

Section 6

Differences between those with successful surgery and those with non-curative surgery

	Surgery successful (n = 251)	Non-curative surgery (n = 23)	P
Male	54/60 (90.0%)	6/60 (10.0%)	
Female	197/214 (92.1%)	17/214 (7.9%)	0.612
Adenoma identified on any imaging	237/259 (91.5%)	22/259 (8.5%)	
No adenoma identified on any imaging	12/13 (92.3%)	1/13 (7.7%)	1 (fisher test)
Adenoma identified on US	187/199 (94.0%)	12/199 (6.0%)	
No adenoma identified on US	50/58 (86.2%)	8/58 (13.8%)	0.052
Single imaging modality	133/140 (95.0%)	7/140 (5.0%)	
More than one imaging modality	116/132 (87.9%)	16/132 (12.1%)	0.035
Age at PTH (years)	60 (50 – 69)	64 (54 – 71)	0.302
BMI (kg/m ²)	27.8 (24.5 – 32.1) (n = 168)	28.1 (22.5 – 31.3) (n = 17)	0.517
SIMD	3286 (2271 – 4147)	4345 (3153 – 5966)	0.664
Adjusted calcium (mM)	2.78 (2.68 – 2.83)	2.74 (2.63 – 2.96)	0.908
Peak calcium (mM)	2.93 (2.82 – 3.06)	2.96 (2.88 – 3.01)	0.212
Calcium (mM)	2.80 (2.71 – 2.93)	2.84 (2.70 – 2.99)	0.696
PTH (pM)	15.1 (10.0 – 20.7)	12.1 (9.3 – 18.6)	0.372
Vitamin D (nM)	31 (21 – 47) (n = 142)	28 (21 – 60) (n = 17)	0.832
Phosphate (mM)	0.82 (0.73 – 0.95)	0.90 (0.80 – 0.99)	0.374
Creatinine (µM)	69 (62 – 80)	77 (68 – 87)	0.152
Magnesium (mM)	0.84 (0.73 – 0.90) (n = 84)	0.84 (0.76 – 0.89) (n = 13)	0.820
Urine calcium/litre (mM)	4.3 (2.4 – 5.9) (n = 161)	5.1 (2.9 – 6.0) (n = 12)	0.507
Urine CCCR	0.018 (0.012 – 0.024) (n = 101)	0.020 (0.008 – 0.025) (n = 13)	0.845
Adenoma size on ultrasound (mm)	29 (16 – 43) (n = 186)	19 (12 – 26) (n = 12)	0.125