Supplementary Figure 1: Restricted cubic splines curve for EHOA by age after covariate adjustment. Central line represents the estimated log Odds, with shaded ribbons denoting 95% confidence interval. The vertical line indicates the threshold value of age at 63 years. The model is adjusted for sex, hypertension, body mass index, knee OA, nodular hand OA, inflammatory hand OA, Hip OA, total AUSCAN and MetS.

Supplementary Table 1: Correlation between age and metabolic syndrome (MetS) in patients with and without Erosive Hand OA (EHOA)

	No MetS	MetS	No EHOA	EHOA	Patients with MetS		
					No EHOA	EHOA	
	n (%)	n (%)	n (%)	n (%)	n (%)	n (%)	p
<63 years	457 (52,8)	64 (25,1)	297 (40,4)	209 (69,0)	39 (13,18)	20 (9,57)	0,214
≥63 years	409 (47,2)	191 (74,9)	439 (59,6)	94 (31,0)	113 (26,04)	30 (31,91)	0,245
P value	**<0,001**		**<0,001**		**<0,001**	**<0,001**	