

Section 5.A

Differences between those who had parathyroid surgery and those who did not

	Surgery yes (n = 274)	Surgery no (n = 337)	P
Male	60/108 (55.6%)	48/108 (44.4%)	
Female	214/503 (42.5%)	289/503 (57.5%)	0.014
Adenoma identified on any imaging	259/338 (76.6%)	79/338 (23.4%)	
No adenoma identified on any imaging	13/56 (23.2%)	43/56 (76.8%)	<0.001
Adenoma identified on US	199/247 (80.6%)	48/247 (19.4%)	
No adenoma identified on US	58/127 (45.7%)	69/127 (54.3%)	<0.001
Renal stones – yes	62/85 (72.9%)	23/85 (27.1%)	
Renal stones – no	212/526 (40.3%)	314/526 (59.7%)	<0.001
Osteoporosis – yes	89/223 (39.9%)	134/223 (60.1%)	
Osteoporosis - no	107/238 (45.0%)	131/238 (55.0%)	0.273
Age at PTH	61 (50 – 70)	74 (66 – 81)	<0.001
BMI (kg/m ²)	27.8 (24.5 – 32.0)	27.8 (24.2 – 31.6)	0.593
SIMD	4287 (2284 – 6199)	4449 (2340 – 6211)	0.878
Adjusted calcium (mM)	2.78 (2.68 – 2.92)	2.70 (2.64 – 2.78)	<0.001
Peak calcium (mM)	2.94 (2.82 – 3.06)	2.79 (2.71 – 2.88)	<0.001
Calcium (mM)	2.80 (2.71 – 2.94)	2.69 (2.64 – 2.77)	<0.001
PTH (pM)	14.3 (10.0 – 20.2)	11.4 (8.8 – 14.3)	<0.001
Vitamin D (nM)	31 (21 – 48)	31 (22 – 47)	0.583
Phosphate (mM)	0.83 (0.73 – 0.96)	0.94 (0.83 – 1.05)	<0.001
Creatinine (µM)	70 (62 – 81)	74 (64 – 90)	<0.001
Magnesium (mM)	0.84 (0.73 – 0.90)	0.83 (0.73 – 0.91)	0.905
Urine calcium/litre (mM)	4.3 (2.5 – 5.9)	2.9 (1.7 – 4.3)	<0.001
Urine CCCR	0.018 (0.012 – 0.024)	0.014 (0.008 – 0.019)	0.001
Adenoma size on ultrasound (mm)	28 (16 – 42)	24 (8 – 56)	0.276