

1 **Supplementary Data – Table 3: Lung function and laboratory assessments in active and**
2 **biochemically controlled acromegaly**

3 VCmax = maximal vital capacity, ITGV = intra-thoracic gas volume, TLC = total lung capacity, RV = residual volume,
4 FEV1 = forced expiratory volume in one second, PEF = peak expiratory flow, FEF25/FEF50/FEF75 = maximum expiratory
5 flow when 25%, 50% and 75% respectively of the FVC has been exhaled, Rtot = total airway resistance

	active disease	biochemical remission	p
patients	60 (55%)	29 (45%)	
IGF-I/ULN	1.91 ± 1.02	0.62 ± 0.23	< 0.001
random GH levels (ng/ml)	13.7 ± 23.9	0.42 ± 0.29	0.001
VCmax	112.2% ± 19.7%	111.1% ± 21.7%	0.834
ITGV	113% ± 23.8%	112.5% ± 31.4%	0.94
TLC	109.7% ± 17%	110.1% ± 20.4%	0.941
RV	114.7% ± 27.5%	114.8% ± 23.6%	0.99
FEV1	109.3% ± 23.7%	108.8% ± 21.6%	0.931
PEF	91.3% ± 19.6%	92.2% ± 24.5%	0.868
FEF25	99.3% ± 27%	95.7% ± 27.2%	0.639
FEF50	94.6% ± 35.2%	90.8% ± 34.5%	0.693
FEF75	79.9% ± 38.9%	76% ± 39.7%	0.718
sRtot	87% ± 36.1%	90.4% ± 32.4%	0.724
Rtot [kPa * s / l] <i>reference range: < 0.3</i>	0.23 ± 0.1	0.24 ± 0.09	0.777

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