

Additional file 1

Form for validation of Rheumatoid Arthritis diagnosis in the Swedish national patient register and the Swedish Rheumatology Quality register (SRQ)

**Prevalent patients:** two visits at a rheumatologist listing an RA-diagnosis between 2005-2008

### The 1987 ACR classification criteria for rheumatoid arthritis

4 out of 7 criteria with symptoms at least 6 weeks is needed for classification of a patient as having RA

1) Morning stiffness- at least 1 hour	
2) Arthritis in at least 3 out of 14 joint areas(pip-, mcp-, wrist-, elbow-, knee-, ankle-, mtp-joints)	
3) Arthritis of hand joints(mcp-,pip-,wrists)	
4) Symmetric arthritis (mcp-, pip-, mtp-joints)	
5) Rheumatoid nodules	
6) Positive Serum Rheumatoid factor	
7) Radiographic changes (typical of rheumatoid arthritis on posteroanterior hand and wrist radiographs)	
8) Fullfills criteria	

[illegible]

### The 2010 ACR-EULAR classification criteria for rheumatoid arthritis

Patient with at least one joint with definitive clinical synovitis.  $\geq 6$  points is needed for classification of a patient as having definite RA

<b>A. Joint involvement-</b> Refers to any swollen or tender joint on examination	
DIP, CMC 1 and MTP- 1 joints excluded from assessment	
1 large joint (shoulder, elbow, hip, knee, ankle)	
2-10 large joints	
1-3 small joint (mcp, pip, mtp 2-5, wrist, ip-1)-with or without involvement of large joints	
4-10 small joints- with or without involvement of large joints	
> 10 joints- at least one small joint(also including other joints ie. AC, SC)	
<b>B. Serology</b> (at least 1 test result is needed for classification)	
Negative RF <i>and</i> negative ACPA	
Low positive RF <i>or</i> low positive ACPA	
High positive RF <i>or</i> high positive ACPA	
<i>Low positive: IU values &gt; the ULN but &lt; 3 times the ULN .</i>	
<i>High positive: &gt; 3 times the ULN. If RF information only available as positiv=low positive</i>	
<b>C. Acute-phase reactants</b>	
Normal CRP <i>and</i> normal ESR	
Abnormal CRP <i>or</i> abnormal ESR	
<b>D. Duration of symptoms</b> (patient self-report of the duration of signs or symptoms of synovitis)	
<6 weeks	
>6 weeks	
<b>E. Fulfills criteria</b>	

Points

0

1

2

3

5

0

2

3

0

1

0

1

### Additional information

RA-diagnosis in the NPR(date when the RA-diagnosis was validated)
Included in the SRQ
Erosive disease when listed as prevalent RA (based on hand and feet radiographs )
Erosive disease 3 years after listed as prevalent RA(based on hand and feet radiographs)
Clinical RA
Other diagnosis if not RA/co-morbidity/comment(based on the medical record in Take Care)

date

date
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