

| TABLE S1: PATIENTS' CHARACTERISTICS | | | | |
|---|-----------------------|----------------------|------------------------------------|--------------------|
| | SS (N= 77) | SAPS (N= 132) | Other diagnosis (N= 60) | p |
| Age (years), mean (SD) | 55 (14.3) | 55 (14.1) | 57 (16.1) | 0.8 |
| Gender (women), n (%) | 69 (90%) | 119 (90%) | 53 (88%) | 0.45 |
| Sicca syndrome duration (years), mean (SD) | 4.9 (5.2) | 6 (6.1) | 6.7 (6.8) | 0.09 |
| Tobacco consumption, n (%) | 25 (33%) | 49 (37%) | 19 (32%) | 0.75 |
| Personal history of auto-immune disease, n (%) | 15 (20%) | 20 (15%) | 14 (23%) | 0.87 |
| Familial history of auto-immune disease, n (%) | 14 (18%) | 31 (24%) | 10 (17%) | 0.7 |
| Use of dry mouth treatment, n (%) | 13 (17%) | 41 (31%) | 20 (33%) | 0.02 |
| Body Mass Index (kg/m ²), mean (SD) | 25.4 (5.7) | 24.4 (4.6) | 23.7 (4.6) | 0.09 |
| Raynaud phenomenon, n (%) | 20 (26%) | 27 (21%) | 13 (22%) | 0.45 |
| Arthralgia, n (%) | 53 (69%) | 102 (77%) | 39 (65%) | 0.54 |
| Previous history of lymphoma, n (%) | 2 (3%) | 1 (1%) | 0 (0%) | 0.41 |
| Parotitis, n (%) | 26 (34%) | 7 (5%) | 12 (20%) | < 0.0001 |
| Objective buccal sicca syndrome*, n (%) | 40 (52%) | 40 (30%) | 19 (32%) | 0.002 |
| Objective eye sicca syndrome**, n (%) | 61 (79%) | 68 (52%) | 34 (57%) | < 0.001 |
| ESSPRI, (0-100) mean (SD) | 58 (21) | / | / | / |
| ESSDAI \geq 5, n (%) | 2 (2) | / | / | / |
| ANA positivity, n (%) | 60 (78%) | 41 (31%) | 26 (43%) | < 0.0001 |
| SSA positivity, n (%) | 50 (65%) | 4 (3%) | 0 (0%) | < 0.0001 |
| SSB positivity, n (%) | 20 (26%) | 1 (1%) | 0 (0%) | < 0.0001 |
| RF positivity, n (%) | 26 (34%) | 6 (5%) | 9 (15%) | < 0.0001 |
| ACPA positivity, n (%) | 6 (8%) | 1 (1%) | 6 (10%) | 0.26 |
| C3 (g/L), mean (SD) | 1.1 (0.2) | 1.1 (0.2) | 1.1 (0.3) | 0.30 |
| C4 (g/L), mean (SD) | 0.2 (0.1) | 0.3 (0.2) | 0.2 (0.1) | 0.009 |
| IgG (g/L), mean (SD) | 14.6 (4.7) | 10.4 (2.2) | 12 (4) | < 0.0001 |
| Chisholm \geq 3, n (%) | 53 (69%) | 3 (2%) | 1 (2%) | < 0.0001 |
| Focus score \geq 1, n (%) | 49/72 (68%) | 3 (2%) | 1 (2%) | < 0.0001 |
| US scores | | | | |

| | | | | |
|------------------------------|-----------------|-----------------|-----------------|--------------------|
| Score 0, n (%) | 22 (29%) | 77 (58%) | 31 (52%) | < 0.0001 |
| Score 1, n (%) | 16 (21%) | 48 (36%) | 21 (35%) | 0.02 |
| Score 2, n (%) | 6 (8%) | 6 (5%) | 4 (7%) | 0.6 |
| Score 3 and 3F, n (%) | 33 (43%) | 1 (1%) | 4 (7%) | < 0.0001 |

SS, Sjogren's Syndrome

NSDS, Non-Sjogren's Dry Syndrome

ANA, anti-nuclear antibodies

RF, rheumatoid factor

*objectified by unstimulated salivary flow rate test

** objectified by Schirmer's test