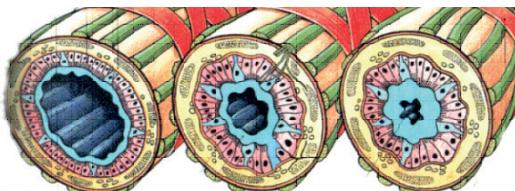
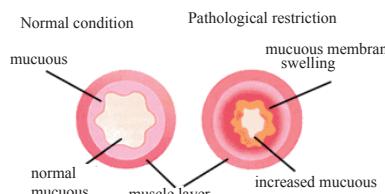


TNI® effectiveness on COPD



- Clinical benefit in COPD and ILD patients
- Reduced load on the respiratory pump / Improvement of ventilation
- Reduction of the breathing rate BPM and respiratory minute volume
- Increase of the tidal volume in COPD patients
- Increase of airway pressure in the entire respiratory system with an impact on inspiration and expiration
- Decrease in paCO₂ levels
- CO₂ wash out of the anatomical dead space volume
- Improvement of SaO₂ at lower O₂ supply
- Improvement of mucociliary clearance

Therapy with Nasal Insufflation

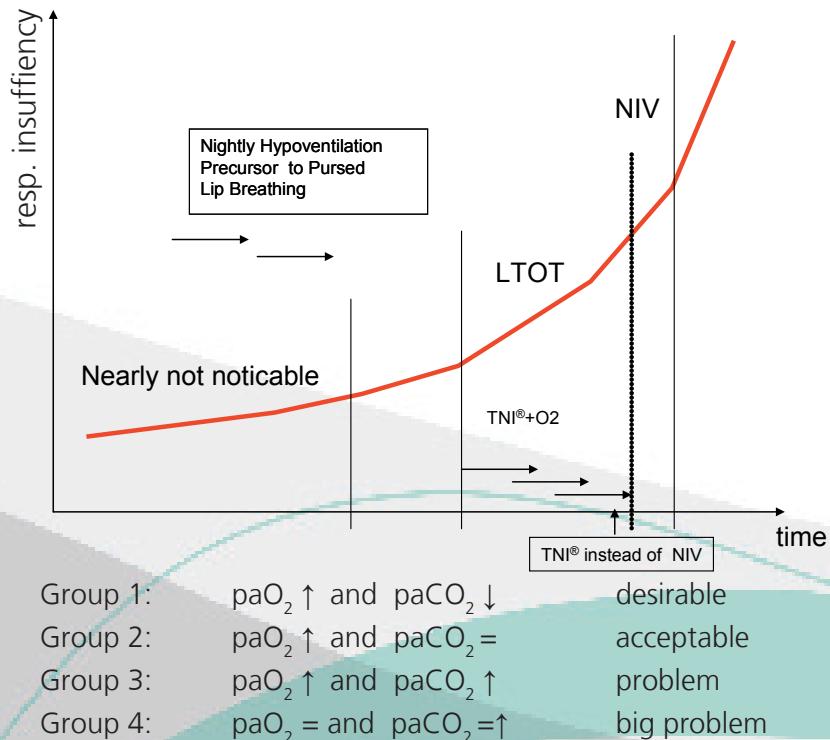


*Expand your
therapeutic options*

Only an **exact**, regulated
flowrate (in l/min) consisting
of air or **air-O₂ mixture ensures**
a high quality therapy
without side-effects
for **clinical** and **home care** settings,
guarantees a stable **FiO₂**
and **confirms** our **study results**



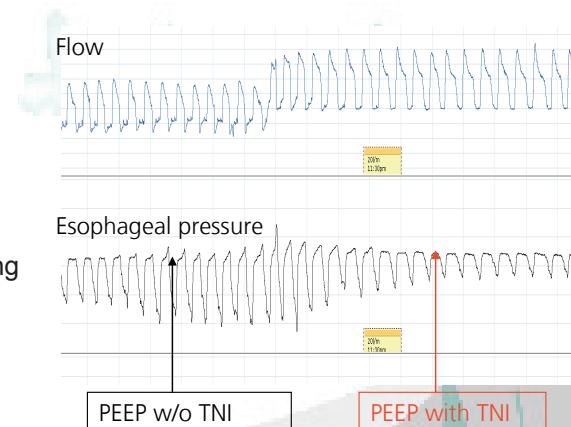
Progression of Respiratory Insufficiency



TNI® Effectiveness: „Increase of the PEEP“

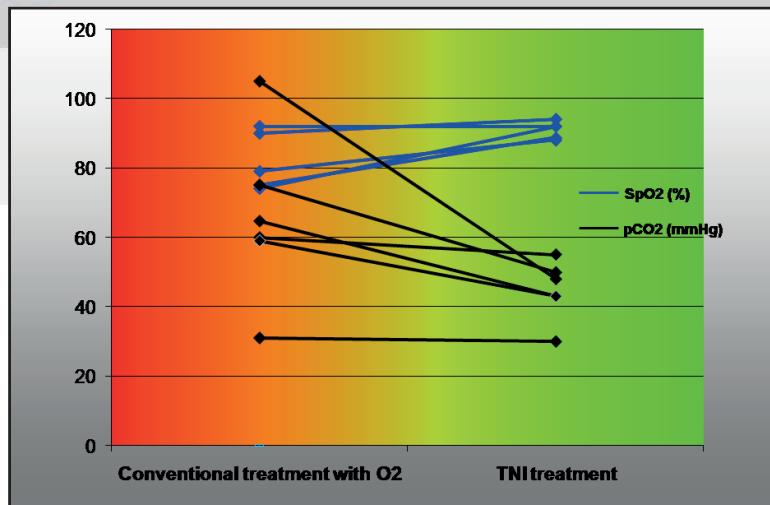
1. Increase PEEP
2. Improve inspiration
3. Increase of tidal volume
4. Decrease of the work of breathing
5. Shift of the Pcrit

PEEP: "Positive End Expiratory Pressure"



- TNI® Therapy creates a PEEP of 2 – 4 mBar
- Replacement for Pursed Lip Breathing for active expiration
- Relaxes respiratory muscles

Case Reports Respiratory Insufficiency



CO₂ - wash out with TNI®

