

Supplemental tables

Table 1b: Patients with systemic sclerosis and two cancers.

| Patients | Age at SSc onset (years) | SSc subset | Cancer 1 | Delay between SSc diagnosis (T0) and cancer #1 onset (months) | Cancer 2 | Delay between SSc diagnosis (T0) and cancer #2 onset (months) |
|------------|--------------------------|------------|---------------------------|---|---------------------------|---|
| Patient 1 | 68 | lcSSc | synchronous breast cancer | -252 | synchronous breast cancer | 0 |
| Patient 2 | 58 | lcSSc | breast | -240 | pancreas | 108 |
| Patient 3 | 60 | lcSSc | breast | -132 | breast | 84 |
| Patient 4 | 64 | lcSSc | breast | -6 | myelodysplasia | 38 |
| Patient 5 | 45 | lcSSc | melanoma | -190 | breast | -3 |
| Patient 6 | 66 | dcSSc | colon | -27 | lung | 21 |
| Patient 7 | 69 | dcSSc | endometrium | -201 | breast | 40 |
| Patient 8 | 62 | lcSSc | B-cell lymphoma | 12 | prostate | 48 |
| Patient 9 | 73 | lcSSc | basal cell carcinoma | 95 | ampulloma | 111 |
| Patient 10 | 47 | dcSSc | oesophagus | 120 | cholangiocarcinoma | 120 |
| Patient 11 | 51 | dcSSc | basal cell carcinoma | 157 | lung | 165 |
| Patient 12 | 18 | lcSSc | synchronous lung cancer | 312 | synchronous lung cancer | 0 |

lSSc, limited cutaneous systemic sclerosis; dSSc, diffuse cutaneous systemic sclerosis.

Table 2b: Immunosuppressive treatments received by SSc patients before cancer events.

| | Breast cancers | Lung cancers | GI tract cancers | Skin cancers | Blood malignancies | Urinary tract cancers | ENT cancer | Total |
|---|----------------|--------------|------------------|--------------|--------------------|-----------------------|------------|------------|
| Number of patients with cancers diagnosed after SSc | 7 | 8 | 6 | 5 | 5 | 4 | 2 | 37 |
| Patients with IS treatment prior to cancer event | 2 (28.6%) | 3 (37.5%) | 3 (50.0%) | 2 (40.0%) | 3 (60.0%) | 4 (100.0%) | 1 (50.0%) | 18 (48.6%) |
| MTX | 2 | 2 | 3 | 2 | 2 | 2 | 0 | 13 |
| AZA | 1 | 3 | 1 | 1 | 1 | 2 | 0 | 9 |
| CYC | 0 | 2 | 1 | 1 | 2 | 2 | 1 | 9 |
| LEF | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 |
| MMF | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 2 |

SSc, systemic sclerosis; GI: gastro intestinal; ENT, ear-nose-throat; MTX, methotrexate; AZA, azathioprine; CYC, cyclophosphamide; LEF, leflunomide; MMF, mycophenolate mofetil; IS, immunosuppressants.