

Table 1 on line supplement. Kind of clinical scenario represented by the compliance –resistance combinations used in present bench study.

Compliance - Resistance combination	Functional pattern	Example of associated clinical condition
C20-R5	Severe restrictive	Chest wall disorders ¹ , severe acute respiratory distress syndrome ²
C20-R20	Severe restrictive and severe obstructive	Interstitial lung fibrosis ³
C40-R5	Moderate restrictive	Obesity ⁴
C40-R20	Moderate restrictive and severe obstructive	Kyphoscoliosis ³
C60-R5	Normal	ICU patients with normal lung ⁵
C60-R20	Severe obstructive	Chronic obstructive pulmonary disease ⁶

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