

Supplementary Table S1: Biological data

	N	Total (n=170)	N	Group 1 (n=96)	N	Group 2 (n=74)	p-value
BIOCHEMISTRY RESULTS							
Calcium [mmol/l]	123 ¹	94 (91 to 97)	79	94 (91 to 97)	44	94 (89.5 to 96.5)	0.38
25(OH) vitamin D [ng/ml]	145 ²	27 (18 to 33)	88	26 (17 to 31.5)	57	28 (22 to 34)	0.057
Serum PTH [pg/ml]	117 ³	52 (39 to 74)	74	54.5 (40 to 80)	43	45 (36 to 64)	0.17
Creatinine [μmol/l]	105 ⁴	7 (6 to 9)	74	7.5 (7 to 9)	31	7 (6 to 9)	0.076
Hs-CRP [mg/l]	106 ⁶	3.6 (1.4 to 6.0)	72	3.8 (1.4 to 7.4)	34	3.1 (1.4 to 6)	0.71
Hba1c [%]	134 ⁷	5.8 (5.4 to 6.5)	85	5.8 (5.5 to 6.7)	49	5.5 (5.3 to 6.1)	0.049

Values expressed as number (%). mean ± SD or median (IQR); Abbreviations: SD = Standard Deviation; IQR = Interquartile Range; PTH = parathyroid hormone

¹ Calcium measurements were not available in 47 patients

² 25(OH) vitamin D measurements were not available in 25 patients

³ Serum PTH measurements were not available in 53 patients

⁴ Creatinine measurements were not performed in 65 patients

⁶ Hs-CRP measurements were not available in 64 patients

⁷ Hba1c measurements were not performed in 36 women.

Supplementary Table S2: Relationships between predetermined risk factors and treatment eligibility

Subgroups	ECTS Guidelines		P-value
	Not eligible for osteoporosis treatment (% or Mean ± SD) N=137	Eligible for osteoporosis treatment (% or Mean ± SD) N=33	
Gender			

Men	21 (15.6)	4 (12.1)	0.79
Women	114 (84.4)	29 (87.9)	
Smoking			
Yes	12 (8.9)	7 (21.2)	0.063
No	123 (91.1)	26 (78.8)	
History of bariatric surgery			
Yes	78 (57.8)	23 (69.7)	0.21
No	57 (42.2)	10 (30.3)	
History of malabsorptive surgery			
Yes	55 (71.4)	18 (78.3)	0.52
No	22 (28.6)	5 (21.7)	
Age	58 (55 to 63)	60 (57 to 65)	0.21
Body Mass Index	38.3 (33.1 to 42.6)	33.3 (29.8 to 39.1)	0.011
25(OH) vitamin D	27 (18 to 32)	26 (18 to 34)	0.85
Charlson Comorbidity Index	2 (1 to 3)	1.5 (1 to 3)	0.67

*Values expressed as number (%) and median (IQR)

IQR = Interquartile Range

