

Relation between bone mass parameters and fracture load at the femoral neck

Parameters	All groups		Alendronate-treated groups (ALN and ALN + Vit.D)		Vitamin D ₃ -treated groups (Vit.D and ALN + Vit.D)		Combined treatment group (ALN + Vit.D)	
	Correlation	Significance	Correlation	Significance	Correlation	Significance	Correlation	Significance
	coefficient (<i>r</i>)	(<i>p</i>)	coefficient (<i>r</i>)	(<i>p</i>)	coefficient (<i>r</i>)	(<i>p</i>)	coefficient (<i>r</i>)	(<i>p</i>)
Total BMC	0.509	0.004	0.616	0.033	0.596	0.043	0.825	0.043
Total BMD	0.336	0.070	0.554	0.061	0.510	0.086	0.210	0.704
Cortical BMC	0.492	0.006	0.665	0.018	0.588	0.048	0.743	0.091
Cortical BMD	0.308	0.098	0.550	0.064	0.492	0.092	0.183	0.729
Cancellous BMC	0.351	0.058	0.393	0.207	0.171	0.595	0.421	0.405
Cancellous BMD	0.259	0.166	0.436	0.110	0.236	0.459	0.758	0.081
Cortical bone thickness	0.063	0.740	0.041	0.899	0.024	0.940	0.050	0.925
Total bone area	0.487	0.006	0.691	0.013	0.610	0.039	0.598	0.210