

Who is aware of breathing?

- singer
- sportsman
- smoker
- patient:
 - with asthma,
 - lung disease,
 - heart disease,
 - trauma,
 - neuromuscular disease,
- pregnant woman,
- overweight patient



Clinical Department for Respiratory Therapy

We are respiratory therapists from University Medical Centre Ljubljana, Slovenia. We treat patients with acute and chronic respiratory failure, using active, assisted and passive methods of respiratory care. We are part of Anesthesiology department and as members we participate in following clinical specialities:

- urology
- cardiovascular surgery
- neurosurgery
- traumatology
- abdominal surgery
- thoracic surgery
- plastics surgery and burns
- pediatric surgery
- pediatric intensive care unit
- adult intensive care unit
- maxillofacial and oral surgery
- surgery infections
- otorinolaryngology and cervicofacial surgery

Methods of respiratory care

- **preoperative evaluation and treatment**

- **evaluation methods**

- pulmonary function testing
- blood gas interpretation
- auscultation
- thorax inspection
- measurement of pulmonary functions (MIP,MEP...)



- **treatment of respiratory failure**

- cough assisting
- flutter, huffing
- percussion, vibration
- postural drainage
- assisted forced expiration
- nasal and endotracheal suction
- drugs and oxygen administration





- **Chest therapy for improving lung ventilation and decreasing muscle fatigue**

- breathing exercises and chest mobilization
- incentive spirometry
- PEP (positive expiratory pressure)
- CPAP (continuous positive airway pressure)
- IPPB (intermittent positive pressure breathing)



- **non invasive ventilation**

- **consultation and education**