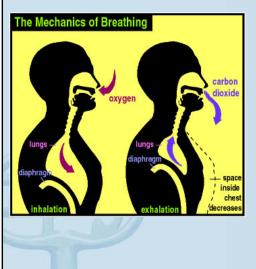


Breathing...

EUVEN



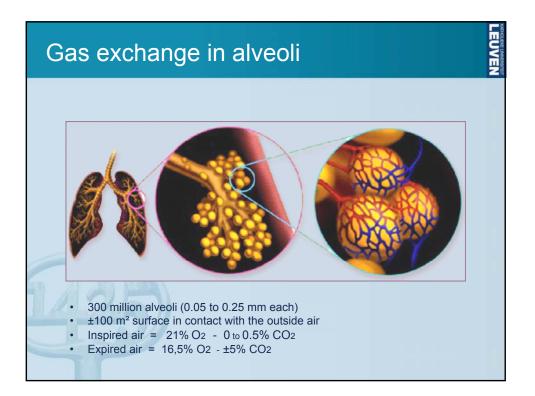
To keep blood gas levels within (pre-set) boundaries

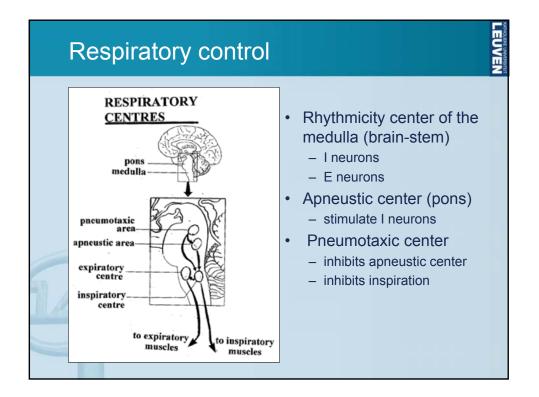
O2

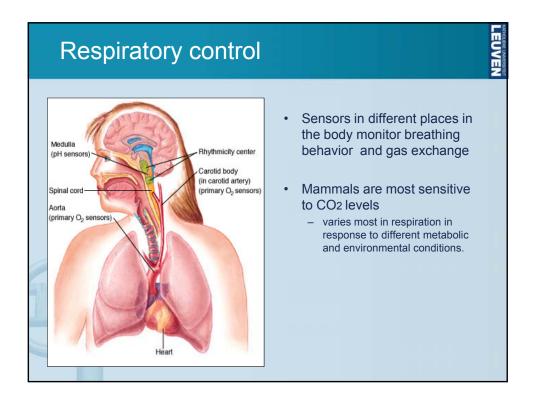
- Arterial O₂ saturation (SpO₂)
- 93 100 % Hb fully saturated by O2

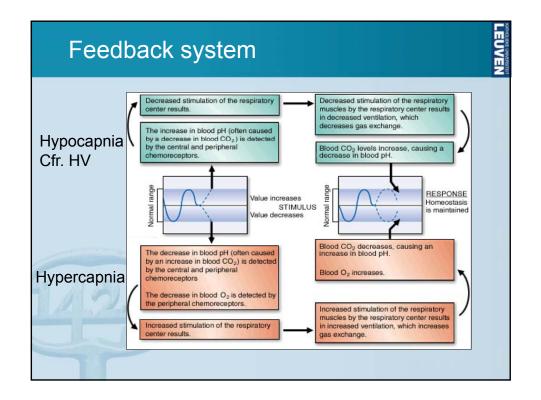
CO₂

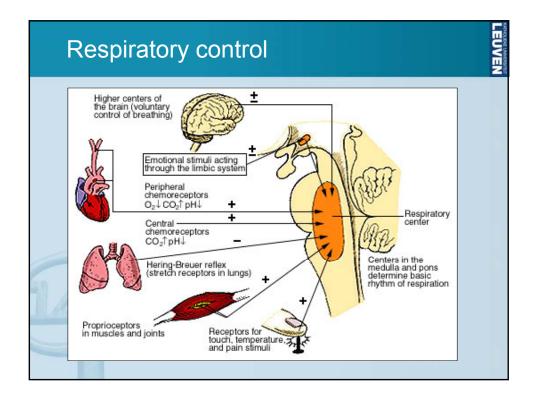
- Alveolar PCO₂ (PACO₂)
- Arterial PCO₂ (PaCO₂)
- End-tidal PETCO₂ (mmHg) or FETCO₂ (%).
- Normal PETCO₂ ± 40 mmHg
- Normal FetCO₂ (%) = ± 4.8 à 5%

