

Summarised results for self-identifying women (using 30k threshold)

	How scenario is different from the base-case.	Identification strategies potentially ¹ cost-effective from what age (years)?	Percentage of women age 50 or older that were opportunistically assessed that would be offered a BMD scan (%) [∇]	Percentage of women age 50 or older that were opportunistically assessed that would be treated (%) ^{∇ψ}
Base-case	-	50	75.8	19.7
1	0% efficacy on CRF	60	71.2	17.2
2	Vertebra; disutility set to hip in year 1	50	67.9	15.5

Detailed results

Basecase

Age (years)	1 Clinical Risk Factor	2 Clinical Risk Factors	3 Clinical Risk Factors	CPQ of strategy
50-54 years	Do not BMD	Do not BMD	BMD and treat where T-Score <-1.5 SD	£22,358
55 - 59 years	Do not BMD	BMD and treat where T-Score <-2.0 SD	BMD and treat where T-Score <-1.5 SD	£22,221
60-64 years	BMD and treat where T-Score <-2.5 SD	BMD and treat where T-Score <-2.0 SD	BMD and treat where T-Score <-1.0 SD	£21,984
65 - 69 years	BMD and treat where T-Score <-2.5 SD	BMD and treat where T-Score <-2.0 SD	BMD and treat where T-Score <-1.0 SD	£18,176
70-74 years	BMD and treat where T-Score <1.0 SD	BMD and treat where T-Score <0.0 SD	BMD and treat where T-Score <1.0 SD	£13,593
75 years and over	BMD and treat where T-Score <-0.5 SD	BMD and treat where T-Score <0.5 SD	BMD and treat where T-Score <1.0 SD	£8,251

¹ Assuming a cost per QALY of £30,000

0% CRF

Age (years)		CPQ of strategy
60-64 years	BMD and treat where T-Score <-2.5 SD	£27,959
65 - 69 years	BMD and treat where T-Score <-2.5 SD	£20,942
70-74 years	BMD and treat where T-Score <1.0 SD	£16,661
75 years and over	BMD and treat where T-Score <-0.5 SD	£11,836

Vertebral disutility as hip in initial year

Age (years)	1 Clinical Risk Factor	2 Clinical Risk Factors	3 Clinical Risk Factors	CPQ of strategy
50-54 years	Do not BMD	Do not BMD	BMD and treat where T-Score <-2.0 SD	£22,896
55 - 59 years	Do not BMD	BMD and treat where T-Score <-2.5 SD	BMD and treat where T-Score <-1.5 SD	£23,498
60-64 years	Do not BMD	BMD and treat where T-Score <-2.5 SD	BMD and treat where T-Score <-1.5 SD	£18,034
65 - 69 years	BMD and treat where T-Score <-2.5 SD	BMD and treat where T-Score <-2.0 SD	BMD and treat where T-Score <-1.5 SD	£21,333
70-74 years	BMD and treat where T-Score <-1.5 SD	BMD and treat where T-Score <-1.0 SD	BMD and treat where T-Score <0.0 SD	£14,752
75 years and over	BMD and treat where T-Score <-1.0 SD	BMD and treat where T-Score <-0.5 SD	BMD and treat where T-Score <0.5 SD	£9,139