

Contents	2
Index	4
Preface	6
Nomenclatures in comparison	8
Chatburn 2007	8
Chatburn 2014	9
ISO Standard 19223:2021	10
Introduction	12
Controlled ventilation modes	20
Mixed ventilation modes	28
Pure spontaneous breathing modes	46
Measured values, Indexes	51
Occlusion pressure measurement: P0.1	51
Rapid Shallow Breathing Index: RSBI	52
Maximum Inspiratory Pressure: MIP	53
PEEPfinder manoeuvre with inflection points: LIP / UIP / PMC	54
C20/C Index	55
Intrinsic PEEP: PEEPi	56
End-expiratory transpulmonary pressure: TPP exp	57
End-inspiratory transpulmonary pressure: TPP insp	57
Oesophageal pressure amplitude: Δ Peso	58
Baydur Test: Δ Pes/ Δ Paw	58
Pressure Time Product: PTP	59
Intrinsic PEEP measurement in spontaneously breathing patients	60
Work of Breathing: WOB	61
Power of Breathing: POB	62
Intraabdominal pressure monitoring: IAP	63
Expiratory time constant: RCexp	64
Respiratory Oxygenation Index: ROX Index	65

Waste Trigger Index: WTI	66
Respiratory quotient: RQ	68
Resting Energy Expenditure: REE	69
Activity index: AI	70
Zislin indicator: VCO_2	71
Mode overview	72
Table: "Ideal body weight" (VT/IBW)	74