

41.1 Which of the instruments shown in B opposite is needed for each of the following procedures?

- 1 making an incision
- 2 keeping the sides of the wound open
- 3 cutting sutures
- 4 holding the cut ends of blood vessels before they are tied

41.2 A surgeon is talking to a medical student about assisting at operations. Complete his advice using words from A, B and C opposite.

An (1) must be able to carry out the following tasks to help the surgeon. Firstly, he or she must help in (2) the patient and putting the (3) in place to provide (4) conditions. Expert handling of a (5) is essential to allow the surgeon to see what he is doing. The assistant must also keep the operation site free of blood, by careful use of the (6) or (7) The surgeon also needs assistance with tying and cutting (8) , and with the insertion of a (9) , if necessary. Finally, the assistant may be asked to close the wound with (10) or other devices.

41.3 Find words in C and D opposite with the following meanings.

- 1 cut into two parts
- 2 corrected (something that was damaged)
- 3 freed from surrounding tissues
- 4 removed by cutting out
- 5 spread of liquid into an area
- 6 making sure something is not damaged
- 7 small metal devices to hold the edges of a wound together
- 8 unnecessary
- 9 sewing up of the wound
- 10 flat, thin pieces of tissue that lie on top of one another



Over to you



Keyhole surgery (endoscopic surgery) has become popular. How important is it in surgery? Why?