

Supplementary Table 2. Prevalence and distribution of x-rays bone erosions during follow-up			
Bone erosions	MCP2 joints	MCP5 joints	MTP5 joints
Absence	426 (100%)	426 (100%)	420 (98.6%)
Presence	0 (0%)	0 (0%)	6 (1.4%)

At least 1 follow-up hands and feet x-ray was available for 213 CCP+ at risk individuals (median follow-up: 728 days, IQR: 382- 1396 days). Six bone erosions (all in the MTP5 joints), in 3/213 (1.4%) CCP+ at risk individuals, were detected on x-rays during the follow-up. Four out of these 6 bone erosions (one grade 1, two grade 2 and one grade 3) were documented on the baseline US scans, 3 of which in combination with synovitis. The 2 individuals with x-rays bone erosions in the MCP2 and MCP5 joints at baseline (see Supplementary Table 1) did not have further hands and feet x-rays during the follow-up.