

**TABLE 2**  
**QUANTITATIVE ANALYSIS OF THE LUNG**

	Control	Mild Emphysema	Severe Emphysema
Total lung volume, ml	4,772 ± 223	6,232 ± 410*	6,725 ± 384 <sup>†</sup>
Airspace volume, ml	3,815 ± 194	5,195 ± 388*	5,964 ± 353*
Tissue volume, ml	957 ± 34	1,037 ± 33	760 ± 35 <sup>†</sup>
Lung weight, g	1,019 ± 37	1,104 ± 35	810 ± 37 <sup>†</sup>
% Voxels < 6.0 ml/g	79 ± 3	52 ± 4*	25 ± 1 <sup>†</sup>
% Voxels 6.0–10.2 ml/g	20 ± 3	35 ± 4*	28 ± 1*
% Voxels > 10.2 ml/g	1 ± 0	13 ± 1*	47 ± 2 <sup>†</sup>
Measured surface area/volume, cm <sup>2</sup> /ml	256 ± 24	165 ± 23*	43 ± 6 <sup>†</sup>
Predicted surface area/volume, cm <sup>2</sup> /ml	300 ± 9	212 ± 12*	138 ± 7 <sup>†</sup>
Measured surface area, m <sup>2</sup>	118 ± 11	97 ± 8	30 ± 5 <sup>†</sup>
Predicted surface area, m <sup>2</sup>	128 ± 5	119 ± 3	60 ± 3 <sup>†</sup>

Values are means ± SEM.

\* Different from control group, p < 0.05.

<sup>†</sup> Different from control group and group with mild emphysema, p < 0.008.