1% BDY INFT/CHLD (CPT 15100): 1/40 (2.5%)		SPLIT AGRFT T/A/L 1ST 100 CM/&/1% BDY INFT/CHLD (CPT 15100): 1/40 (2.5%)	
	UNLISTED PROCEDURE URINARY SYSTEM (CPT 53899): 2/40 (5%)		UNLISTED PROCEDURE URINARY SYSTEM (CPT 53899): 2/40 (5%)	
	URETHROPLAST Y 1 STG RECNST MALE ANTERIOR URETHRA (CPT 53410): 1/40 (2.5%)		URETHROPLAST Y 1 STG RECNST MALE ANTERIOR URETHRA (CPT 53410): 1/40 (2.5%)	
	URETHROPLAST Y RCNSTJ FEMALE URETHRA (CPT 53430): 2/40 (5%)		URETHROPLAST Y RCNSTJ FEMALE URETHRA (CPT 53430): 2/40 (5%)	

	<p>URETHROTOMY/ URETHROSTOMY XT SPX PERINEAL URETHRA (CPT 53010): 1/40 (2.5%)</p> <p>URTP TRANSPUBIC/PR NL 1 STG RCNSTJ/RPR URT (CPT 53415): 1/40 (2.5%)</p>		<p>URETHROTOMY/ URETHROSTOMY XT SPX PERINEAL URETHRA (CPT 53010): 1/40 (2.5%)</p> <p>URTP TRANSPUBIC/PR NL 1 STG RCNSTJ/RPR URT (CPT 53415): 1/40 (2.5%)</p>	
CONCURR3: CONCPT3:	<p>AMPUTATION PENIS COMPLETE (CPT 54125): 1/14 (7.1%)</p> <p>CONSTRUCTION ARTIFICIAL VAGINA W/O GRAFT (CPT 57291): 1/14 (7.1%)</p> <p>ORCHIECTOMY SIMPLE SCROTAL/INGUI NAL APPROACH (CPT 54520): 4/14 (28.6%)</p> <p>SCROTOPLASTY COMPLICATED (CPT 55180): 1/14 (7.1%)</p> <p>URETHROPLAST Y RCNSTJ FEMALE URETHRA (CPT 53430): 6/14 (42.9%)</p> <p>URTP TRANSPUBIC/PR</p>		<p>AMPUTATION PENIS COMPLETE (CPT 54125): 1/14 (7.1%)</p> <p>CONSTRUCTION ARTIFICIAL VAGINA W/O GRAFT (CPT 57291): 1/14 (7.1%)</p> <p>ORCHIECTOMY SIMPLE SCROTAL/INGUI NAL APPROACH (CPT 54520): 4/14 (28.6%)</p> <p>SCROTOPLASTY COMPLICATED (CPT 55180): 1/14 (7.1%)</p> <p>URETHROPLAST Y RCNSTJ FEMALE URETHRA (CPT 53430): 6/14 (42.9%)</p> <p>URTP TRANSPUBIC/PR</p>	

