

Anaesthetic Breathing Systems WORKBOOK

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1. Name three components of an anaesthetic breathing system:
2. What do the letters APL stand for?
3. What is the purpose of an APL valve?
4. An APL valve has a pressure relief mechanism, at what pressure is this set?
5. What is the purpose of the pressure relief valve?
6. What is the standard size of a reservoir bag on an adult breathing system?
7. In what circumstances may you require a bigger reservoir bag?
8. Describe 2 uses for the reservoir bag?

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9. How does a reservoir limit pressure in the system?
10. Which Mapleson classification is a Bain circuit?
11. Describe how the gas flows through a Bain circuit
12. Why do some breathing systems require high fresh gas flows?
13. What are the potential problems with a Bain system?
14. What breathing systems are commonly used on paediatric patients?
15. What are the main differences with these systems?
16. What is the potential problem with this system?
17. What is the purpose of soda lime?
18. Why is relatively low fresh gas flow able to be used in the circle system?
19. What is the composition of soda lime?
20. What chemical reaction happens when carbon dioxide absorption takes place?