

Supplementary Table: Used ICD-10 codes

| | ICD-10 codes |
|---------------------------------------|--|
| Diagnosis codes | |
| SSc | M34 |
| SSc with lung involvement | M3481 |
| SSc without lung involvement | All M34 codes, excluding M3481 codes |
| Comorbidities | |
| Dyslipidemia | E78 |
| Old MI | I252 |
| Atrial fibrillation/flutter | I48 |
| Chronic obstructive pulmonary disease | J41, J42, J43, J44 |
| Carotid artery disease | I652 |
| Old stroke | I63 |
| Hypertension | I10 |
| Peripheral vascular disease | I739 |
| Hypothyroidism | E03 |
| Diabetes Mellitus Type 1&2 | E10, E11 |
| Obesity | E660, E6601, E6609, E661, E662, E668, E669 |
| Congestive heart Failure | I50 |
| Chronic Kidney Disease | N18 |
| Liver disease | K70, K71, K72, K73, K74, K75, K76, K77 |
| Maintenance dialysis | Z992 |
| Oxygen dependence | Z9981 |
| Smoking | Z87891, F17200 |
| Anemia | D50, D51, D52, D53, D55, D56, D57, D58, D59, D60, D61, D62, D63, D64 |

Abbreviations:

SSc: Systemic sclerosis, MI: Myocardial infarction, ICD-10: International classification of disease, 10th classification