

**EVALUATION OF PULMONARY DISEASE USING STATIC LUNG VOLUMES
MEASUREMENT IN PRIMARY CILIARY DYSKINESIA
ONLINE DATA REPOSITORY**

<i>Focal Air Trapping</i>									
	<i>Plethysmography</i>			<i>Spirometry</i>			<i>Raw, sRaw and sReff</i>		
	<i>Score 1</i>	<i>Score 2</i>	<i>Score 3</i>	<i>Score 1</i>	<i>Score 2</i>	<i>Score 3</i>	<i>Score 1</i>	<i>Score 2</i>	<i>Score 3</i>
<i>Score 1</i>	93.2 ± 0.1	5 ± 0.18	1.8 ± 0.12	42 ± 0.19	28 ± 0.19	30 ± 0.17	50 ± 0.15	34.33 ± 0.23	15.67 ± 0.2
<i>Score 2</i>	9.8 ± 0.12	78.6 ± 0.16	11.6 ± 0.7	37.5 ± 0.24	32.5 ± 0.17	30 ± 0.19	51.66 ± 0.31	37.5 ± 0.13	10.9 ± 0.17
<i>Score 3</i>	11.9 ± 0.24	8.1 ± 0.11	80 ± 0.22	15 ± 0.24	50 ± 0.23	35 ± 0.24	35 ± 0.32	35 ± 0.13	30 ± 0.33
<i>Atelectasis</i>									
	<i>Plethysmography</i>			<i>Spirometry</i>			<i>Raw, sRaw and sReff</i>		
	<i>Score 1</i>	<i>Score 2</i>	<i>Score 3</i>	<i>Score 1</i>	<i>Score 2</i>	<i>Score 3</i>	<i>Score 1</i>	<i>Score 2</i>	<i>Score 3</i>
<i>Score-1</i>	65.2 ± 0.21	13.1 ± 0.15	21.7 ± 0.19	40 ± 0.37	15 ± 0.21	45 ± 0.37	10 ± 0.11	73.33 ± 0.23	16.6 ± 0.34
<i>Score 2</i>	28.1 ± 0.3	61.3 ± 0.2	10.6 ± 1.1	52 ± 0.21	25 ± 0.37	23 ± 0.11	31.66 ± 0.14	23.33 ± 0.19	45.0 ± 0.12
<i>Score 3</i>	10.3 ± 0.25	12.6 ± 0.08	77.1 ± 0.2	41.4 ± 0.18	20 ± 0.12	38.6 ± 0.12	34 ± 0.24	21 ± 0.21	45 ± 0.26
<i>Extension of Bronchiectasis</i>									
	<i>Plethysmography</i>			<i>Spirometry</i>			<i>Raw, sRaw and sReff</i>		
	<i>Score 1</i>	<i>Score 2</i>	<i>Score 3</i>	<i>Score 1</i>	<i>Score 2</i>	<i>Score 3</i>	<i>Score 1</i>	<i>Score 2</i>	<i>Score 3</i>
<i>Score 1</i>	80.3 ± 0.18	16.1 ± 0.5	3.6 ± 0.18	23 ± 0.33	63.33 ± 0.29	13 ± 0.23	30 ± 0.24	65 ± 0.32	5 ± 0.15
<i>Score 2</i>	20.6 ± 0.6	58.4 ± 0.8	21 ± 0.21	41.66 ± 0.26	28.33 ± 0.13	30.00 ± 0.17	25 ± 0.12	60 ± 0.15	15 ± 0.66
<i>Score 3</i>	11.8 ± 0.11	12 ± 0.14	76.2 ± 0.26	20 ± 0.25	25 ± 0.35	55 ± 0.28	15 ± 0.23	55 ± 0.41	30 ± 0.4
<i>Total Score</i>									
	<i>Plethysmography</i>			<i>Spirometry</i>			<i>Raw, sRaw and sReff</i>		
	<i>Score 1</i>	<i>Score 2</i>	<i>Score 3</i>	<i>Score 1</i>	<i>Score 2</i>	<i>Score 3</i>	<i>Score 1</i>	<i>Score 2</i>	<i>Score 3</i>
<i>Score 1</i>	79.3 ± 0.19	14.1 ± 0.23	6.6 ± 0.15	30 ± 0.18	63.33 ± 0.19	6.6 ± 0.14	41 ± 0.27	43 ± 0.24	16 ± 0.19
<i>Score 2</i>	18.7 ± 0.11	61.3 ± 0.17	20 ± 0.13	41.66 ± 0.18	23.33 ± 0.11	35.0 ± 0.16	29.5 ± 0.31	45.5 ± 0.32	25 ± 0.21
<i>Score 3</i>	5.4 ± 0.15	5 ± 0.23	89.6 ± 0.27	15 ± 0.24	10 ± 0.21	55 ± 0.26	24 ± 0.33	40 ± 0.43	36 ± 0.34

Table 1. Models based on body plethysmography, spirometry, or parameters of airway mechanics (Raw, sRaw and sReff) (expressed as % pred.) and correct recognition (expressed as mean ± standard deviation) of focal air-trapping and atelectasis severity, extension of bronchiectasis, and total lung impairment on chest HRCT, respectively.