





SSA STEPHEN'S AIDS T	DEXA is gold stan measurement in	dard for BMD Clinical Practice	
	WHO Criteria for Diagnosin	g Osteonorosis (T-scores)	
	lormat		
L	ow bone mass (osteopaenia)	-1 to -2.5	
C	osteoporosis	<-2.5	
L			
		Chelsea and Westminster Hospi NHS Foundation 1	ital NHS



SSAT ST STEPHEN'S AIDS TRUE	Meta-analysis of risk of reduced bone mineral density in HIV and controls					
[Publication	on Number of patients			BMD	
		HIV+	HIV-	HIV+	HIV-	
	Amiel et al 2004	148	81	82.5	35.8	
	Brown et al 2004	51	22	63	32	
	Bruera et al 2003	111	31	64.8	13	
	Dolan <i>et al</i> 2004	84	63	63	35	
	Huang et al 2002	15	9	66.6	11	
	Knobel <i>et al</i> 2001	80	100	87.5	30	
	Loiseau-Peres et al 2002	47	47	68	34	
	Madeddu <i>et al</i> 2004	172	64	59.3	7.8	
	Tebas et al 2000	95	17	40	29	
	Teichman <i>et al</i> 2003	50	50	76	4	
	Yin <i>et al</i> 2005	31	186	77.4	56	
Chelsea and Westminster Hospital MS Adapted from Brown TT & Qaqish RB. AIDS 2006; 20:2165-2174						

















ST STEPHEN'S AIDS TRUE	Demographics		
		Median values (IQR)	
	Gender	85% male	
	Age	51 years (46-58)	
	Duration HIV	15 years (11-20)	
	BMI	24 kg/m ² (21-26)	
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SSAT ST STEPHEN'S AIDS TRUST	Demographics		
	Ethnicity	Number	
	White Caucasian	83	
	Black African	10	
	South East Asian	4	
	Black Caribbean	1	
	Middle Eastern	1	
	Indian Asian	1	
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ST ST	CSI T-score <-1.0 to correctly identify osteoporosis at LS or FN using DEXA					
	CSI T-score	Osteoporosis	No Osteoporosis			
		(<u><</u> -2.5)				
	Positive	15	42			
	<u><</u> -1.0		(36 osteopaenic)			
	Negative	0	43			
	> -1.0		(19 osteopaenic)			
		Sensitivity = 100%	Specificity = 51%			
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