

Supplementary Table 1 – Clinical features and traditional CVD risk factors between patient with and without coronary artery disease and obstructive coronary artery disease

						No obstructive					<i>p</i>
	No CAD		CAD		<i>p</i>	CAD		Obstructive CAD		<i>p</i>	
	(n=37)		(n=54)			(n=82)		(n=9)			
<i>Clinical Features</i>											
Tender joint count	3	(0,6)	4	(1,6)	0.553	4	(1,6)	1	(0,11)	0.972	
Swollen joint count	0	(0,2)	0	(0,2)	0.772	0	(0,2)	0	(0,2)	0.753	
Damaged joint count	1	(0,4)	3	(1,9)	0.202	2	(0,6)	3	(3,15)	0.022	
Dactylitis	0	(0,0)	0	(0,0)	0.744	0	(0,0)	0	(0,0)	0.988	
PASI (0-72)	2.4	(0.4, 5.9)	4.6	(1, 9.9)	0.061	3.6	(0.8,8.4)	4.7	(0.6,8.9)	0.461	
MASES enthesitis	0	(0,1)	0	(0,1)	0.807	0	(0,1)	1	(0,5)	0.470	
VAS Pain (0-100mm)	40	(20, 60)	33	(10, 50)	0.38	35	(20,60)	10	(3,55)	0.807	
VAS Patient Global (0-100mm)	50	(40, 70)	50	(30, 70)	0.707	50	(30,70)	40	(25,65)	0.909	

VAS Physician Global (0-100mm)	25	(10, 50)	30	(20, 45)	0.505	30	(15,50)	30	(18,35)	0.854
ESR, mm/h	25	± 18	30	± 25	0.404	28	± 23	31	± 21	0.680
CRP, mg/dL	5.0	± 4.7	7.8	± 8.8	0.051	7.1	± 7.7	4.3	± 5.5	0.342
HAQ (0-3)	0.25	(0, 1)	0.50	(0, 0.75)	0.281	0.38	(0,0.75)	0.31	(0,1.25)	0.862
<i>Traditional CVD risk factors</i>										
Body Weight, kg	70.4	± 17.5	71.4	± 11.9	0.869	70.5	± 14.8	73.9	± 9.1	0.525
BMI, kg/m2	26.3	± 6	26.1	± 3.8	0.824	26.1	± 4.9	27.3	± 2.4	0.472
Systolic Blood Pressure, mmHg	122	± 18	128	± 18	0.097	125	± 19	131	± 16	0.404
Diastolic Blood Pressure, mmHg	81	± 11	79	± 10	0.370	79	± 10	85	± 13	0.124
Hypertension	9	24.3%	29	53.7%	0.005	30	36.6%	8	88.9%	0.003
Diabetes	4	10.8%	10	18.5%	0.317	10	12.2%	4	44.4%	0.011
Dyslipidaemia	5	13.5%	18	33.3%	0.033	18	22.2%	5	55.6%	0.028
Metabolic Syndrome	6	16.2%	8	14.8%	0.856	13	15.9%	1	11.1%	0.708
Smoking	1	2.7%	0	0.0%	0.224	1	1.2%	0	0.0%	0.954

Drinking	1	2.7%	0	0.0%	0.224	1	1.2%	0	0.0%	0.954
Plasma Total Cholesterol, mmol/l	5.0 ± 0.9		5.1 ± 1		0.969	5.0 ± 1.0		5.3 ± 1.1		0.342
Plasma Total Triglyceride, mmol/l	1.3 ± 0.6		1.7 ± 1.2		0.021	1.4 ± 0.9		2.4 ± 1.4		0.009
Plasma HDL, mmol/l	1.4 ± 0.5		1.3 ± 0.4		0.421	1.4 ± 0.4		1.3 ± 0.4		0.521
Plasma LDL, mmol/l	3.1 ± 0.8		3.1 ± 0.9		0.684	3.0 ± 0.8		3.2 ± 0.7		0.379
Plasma fasting glucose, mmol/l	5.5 ± 1.8		5.7 ± 2.2		0.221	5.4 ± 1.5		7.7 ± 4.4		<0.001

PASI- Psoriasis Area Severity Index; MASES- Maastricht Ankylosing Spondylitis Enthesitis Score VAS-visual analogue scale; ESR- Erythrocyte Sedimentation Rate; CRP-C-reactive protein; HAQ-DI- Health Assessment Questionnaire disability index; BMI-body mass index; HDL-high density lipoprotein; LDL-low density lipoprotein.

Supplementary Table 2. Relationship between carotid-ultrasound parameters and the presence of calcified plaque, mixed plaque and soft plaque

	Calcified plaque						<i>p</i>
	Absent (n=63)			Present (n=28)			
Mean carotid IMT, mm	0.65	±	0.12	0.72	±	0.10	0.015
Maximum carotid IMT, mm	0.68	±	0.13	0.77	±	0.12	0.051
Carotid plaque, n(%)							
No	40		71.4%	16		28.6%	0.566
Presence	23		65.7%	12		34.3%	
Total plaque area, mm2	3.89	±	6.22	10.03	±	19.56	0.116
Mixed plaque							
	Absent (n=71)			Present (n=20)			<i>p</i>
Mean carotid IMT, mm	0.65	±	0.11	0.73	±	0.10	0.015
Maximum carotid IMT, mm	0.69	±	0.13	0.78	±	0.13	0.011
Carotid plaque, n(%)							
No	46		82.1%	10		17.9%	0.230
Presence	25		71.4%	10		28.6%	
Total plaque area, mm2	4.17	±	6.95	11.97	±	22.58	0.154
Soft plaque							
	Absent (n=51)			Present (n=40)			<i>p</i>
Mean carotid IMT, mm	0.65	±	0.12	0.70	±	0.10	0.013
Maximum carotid IMT, mm	0.68	±	0.14	0.75	±	0.11	0.003
Carotid plaque, n(%)							
No	33		58.9%	23		41.1%	0.483
Presence	18		51.4%	17		48.6%	

Total plaque area, mm2	4.97	±	10.82	7.07	±	14.5	0.454
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