

國立臺北護理學院九十九學年度碩士班招生

聽語障礙科學所

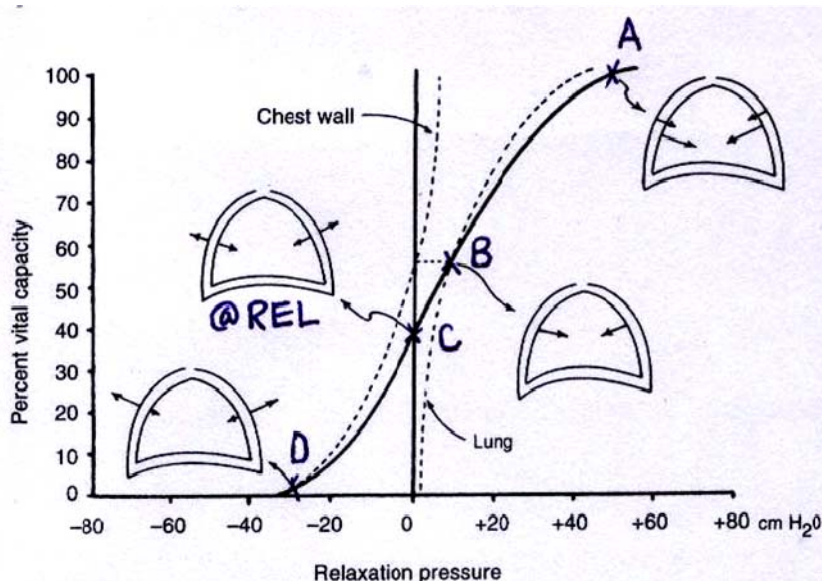
言語科學試題

注 意

1. 請用中文或英文作答。
2. 請標明題號依序於答案卷上作答。

FIGURE 2-77

Component forces contributing to the relaxation pressure curve. The resting volume of the chest wall is at 55 percent vital capacity, and the resting volume of the lungs is not reached, even at 0 percent vital capacity. Even after a maximum expiratory effort the lungs are subjected to a certain amount of stretch. This accounts for residual volume. (After Agostoni and Mead, 1964.)



Pleural surface pressure at RLV = -5 cm H₂O
Resting volume of lung less than 0% vital capacity
Resting volume of chest wall 55% vital capacity
Arrows indicate direction and magnitude (approximately) of restoring forces.

申論題 (每題 25 分)

1. Please answer the following questions.
 - A. Based on the relaxation pressure curve (Figure 2-77; Zelmin, 1998), define REL and Point of Equilibrium.
 - B. Describe Point of Equilibrium at A, B, C, D as related to REL.
2. Describe the myoelastic-aerodynamic theory of phonation.
3. Describe the acoustic parameters that are used in acoustic analysis for evaluating the voice of our clients.
4. What are the purposes of the description and classification of speech sounds in articulatory phonetics for speech language pathologist?