

Preface	4
Evaluating potential contraindications	7
Step 1: Evaluate potential contraindications	7
Preparing the patient for EIT monitoring	8
Step 2: Apply measurement tape	8
Step 3: Measure patient	9
Step 4: Determine SensorBelt size	10
Step 5: Choose the SensorBelt	11
Step 6: Prepare the foam (ContactAgent)	12
Step 7: Apply the foam	13
Step 8: Position the SensorBelt	14
Step 9: Fit the SensorBelt (1)	15
Step 10: Fit the SensorBelt (2)	16
Step 11: Secure the SensorBelt	17
Step 12: Attach the SensorBelt (1)	18
Step 13: Attach the SensorBelt (2)	19
Step 14: Start up the SensorBelt	20
Step 15: Indicator light on SensorBelt	21
Configuring the intensive care ventilator elisa 800^{VIT}	22
Step 16: Activate EIT	22
Step 17: Enter patient data	23
Step 18: Minimize sources of interference	24
Step 19: Check SensorBelt and settings	25
Evaluating results	26
Step 20: Evaluate regional ventilation distribution	26
Step 21: Evaluate different ventilation distribution between the two lungs	27
Step 22: Analyse "Stretch" view	28

Step 23 : Evaluate discrepancies in stretch distribution: U-shaped, or are all the bars of approximately the same height?	29
Step 24 : Evaluate discrepancies in stretch distribution: Accelerating	30
Step 25 : Evaluate discrepancies in stretch distribution: Decelerating	31
Step 26 : Analyse SilentSpaces: Gravity-independent form	32
Step 27 : Analyse SilentSpaces: Gravity-dependent form	33
Step 28 : Analyse SilentSpaces: Bilateral form	34
Terminating EIT monitoring	35
Last step: Terminate EIT monitoring	35
FAQ: Practical Q&A	36
Contraindications	36
Potential complications and sources of error	36
SensorBelt	38
Interpretation	39
Selected studies	41
Basics	41
Optimising ventilation settings	41
Imaging of regional lung function	42
Patient positioning	42
EIT validation	43