



Because they deserve the greatest
care



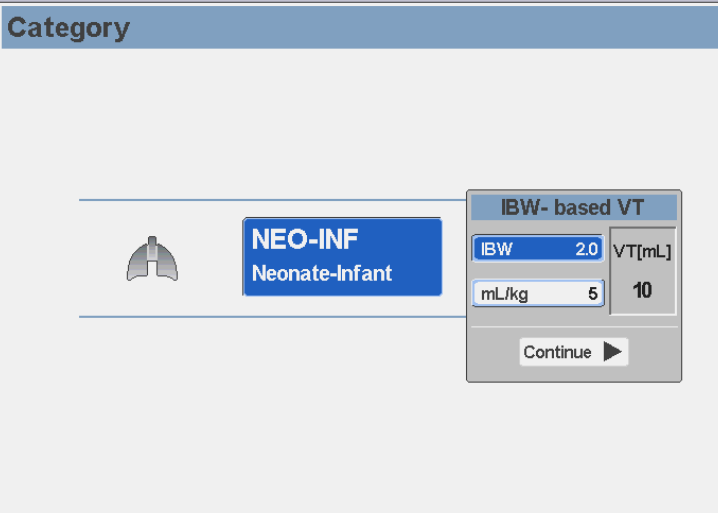


 **neumovent**
GraphNet neo

 **TECME**

INTENDED USE

- Critical and intermediate care
- Exclusive dedicated to Neonatal and infant patients
- Tidal Volume according ideal body weigh (IBW)



The screenshot displays a medical device interface with a 'Category' header. Below the header, there is a lung icon and a blue button labeled 'NEO-INF Neonate-Infant'. To the right, a panel titled 'IBW- based VT' contains two input fields: 'IBW' with a value of 2.0 and 'mL/kg' with a value of 5. A 'VT[mL]' field shows a value of 10. A 'Continue' button with a right-pointing arrow is located at the bottom of the panel.

