

Section 3.A

Neck imaging: differences between those in whom it was and was not performed

	Neck imaging (n = 396)	No neck imaging (n = 215)	P
Age at PTH	64 (53 - 73)	76 (67 - 74)	<0.001
BMI (kg/m ²)	28.3 (24.1 - 32.3)	28.2 (24.5 - 31.4)	0.819
SIMD rank	4418 (2274 - 6211)	4324 (2462 - 6200)	0.858
Adjusted calcium (mM)	2.75 (2.66 - 2.89)	2.70 (2.63 - 2.71)	<0.001
Calcium (mM)	2.77 (2.68 - 2.89)	2.69 (2.64 - 2.75)	<0.001
Peak calcium (mM)	2.89 (2.80 - 3.04)	2.76 (2.70 - 2.86)	<0.001
PTH (pM)	13.5 (9.7 - 19.4)	11.0 (8.7 - 13.5)	<0.001
Phosphate (mM)	0.85 (0.73 - 0.97)	0.96 (0.86 - 1.10)	<0.001
Vitamin D (nM)	30 (21 - 48)	32 (23 - 46)	0.606
Creatinine (µM)	70 (62 - 84)	74 (66 - 90)	0.003
Urine CCCR	0.017 (0.011 - 0.023)	0.012 (0.007 - 0.017)	<0.001
Urine calcium/litre (mM)	3.9 (2.3 - 5.5)	2.8 (1.5 - 4.4)	<0.001
Female	317/503 (63.0%)	186/503 (37.0%)	
Male	79/108 (73.1%)	29/108 (26.9%)	0.046
CV disease present	57/102 (55.9%)	45/102 (44.1%)	
No CV disease	339/509 (66.6%)	170/509 (33.4%)	0.039
Renal stones at presentation	54/61 (88.5%)	7/61 (11.5%)	
No renal stones at presentation	342/550 (62.2%)	208/550 (37.8%)	<0.001
Previous fracture	63/100 (63.0%)	37/100 (37.0%)	
No previous fracture	333/511 (65.2%)	178/511 (34.8%)	0.678
Osteoporosis	140/223 (62.8%)	83/223 (37.2%)	
No osteoporosis	151/238 (63.4%)	87/238 (36.6%)	0.882

Logistic regression for who gets imaged:

	B (SE)	LOWER CI	OR	UPPER CI	P
Intercept	-0.836 (2.330)				
Age	-0.093 (0.011)	0.892	0.912	0.930	<0.001
Phosphate	-2.937 (0.635)	0.015	0.053	0.180	<0.001
Adjusted Ca	3.645 (0.843)	7.643	38.280	209.124	<0.001
PTH	0.031 (0.013)	1.007	1.031	1.061	0.022
Renal stones at presentation	0.924 (0.464)	1.067	2.520	6.736	0.046