

**CHAPTER 7****HANDOUT****Spirograph and Respiratory Disorders****BLM 7.3.4**

Use the following chart to answer the questions below.

Patient	Tidal Volume (mL)	Vital capacity (mL)	Respiratory rate of patients at rest (breaths/min)
1 (normal)	500	5 000	18
2	500	4 000	20
3	400	3 000	38
4	550	5 000	17
5	550	6 000	17

1. Distinguish between tidal volume and vital capacity.

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2. Which patient is likely a long distance runner? How do you know?

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3. Which patient is likely suffering from emphysema? How do you know?

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