IBW- based VT	
IBW	2.0
mL/kg	5
VT[mL]	10

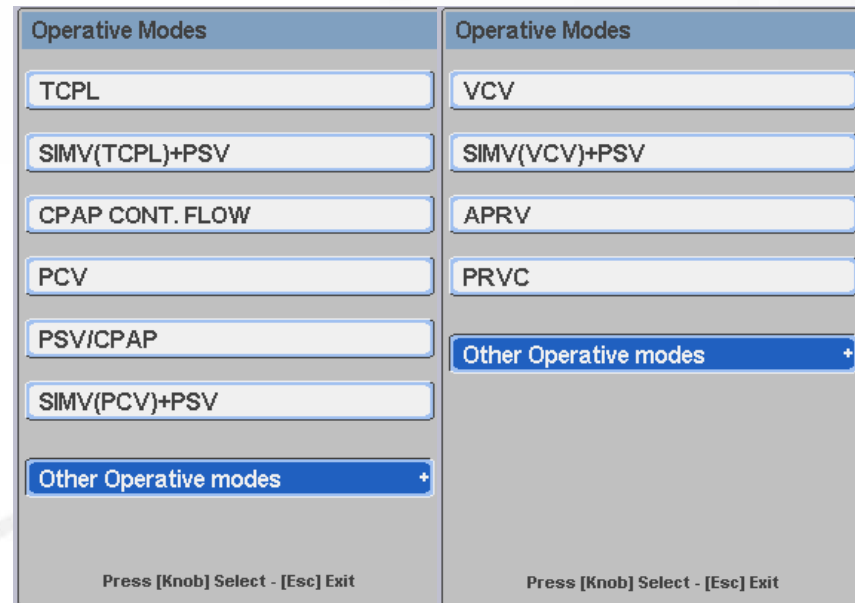
TOUCH SCREEN

- 12" Screen
- Easy to use
- User friendly
- Screen block



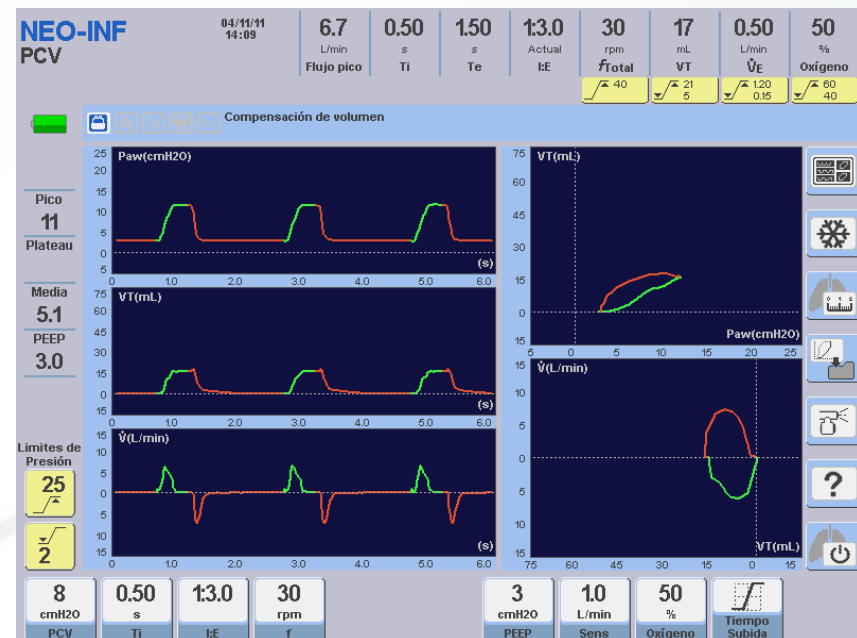
VENTILATORY MODES

- TCPL
- SIMV (TCPL)
- CPAP with continues flow
- PCV
- PSV
- SIMV
- **VCV** -VT: 2 up to 350 ml
- **APRV**
- **PRVC**



COMPLETE PATIENT MONITORING

- Main screen:
 - 3 time scalars
 - 2 Loops
- All parameters showed in screen.
- Autoscale
- Screen can be saved in a PC for further analysis.



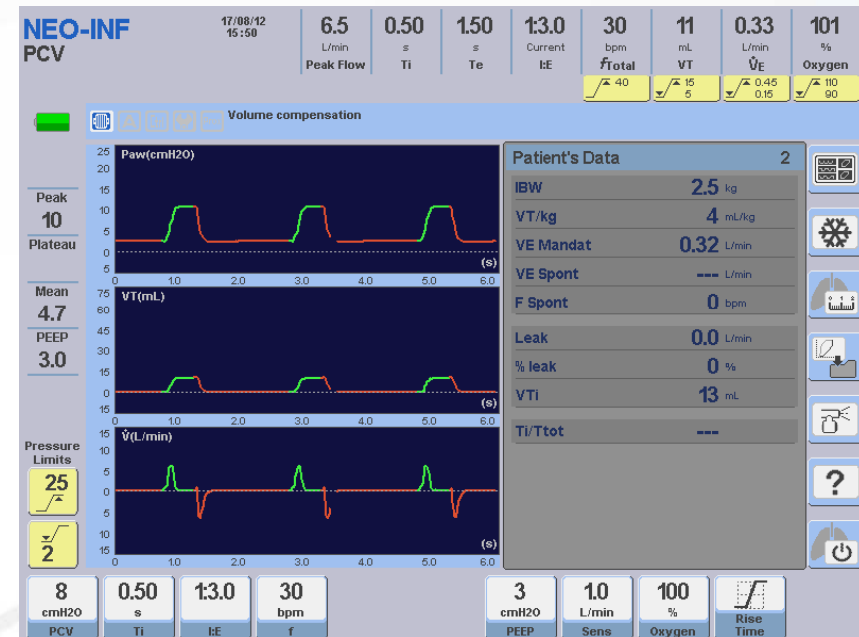
PATIENT'S DATA

- Exhaled tidal volume per kilogram
- Mandatory and spontaneous minute volume.
- Spontaneous respiratory rate
- Expiratory time constant breath by breath
- Dynamic compliance
- Last respiratory mechanic measurements



