

**Accelerated calcein crystallization time (T50) is correlated with impaired lung diffusion capacity in systemic sclerosis**

**Supplementary material**

## Supplemental tables

### Suppl. Table S1: Patient characteristics

N numbers of SSc patients with documented characteristics and relevant medications.

	patients/total
PAH	14/78
Lung fibrosis	27/78
Dysphagy	39/78
Reflux	38/77
Raynaud	77/78
Digital ulcers	15/78
Sicca	33/74
Prednisolone	9/78
Mycophenolate mofetil	10/78
Tacrolimus	1/78
Ebetrexat	21/78
Ambrisentan	1/78
Macitentan	14/78
Sildenafil	7/78
Tadalafil	1/78
Bosentan	15/78
Treprostinil	3/78
Proton pump inhibitors	57/78
Calcium and/or Vitamin D	57/78

(PAH - pulmonary arterial hypertension)

## Suppl. Table S2: Characteristics of control group

N numbers of control patients included in the study by reason for visits at the outpatient dermatology clinic.

	N
allergy	17
basalioma	14
alopecia	1
eczema	1
drug-induced intolerance	1
lipoma	1
psoriasis vulgaris	1
raynaud	1
scar	1
St.p. Anaphylaxis	1
St.p. Exanthema	1
St.p. Urticaria	1
St.p. Urticaria, St.p. Prostata Carcinoma	1
unclear gi symptoms	1
chronic urticaria	1

### Suppl. Table S3: Associations of mRSS at baseline

Factors at baseline associated with modified Rodnan skin score (mRSS, 0-51, n=67, change in F p=0.044) in patients with SSc in a linear regression model, shown with regression coefficients (beta) and levels of significance (p value; bolded if p < 0.05).

mRSS [0-51]	beta	p
<b>Calcium [mmol]</b>	<b>-0.350</b>	<b>0.006</b>
Phosphate [mmol]	0.189	0.131
eGFR [ml/min/1.73m <sup>2</sup> ]	-0.120	0.402
Disease duration [yrs]	0.026	0.833
Body weight [kg]	-0.185	0.254
Body size [cm]	-0.180	0.311
Sex [m0/f1]	-0.256	0.111
Age [yrs]	-0.014	0.929
T50 [min]	0.029	0.862
CPP2 radius [nm]	0.137	0.406

### Suppl. table S4: Associations of mRSS at follow-up

Factors at follow-up associated with modified Rodnan skin score (mRSS, 0-51, n=46, change in F p=0.018) in patients with systemic sclerosis in a linear regression model, shown with regression coefficients (beta) and levels of significance (p value; bolded if p < 0.05).

### Suppl. table S4

mRSS [0-51]	beta	p
Calcium [mmol]	-0.127	0.428
Phosphate [mmol]	0.169	0.302
eGFR [ml/min/1.73m <sup>2</sup> ]	-0.057	0.734
Disease duration [yrs]	0.098	0.476
Body weight [kg]	-0.272	0.130
Body size [cm]	-0.226	0.279
<b>Sex [m0/f1]</b>	<b>-0.617</b>	<b>0.001</b>
Age [yrs]	-0.026	0.884
T50 [min]	-0.217	0.181
CPP2 radius [nm]	0.100	0.483