

**Supplemental table 1. Autoimmune diseases**

Diagnosis	n*
Rheumatoid arthritis (RA)	17
Inflammatory bowel disease (IBD)	11
Lichen sclerosis	9
Sjögren's disease	6
Scleroderma / systemic sclerosis (SS)	6
Systemic lupus erythematosus (SLE)	4
Psoriasis	4
Coeliac disease	4
Vasculitis	3
Multiple sclerosis (MS)	3
Thyroid disease	35†

n= number of women with diagnosis; \* some women reported more than one autoimmune disease; † 35 women reported thyroid disease; however, it was often unknown whether this was autoimmune mediated and therefore not included in the total number of patients with autoimmune diseases

**Supplemental table 2. Laboratory test for antinuclear antibodies (ANA)**

	N	%
ANA in all women (n=358)		
Negative	233	65
Doubtful	43	12
Positive	84	23
ANA in women with diagnosed autoimmune disease (n=42)*		
Negative	14	33
Doubtful	8	19
Positive	20	48
ANA in women without autoimmune disease (n=319)		
Negative	219	69
Doubtful	36	11
Positive	64	20

ANA testing was performed by indirect immunofluorescence (IFF) with HEp-2000 cell line, with a 1:40 dilution.

\* autoimmune disease as reported in Supplementary, Table 1.