

Medical or Research Professionals / Clinicians - Abstract Submission

Spondylarthritis - clinical aspects (other than treatment)

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PAST HISTORY OR PRESENT SYMPTOMS OF EXTRA-SPINAL MANIFESTATIONS ARE FREQUENT IN PATIENTS PRESENTING WITH RECENT INFLAMMATORY BACK PAIN: DATA FROM THE DESIR COHORT.

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Background: The different clinical manifestations observed in spondyloarthritis (SpA) (e.g. spinal [axial] manifestations, peripheral arthritis, enthesopathy, extra-articular features) are well recognized. However, the prevalence of such different manifestations in patients presenting with a specific symptom suggestive of SpA is not well established.

Objectives: To evaluate the prevalence of past history/current symptoms of extra-spinal manifestations in patients presenting with a recent inflammatory back pain (IBP) suggestive of SpA.

Methods: *Study design:* Cross sectional multi-centre study (data collected at baseline in the ongoing 10 years longitudinal French cohort DESIR). *Inclusion criteria:* IBP according to either the Berlin or Calin criteria of less than 3 years and suggestive of SpA according to the rheumatologist's opinion with a score of at least 5 on a 0-10 scale where 0=IBP not suggestive at all of SpA and 10=IBP very suggestive of SpA. *Data collected:* Apart from the information related to IBP, information permitting to evaluate the different SpA sets of criteria, the different clinical extra-spinal manifestations have been collected (see table).

Results: The table summarizes the prevalence of extra-spinal manifestations suggestive of SpA in the 708 recruited patients according to the study population (e.g. patients fulfilling different SpA sets of criteria).

Past-history or present symptoms of	Sets of criteria*				
	mNY (n=181)	Amor (n=548)	ESSG (n=549)	ASAS (n=475)	Total (n=708)
Anterior chest wall pain	46 %	48 %	47 %	47 %	45 %
Peripheral arthritis	22 %	25 %	23 %	22 %	21 %
Enthesiopathy at any site	41 %	56 %	63 %	48 %	49 %
Heel enthesiopathy	34 %	47 %	54 %	39 %	42 %
Acute anterior uveitis	11 %	9 %	9 %	10 %	9 %
Inflammatory Bowel Disease	7 %	5 %	6 %	4 %	4 %
Psoriasis	14 %	19 %	20 %	16 %	16 %
Any of the above	81%	85%	89%	81%	80%
At least 2 of the above	52%	64%	70%	56%	57%
At least 3 of the above	28%	39%	43%	34%	34%

*mNY = modified New York criteria; Amor = Amor criteria; ESSG = European Spondyloarthritis Study Group; ASAS = Assessment in SpondyloArthritis

Conclusions: Such data shows that the probability to notice extra-spinal manifestations in patients presenting with recent IBP is very high. These data prompt to a full interview of patients in daily practice as soon as the diagnosis of SpA is evoked and also confirm the interest of including these parameters in the sets of criteria aimed at recognizing SpA at an early stage of the disease.

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