

## Supplementary data S1

Optical coherence tomography evaluation of pulmonary arterial vasculopathy in Systemic Sclerosis

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|            | pull-back ID | position | Vessel diameter | IMTA |
|------------|--------------|----------|-----------------|------|
| Patient 1  | 03:39:48     | LL       | 2,0             | 33   |
|            | 03:43:07     | LL       | 2,0             | 30   |
|            | 03:48:44     | RL       | 2,2             | 35   |
| Patient 2  | 02:57:33     | RL       | 2,0             | 27   |
|            | 03:00:22     | RL       | 1,9             | 34   |
| Patient 3  | 02:11:59     | LL       | 1,8             | 27   |
|            | 02:11:59     | RL       | 2,0             | 27   |
| Patient 4  | 03:16:15     | RL       | 2,1             | 27   |
|            | 03:22:29     | RL       | 2,2             | 26   |
|            | 03:31:36     | RU       | 1,9             | 35   |
| Patient 5  | 04:31:08     | LL       | 1,8             | 30   |
|            | 04:31:08     | LL       | 1,8             | 30   |
| Patient 6  | 05:10:05     | RL       | 2,1             | 20   |
|            | 05:18:08     | RL       | 2,2             | 28   |
| Patient 7  | 03:50:45     | LL       | 2,0             | 38   |
|            | 03:50:45     | LL       | 1,8             | 38   |
| Patient 8  | 12:32:12     | RL       | 1,8             | 36   |
|            | 12:38:09     | RL       | 1,8             | 36   |
|            | 12:44:07     | LL       | 2,0             | 30   |
| Patient 9  | 03:11:43     | RL       | 1,9             | 20   |
|            | 03:15:42     | LL       | 2,2             | 28   |
| Patient 10 | 03:11:45     | RL       | 1,9             | 26   |
|            | 03:18:42     | RU       | 2,2             | 23   |
|            | 03:23:27     | LL       | 2,3             | 26   |
| Patient 11 | 04:23:27     | RL       | 2,0             | 25   |
|            | 04:23:27     | RL       | 1,8             | 22   |
| Patient 12 | 03:57:21     | LL       | 2,1             | 28   |
|            | 04:08:05     | RL       | 2,0             | 34   |
| Patient 13 | 04:11:00     | RL       | 2,1             | 19   |
|            | 04:15:10     | LL       | 2,2             | 13   |
| Patient 14 | 10:26:13     | LL       | 2,0             | 23   |
|            | 10:29:50     | RL       | 2,0             | 24   |
| Patient 15 | 04:46:03     | RL       | 2,2             | 30   |
|            | 04:49:13     | RL       | 2,1             | 28   |
|            | 05:04:41     | LL       | 2,1             | 27   |
| Patient 16 | 11:41:27     | RL       | 2,0             | 17   |
|            | 12:04:38     | LL       | 2,2             | 16   |
| Control 1  | 03:51:39     | LL       | 1,8             | 21   |
|            | 03:51:39     | LL       | 2,2             | 21   |
| Control 2  | 05:36:06     | RL       | 2,2             | 21   |
|            | 05:39:52     | RL       | 2,2             | 24   |

|           |             |     |    |
|-----------|-------------|-----|----|
|           | 05:44:43 RL | 1,9 | 22 |
| Control 3 | 11:38:04 RL | 2,2 | 21 |
|           | 11:41:43 RL | 1,9 | 19 |
| Control 4 | 03:01:55 LL | 2,0 | 17 |
|           | 03:05:59 LL | 2,2 | 26 |
| Control 5 | 03:20:49 RL | 2,1 | 21 |
|           | 03:31:27 RU | 1,9 | 19 |
|           | 03:33:37 LL | 2,2 | 16 |

RL right lower lobe  
 LL left lower lobe  
 RU right upper lobe