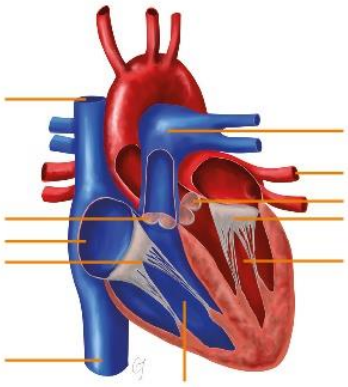
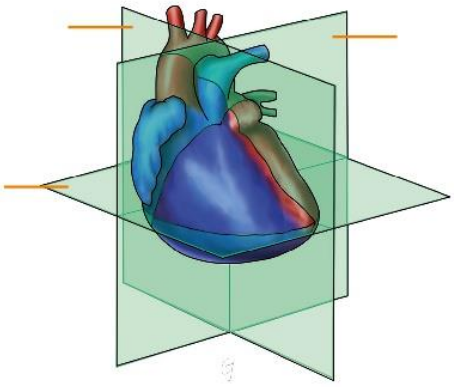
Sample question 1

Describe the **anatomical picture** as accurately as possible.



Sample question 2

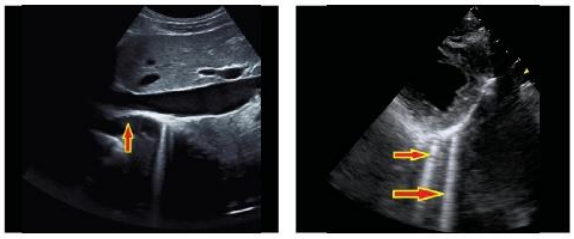
Label the **ultrasound windows / axes** shown in the diagram with the correct terms.



Sample question 3

Which **artefacts** are indicated by the arrows?

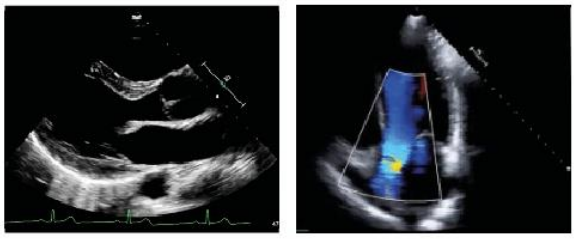
1. Artefact:
2. Artefact:



Sample question 4

Which **image modes** are shown in the pictures?

1. Image mode:
2. Image mode:



Sample question 5

· Complete the following sentence: The higher the frequency, the _____ the depth of penetration.

· Complete the following sentence: The lower the frequency, the _____ the depth of penetration.

Sample question 6

· Complete the following sentence: The correct sonomorphological term for "dark" areas in an image is: _____

· Complete the following sentence: The correct sonomorphological term for "light" areas in an image is: _____

Sample question 7

What **transducers** are shown here?

1: 2: 3:



Supplement 6 Sample questions from the Theory-tests in the 'Basic' competence area

The very short answer questions used were designed to test competences in relation to anatomical knowledge (sample questions 1 +2), understanding of artefacts and image modes (sample questions 3+4) and the physical and image morphological fundamentals of ultrasound, including transducers (sample questions 5-7).