

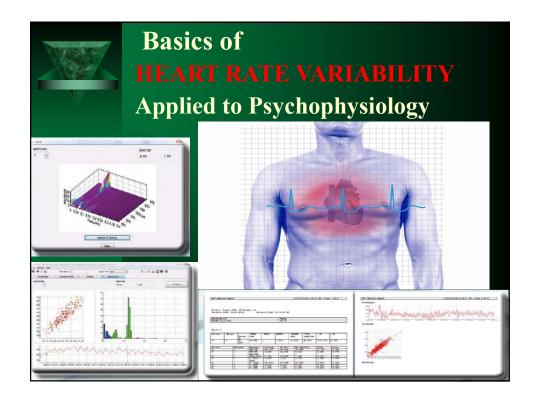
HRV生理回饋簡介原理

- ▶ 透過呼吸,調節心跳,訓練自律神經彈性。
- ▶ 吸氣時會抑制迷走神經活性,使心跳上升;
- ▶ 吐氣時會刺激副交感神經活性,使心跳下降。
- ▶ 當心跳與呼吸產生同時上升與同時下降的現象,稱為心肺 同步(RSA, respiratory sinus arrhythmia),此時我們的 心跳變異會達到最大,身體的自主神經系統也會達到最佳

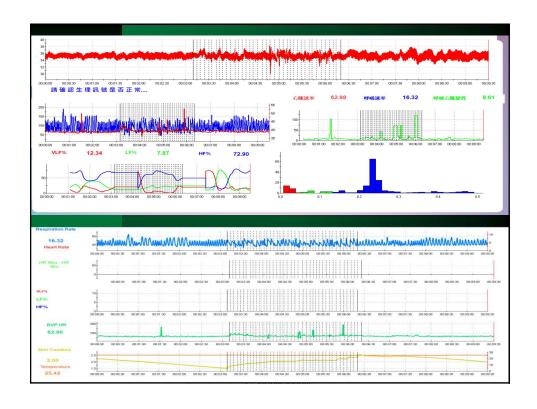
的平衡狀態。

▶ 呼吸目標:4.5-6.5下/分

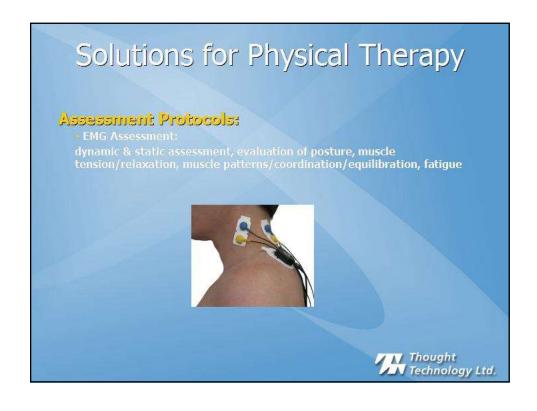
Heart Rate
78.
Respiration
54



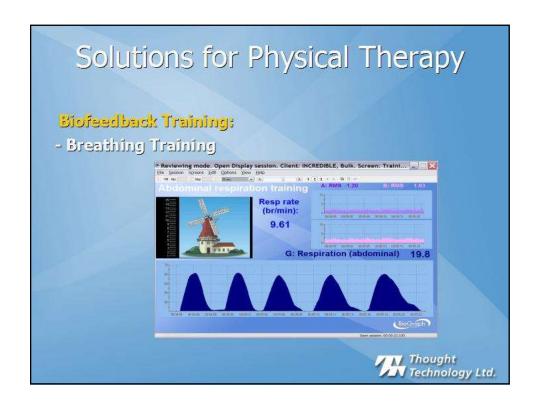






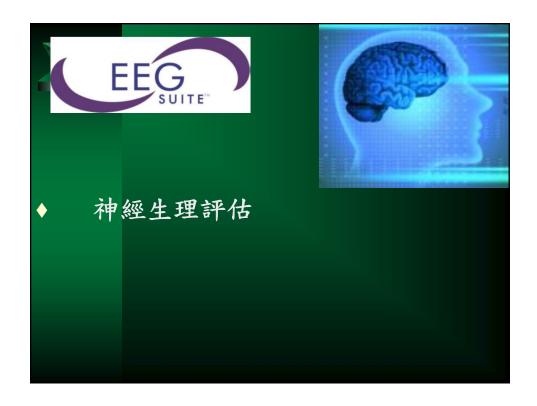


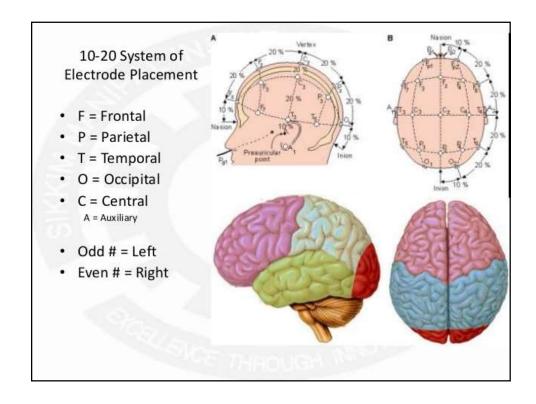












- ◆ Single or two-channel EEG systems with the capability of expanding to 4 or 6 channels.
- ♦ Standard neurofeedback protocols with connectivity and z score training (coherence, phase, asymmetry, etc.).
- ◆ Tools for exploring slow cortical potentials (SCI evoked potentials (EP) and reaction time.
- ◆ Added capability of combining EEG with physiological biofeedback.