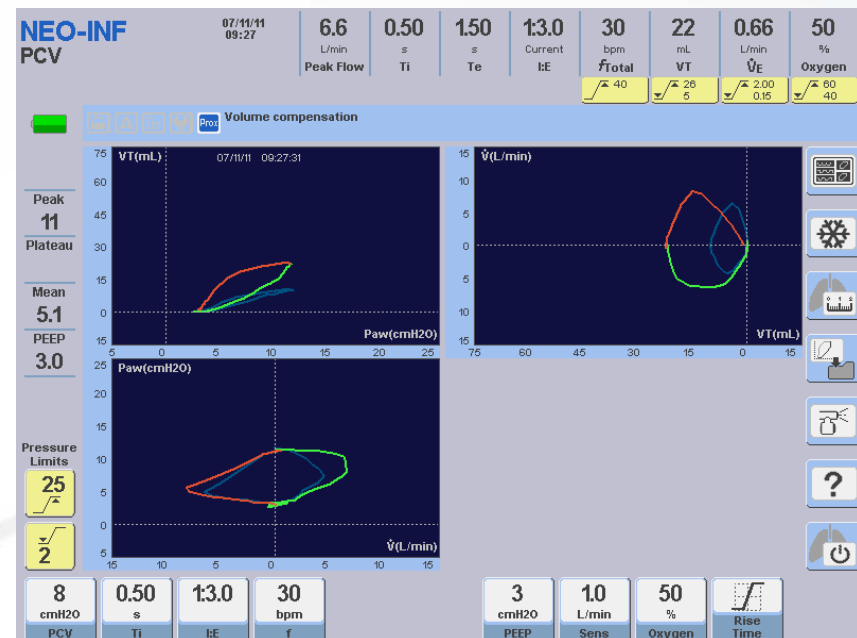
MORE PATIENT'S DATA

- Total leak
- % of leakage
- Inspired tidal volume
- Ti/Tot



LOOPS

- New Pressure/ Flow loop
- Can store up to 4 reference loops



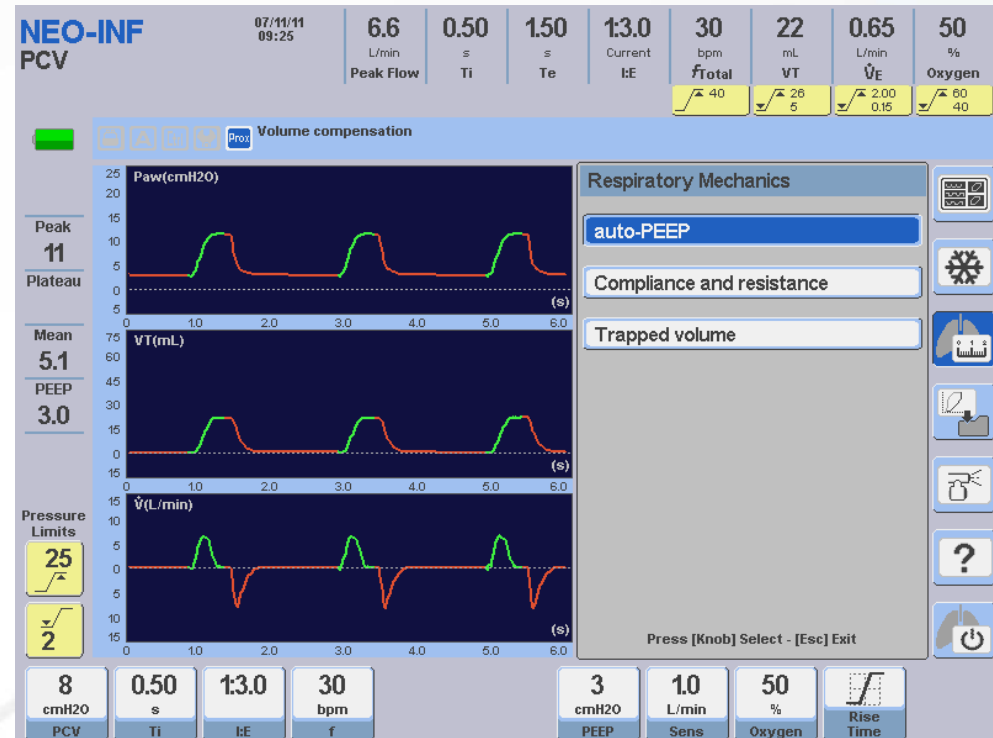
TRENDS

- 10 trend
- 3 configurable screens
- Up to 72Hs
- Cursor to read values



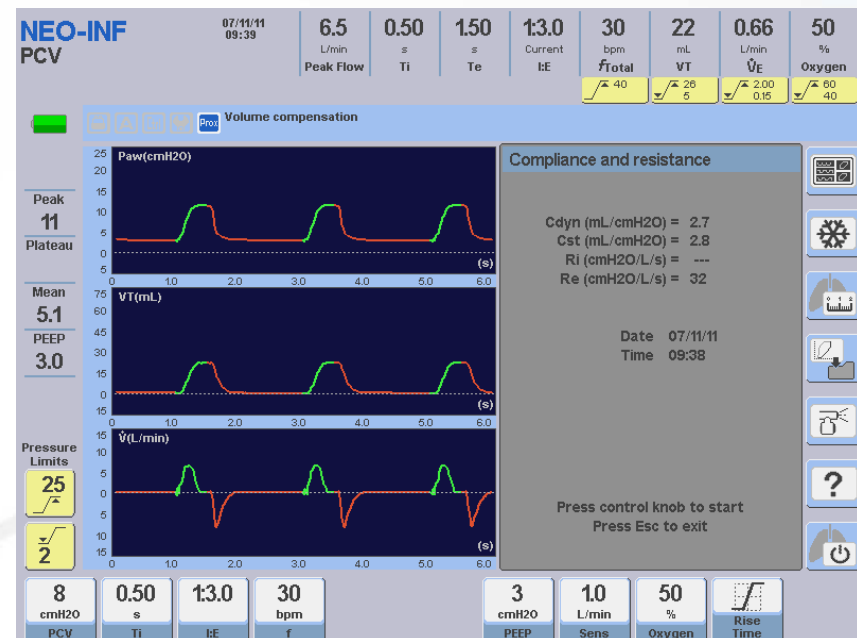
RESPIRATORY MECHANICS

- AutoPEEP
- Compliance and resistance
- Trapped volume



RESPIRATORY MECHANICS

- More flexibility.
- Possibility to change ventilatory parameters without exit from the screen.
- Multiple measurements
- The last measurement is stored



VENTILATORY ADJUNCTS

- Inspiratory pause
- Circuit compliance compensation
- Tidal volume corrected to BTPS
- Leaks compensation
- Distal or proximal flow sensor

Ventilatory adjuncts	
Inspiratory pause	Off
Volume compensation	Yes
Humidifier	None (Service)
Leak compensation	No
Flow sensor	Proximal

Press [Knob] Select - [Esc] Return

PROXIMAL FLOW SENSOR

- Proximal flow sensor at Y-piece for precise flow/volume monitoring and quick trigger response
- Independent of circuit and humidifier compliance
- Down to 5 ml at VC ventilation
- Pressure control and volume guaranteed with PRVC
- Automatic leakage compensation
- Continuously automatically optimized trigger sensitivity (from 0.2 ml)
- Continuously automatically optimized termination criteria



INTRA-HOSPITAL TRANSPORT

- With the a **new trolley design** and a **change in the software** (power loss and low air pressure alarms off), qualified inner clinical transport is now easier
- GraphNet *advance* can operate as fully transportable intensive care ventilator:
 - Power supply: coming from internal battery for 2 hours.
 - Oxygen supply: coming from the two O₂ cylinders which can be allocated at the trolley base.

Picture of the new trolley follows

NEW P1 AND P2 CONECTOR



Improve handling!



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