ONLINE SUPPLEMENTARY DATA

Supplementary Table 1. The Delphi Questionnaire: "Part 1 - Clinical Practice".

	SCOREM1-5)	Comments
1. In clinical practice		
Biopsy sampling:		
-A minimum of 3 synovial biopsies needs to be retrieved in large joints.		
A minimum of 2 biopsies should be retrieved in small joints.		
Biopsies should be performed in at least 2 different areas of the joint if large.		
Biopsies should be performed in at least 3 different areas of the joint if large.		
Biopsies should be performed in at least 2 different areas of the joint if small.		
-Bacteriological, fungal and mycobacteriological assessment should occur in each patient.		
-Polymerase chain reaction analysis for RNA 16S should be performed for each patient.		
Polymerase chain reaction analysis for Lyme and Whipple diseases should be performed for each patient.		
Biopsy processing:		
At least 2 biopsies should be formalin-fixed and paraffin-embedded.		
The biopsies should spend 48 hours in formalin.		
The biopsies should spend 24 hours in formalin.		
1 biopsy should be snap frozen.		
-More than one biopsy should be snap frozen.		
Sections should be3 micrometers thick minimum.		
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Histological criteria:		
Synovial biopsy surface should be more than 2.5mm ² .		
A synovial lining layer should be seen.		
Morphology of the synovial tissue should be 100% preserved.		
Synovial biopsy should include a minimum of 5 vessels.		
Synovial biopsy should include a minimum of 10 vessels.		
Stroma should represent up to 30% of the biopsy area.		
Stroma should represent up to 50% of the biopsy area.		
Stroma should represent up to 60% of the biopsy area.		
Staining and IHC:		
-An H&E staining should always be performed.		
-CD3 staining should always be performed.		
CD19 or CD20 staining should always be performed.		
CD68 staining should always be performed.		
- Additional CD4 staining should always be performed.		
Additional CD4 staining should always be performed.		
FVIII or CD31 staining should always be performed.		
-Print of Clost staining should always be performed. Other staining should always be performed.		
HIC results should be given using a semi-quantitative score (0-3)		
IHC staining should be assessed using digital analysis software		
Biopsies interpretation and Pathologist's report.		
A Krenn score should always be performed to assess inflammation.		
Other scores for intensity of inflammation should be performed.		
Lining layer hyperplasia should be scored.		
Absolute number of vessels should be assessed.		
Synovial pathotype should be described.		
Presence or absence of lymphoid follicles within the membrane should be described.		
A quantitative cell count using a digital analysis should be performed because it is more accurate.		
-A semi quantitative evaluation of the number of cells is accurate enough.		
If a semi-quantitative or quantitative analysis is performed for a single biopsy, the assessment of a single area is su	ufficient.	
If a semi-quantitative or quantitative analysis is performed for a single biopsy, at least 3 area of the biopsy should		
If a semi-quantitative or quantitative analysis is performed for multiple biopsies, average score should be calculate		llvsis of inflamm
-Conclusion of the pathologist should always mention the likeliest diagnosis.		, , , , , , , , , , , , , , , , , , , ,

Supplementary Table 2. The Delphi Questionnaire: "Part 2 - Translational Research".

	SCORE®1-5) Comments	
2. In clinical research			
Biopsy sampling:			
-A minimum of 3 synovial biopsies needs to be retrieved in large joints.			
-A minimum of 2 biopsies should be retrieved in small joints.			
-Biopsies should be performed in at least 2 different areas of the joint if large.			
-Biopsies should be performed in at least 3 different areas of the joint if large.			
-Biopsies should be performed in at least 2 different areas of the joint if small.			
Biopsy processing:			
-At least 2 biopsies should be formalin-fixed and paraffin-embedded.			
-The biopsies should spend 48 hours in formalin.			
-The biopsies should spend 44 hours in formalin.			
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-1 biopsy should be snap frozen.			
-More than one biopsy should be snap frozen.			
-5 biopsies should be snap frozen to perform RNA extraction.			
-Sections should be3 micrometers thick minimum.			
Histological criteria:			
-Synovial biopsy surface should be more than 2.5mm ² .			
-A synovial lining layer should be seen.			
-Morphology of the tissue should be preserved.			
-Synovial biopsy should include a minimum of 5 vessels.			
-Synovial biopsy should include a minimum of 10 vessels.			
-Stroma should represent up to 30% of the biopsy area.			
-Stroma should represent up to 50% of the biopsy area.			
-Stroma should represent up to 60% of the biopsy area.			
Staining and IHC :			
-An H&E staining should always be performed.			
CD3 staining should always be performed.			
CD19 or CD20 staining should always be performed.			
CD68 staining should always be performed.			
CD 131 staining should always be performed.			
Additional CD4 staining should always be performed.			
Additional CD4 and CD8 staining should always be performed.			
FVIII or CD31 staining should always be performed.			
Other staining should always be performed.			
other starring should arrays be performed.			
Biopsies interpretation and Pathologist's report.			
A Krenn score should always be performed to assess inflammation.			
Other scores for intensity of inflammation should be performed.			
Lining layer hyperplasia should be scored.			
Absolute number of vessels should be assessed.			
A quantitative cell count using a digital analysis should be performed because it is mo	ore accurate.		
A semi quantitative evaluation of the number of cells is accurate enough.			
If a semi-quantitative or quantitative analysis is performed for a single biopsy: the ass	sessment of a s	ingle area is su	fficient.
If a semi-quantitative or quantitative analysis is performed for a single biopsy: at least	st 3 area of the	biopsy should b	e assesse
Average score should be calculated and given for the analysis of inflammation and va	ascularization		
Presence or absence of lymphoid follicles within the membrane should be described.			
Synovial pathotype should be described			
INA analysis			
RNA analysis			
RNA extraction should be performed in each biopsy.			
Biopsies of one patient should be pooled for RNA extraction. A minimum of 10mg of synovial tissue should be used for RNA extraction.			
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