	NL 1 STG RCNSTJ/RPR URT (CPT 53415): 1/14(7.1%)		NL 1 STG RCNSTJ/RPR URT (CPT 53415): 1/14(7.1%)	
CONCURR4: CONCPT4:	<p>AMPUTATION PENIS COMPLETE (CPT 54125): 1/6 (16.7%)</p> <p>CLITOROPLASTY INTERSEX STATE (CPT 56805): 1/6 (16.7%)</p> <p>FRMJ DIR/TUBE PEDCL W/WOTR FH/CH/CH/M/N/ AX/G/H/F (CPT 15574): 1/6 (16.7%)</p> <p>RPR NFLTBL URETHRAL/BLAD DER NECK SPHINCTER (CPT 53449): 1/6 (16.7%)</p> <p>URETHROPLAST Y 1 STG RECNST MALE ANTERIOR URETHRA (CPT 53410): 1/6 (16.7%)</p> <p>URETHROPLAST Y RCNSTJ FEMALE URETHRA (CPT 53430): 1/6 (16.7%)</p>		<p>AMPUTATION PENIS COMPLETE (CPT 54125): 1/6 (16.7%)</p> <p>CLITOROPLASTY INTERSEX STATE (CPT 56805): 1/6 (16.7%)</p> <p>FRMJ DIR/TUBE PEDCL W/WOTR FH/CH/CH/M/N/ AX/G/H/F (CPT 15574): 1/6 (16.7%)</p> <p>RPR NFLTBL URETHRAL/BLAD DER NECK SPHINCTER (CPT 53449): 1/6 (16.7%)</p> <p>URETHROPLAST Y 1 STG RECNST MALE ANTERIOR URETHRA (CPT 53410): 1/6 (16.7%)</p> <p>URETHROPLAST Y RCNSTJ FEMALE URETHRA (CPT 53430): 1/6 (16.7%)</p>	
CONCURR5: CONCPT5:	CYSTOURETHRO SCOPY (CPT 52000): 1/4 (25%)		CYSTOURETHRO SCOPY (CPT 52000): 1/4 (25%)	

	UNLISTED PROCEDURE URINARY SYSTEM (CPT 53899): 1/4 (25%) URETHROPLAST Y RCNSTJ FEMALE URETHRA (CPT 53430): 2/4 (50%)		UNLISTED PROCEDURE URINARY SYSTEM (CPT 53899): 1/4 (25%) URETHROPLAST Y RCNSTJ FEMALE URETHRA (CPT 53430): 2/4 (50%)	
CONCURR6: CONCPT6:	CLITOROPLASTY INTERSEX STATE (CPT 56805): 2/2 (100%)		CLITOROPLASTY INTERSEX STATE (CPT 56805): 2/2 (100%)	
All Concurrent procedures (CONCPT1, CONCPT2, CONCPT3, CONCPT4, CONCPT5, CONCPT6)	54520: 38/128 (29.7%) 54125: 27/128 (21.1%) 53430: 21/128 (16.4%) 53899: 5/128 (3.9%) 53415: 4/128 (3.1%) 56805: 4/128 (3.1%) 53410: 3/128 (2.3%) 57335: 3/128 (2.3%) 44207: 2/128 (1.6%) 52000: 2/128 (1.6%) 54530: 2/128 (1.6%) 53449: 1/128 (0.8%) 55180: 1/128 (0.8%) 54336: 1/128 (0.8%)		54520: 38/128 (29.7%) 54125: 27/128 (21.1%) 53430: 21/128 (16.4%) 53899: 5/128 (3.9%) 53415: 4/128 (3.1%) 56805: 4/128 (3.1%) 53410: 3/128 (2.3%) 57335: 3/128 (2.3%) 44207: 2/128 (1.6%) 52000: 2/128 (1.6%) 54530: 2/128 (1.6%) 53449: 1/128 (0.8%) 55180: 1/128 (0.8%) 54336: 1/128 (0.8%)	

57291: 1/128 (0.8%)	57291: 1/128 (0.8%)	
57292: 1/128 (0.8%)	57292: 1/128 (0.8%)	
53010: 1/128 (0.8%)	53010: 1/128 (0.8%)	
59000: 1/128 (0.8%)	59000: 1/128 (0.8%)	
15120: 1/128 (0.8%)	15120: 1/128 (0.8%)	
15100: 1/128 (0.8%)	15100: 1/128 (0.8%)	
44140: 1/128 (0.8%)	44140: 1/128 (0.8%)	
57420: 1/128 (0.8%)	57420: 1/128 (0.8%)	
31587: 1/128 (0.8%)	31587: 1/128 (0.8%)	
45300: 1/128 (0.8%)	45300: 1/128 (0.8%)	
45562: 1/128 (0.8%)	45562: 1/128 (0.8%)	
15101: 1/128 (0.8%)	15101: 1/128 (0.8%)	
55970: 1/128 (0.8%)	55970: 1/128 (0.8%)	
15574: 1/128 (0.8%)	15574: 1/128 (0.8%)	