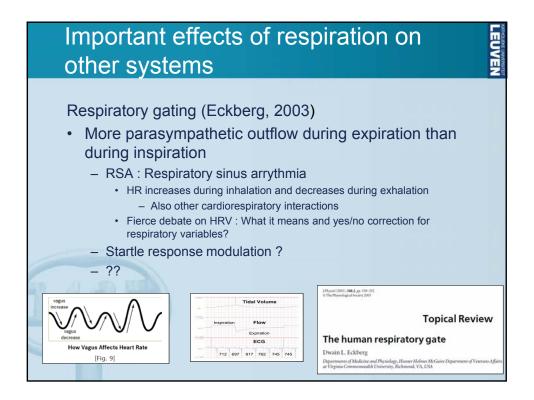


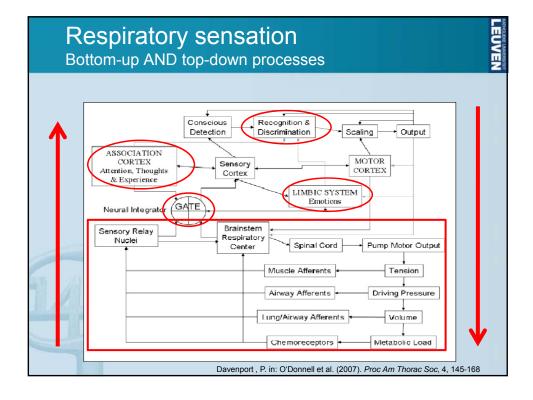




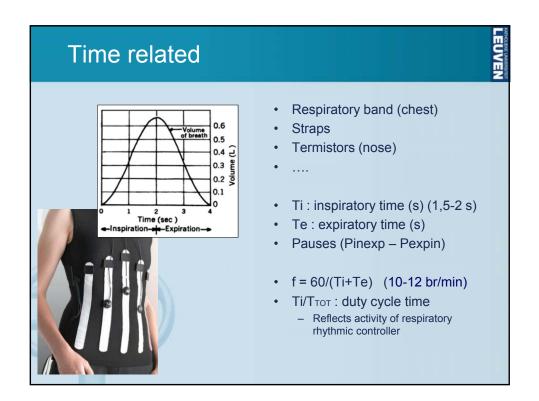


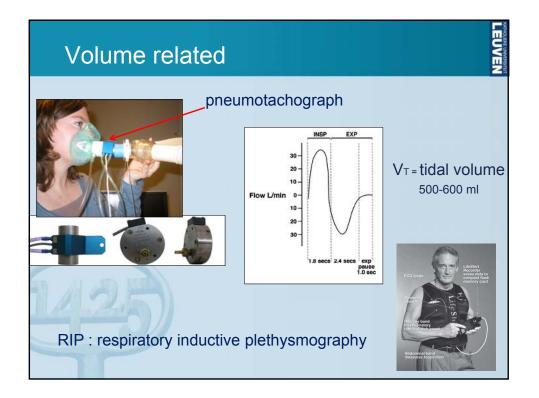


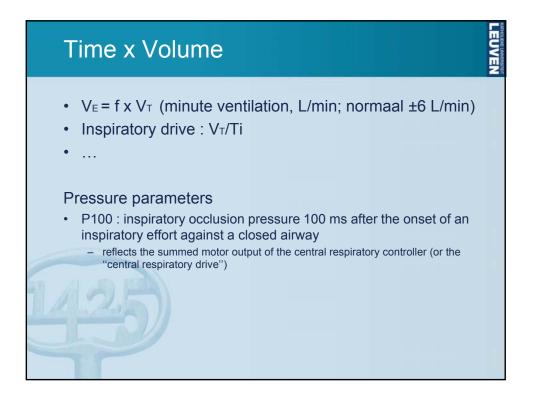


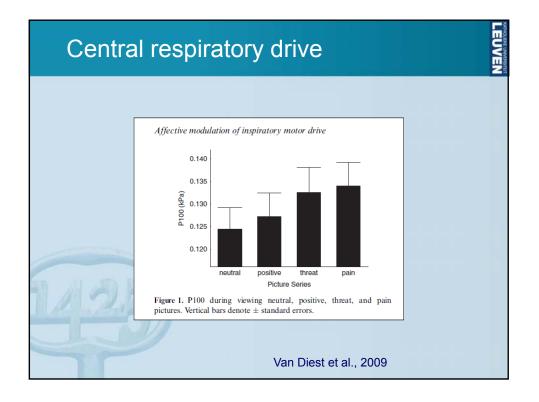


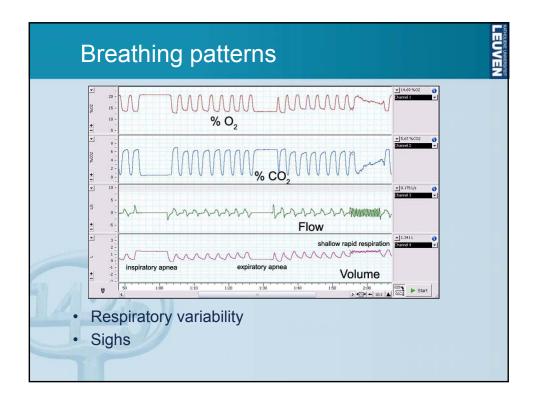


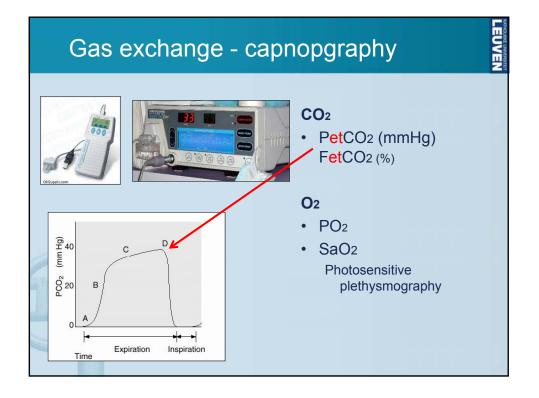


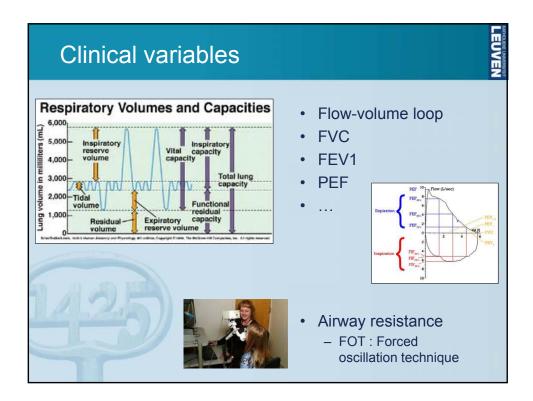




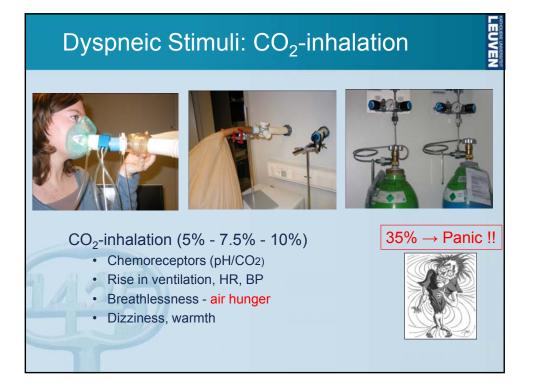








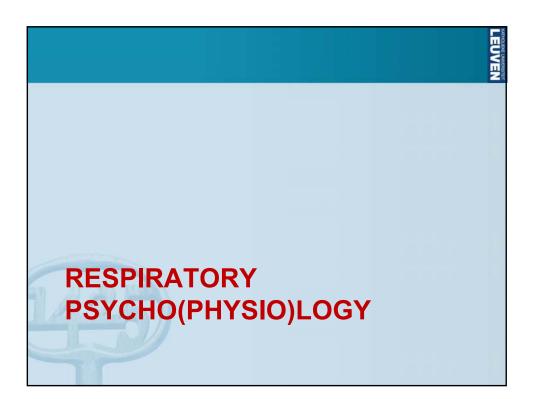




Dyspneic Stimuli: respiratory load

EUVE





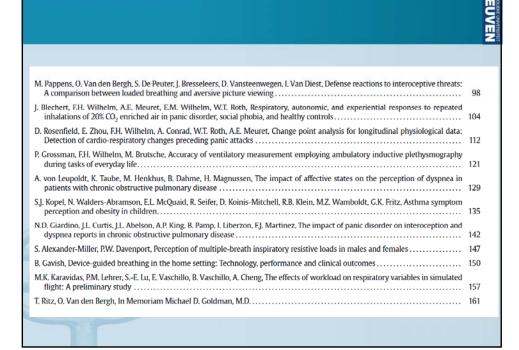
