

Anaesthetic Checklist Workbook

Based on:

The Association of Anaesthetists of Great Britain
& Ireland (2004) Checklist for Anaesthetic
Equipment 3

<http://www.aagbi.org/guidelines.html>

accessed 13/10/2005

Anaesthetic Machine Check Quiz

Anaesthetic Checklist:

1. When should an ODP check the anaesthetic machine?

2. Which checks should be made prior to each case?

3. What is the first thing you should do prior to checking the anaesthetic machine?

4. The anaesthetic machine has a label attached stating that it has recently been serviced. What do you do?

5. You first of all check your oxygen analyser. How do you check your oxygen analyser and what alarm limits would you set?

6. You then look at your oxygen saturation probe. Describe the checks you make.

7. One of your checks for the oxygen saturation probe is to put it on your own finger. There is no pulse detected. What do you do?

8. If there was no pulse detected when you placed the probe on a patient's finger, what would you do differently?

9. Your NIBP frequency setting defaults to a 3 minute cycle. Your first patient is a 5 year old child. Would you change this setting?

10. You test your back-up supply (medical gas cylinders). Describe the test.

Anaesthetic Machine Check Quiz

11. What gas cylinder should not be present unless specifically requested by the anaesthetist? What precaution must be taken in the absence of this cylinder?

12. What else could you test at the same time?

13. Describe the test (Q12)?

14. You discover that one of your oxygen cylinders is hissing and you suspect a leak. Where are the two most likely places for the leak and how would you test and remedy the leak?

15. How do you test the anti-hypoxia device?

16. You connect your oxygen pipeline to the supply terminal and perform a tug test. Describe the 'tug test'. What is its purpose?

17. How do you check that an adequate oxygen supply is present?

18. Having checked your nitrous oxide and medical air supply in the same way you move on to the emergency oxygen bypass control. What is another name for this control and how do you check it?

19. Vaporisers. Why should you not overfill a vaporiser? What else should you check with a vaporiser?

Anaesthetic Machine Check Quiz

20. What else are you checking at the same time?

21. Describe the checks for the following circuits:

a. Circle system

b. Bain Circuit

c. Ayre's T piece.

22. How often do you change the micro bacterial filter/Heat-moisture exchange piece and catheter mount?

Anaesthetic Machine Check Quiz

23. How is the circuit secured to the common gas outlet?

24. Describe how you would check your ventilator.

25. What would you have available in case your ventilator failed whilst in use?

26. Describe the function of Anaesthetic Gas Scavenging System (AGSS). How do you check it?

27. How do you check your suction unit/equipment?

28. Briefly describe the ancillary equipment available on the anaesthetic workstation. For each item describe its checks.
