

Table 1: Demographic and clinical characteristics of study groups.

	Control group (20 n.)	CTD groups		P value
		CTD only group (20 n.)	CTD+ILD group (20 n.)	
Age (years)	<i>12±2.4</i>	<i>13±2.2</i>	<i>11.9±3.5</i>	<i>0.3847</i>
n. of Female	<i>10 (50%)</i>	<i>12 (60%)</i>	<i>13 (65%)</i>	<i>0.09072</i>
Duration of CTD (years)	-----	<i>3.2±2.5</i>	<i>2.6±1.2</i>	<i>0.3394</i>
Duration of ILD (years)	-----	-----	<i>Med. 1 y. (min 0 m.; max 3y.)</i>	-----
CTD subgroup				
JSLE	-----	<i>8 (40%)</i>	<i>10 (50%)</i>	<i>0.97036</i>
JRA	-----	<i>5 (25%)</i>	<i>5 (25%)</i>	<i>0.97036</i>
JDM	-----	<i>1 (5%)</i>	<i>0 (0%)</i>	<i>0.97036</i>
JSSc	-----	<i>2 (10%)</i>	<i>1 (5%)</i>	<i>0.97036</i>
JMCTD	-----	<i>4 (20%)</i>	<i>4 (20%)</i>	<i>0.97036</i>
Immunosuppressive agents at the baseline visit				
Prednisone > 5 mg	-----	<i>14 (70%)</i>	<i>16 (80%)</i>	<i>0.1024</i>
Methotrexate	-----	<i>7 (35%)</i>	<i>9 (45%)</i>	<i>0.1489</i>
Azathioprine	-----	<i>2 (10%)</i>	<i>1 (5%)</i>	<i>0.1794</i>
cyclophosphamide	-----	<i>3 (15%)</i>	<i>3 (15%)</i>	<i>1</i>

JRA: juvenile rheumatoid arthritis, JSLE: juvenile systemic lupus erythematosus, JSSc: juvenile systemic sclerosis, JDM: juvenile dermatomyositis, JMCTD: juvenile mixed connective tissue disease.

One-way ANOVA, Chi-Square, and Paired sample T tests, P > 0.05: no significant differences, P < 0.05: significant differences, P < 0.001: highly significant differences.

Table 2: Comparison of Krebs von den Lungen-6 levels among groups.

	KL-6 levels (U/mL)		
	Min-max	Median	P value
<i>Control group</i>	32.8-62.4	52.3	< 0.05 @ [#]
<i>CTD only group</i>	35.8-68.5	56.7	< 0.05 @ [#]
<i>mildILD subgroup</i>	58.4-100.5	72.2	< 0.05 *\$#
<i>severeILD subgroup</i>	76.1-180.8	102.7	< 0.05 *\$@

Kruskal-Wallis and Mann-Whitney U tests

* significant differences vs control group,

[§] significant differences vs CTD group

@ significant differences vs mildILD group).

[#] significant differences vs severeILD group).

Table 3: Pulmonary function test outcomes.

<i>Variable</i>	<i>CTD only group (20 n.)</i>	<i>CTD+ILD group</i>		<i>P value</i>
		<i>mildILD (12 n.)</i>	<i>severeILD (8 n.)</i>	
FVC, % predicted	95±7	72±7*	49±8***	0.0000
FEV1, % predicted	101±7	77±10*	55±5***	0.0000
<i>One-way ANOVA, least significant difference (LSD):</i>				
<i>P > 0.05: no significant differences, P < 0.05: significant differences, P < 0.001: highly significant differences, (* Vs CTD only group, ** Vs mildILD group).</i>				