Special Issue Biological Psychology



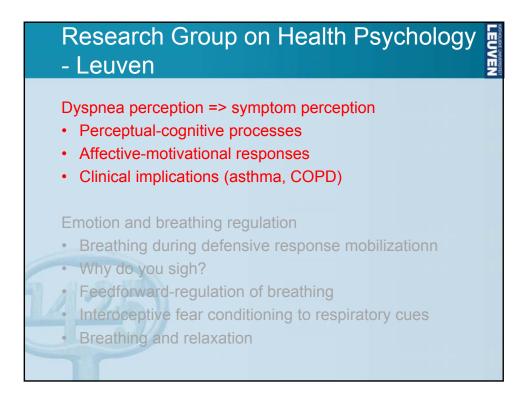
Ritz, T., & Van den Bergh, O. (2010). Psychobiology of respiration and the airways. *Biological Psychology, 84*(1).

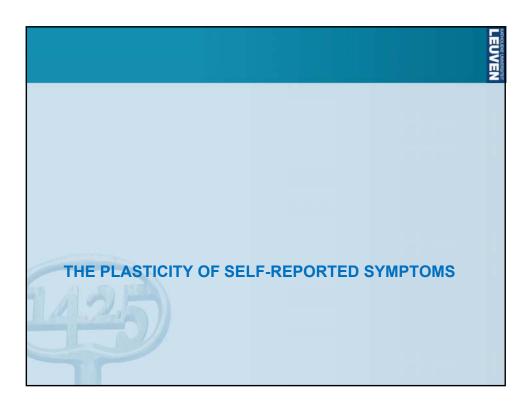


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Dyspnea/breathlessness... ... a subjective experience of breathing discomfort that consists of qualitatively distinct sensations and affective-motivational gesponses that vary in intensity ... experience derives from interactions among multiple physiological, psychological, social, and environmental factors...*

