

### Activity 3

In this activity you must produce a report on the anatomy and physiology of the lymphatic system.

(a) Activity 3 worksheet (Figure 2) shows the gross anatomy of the lymphatic system. Label Figure 2 to show the position of the:

- tonsils
- adenoids
- axillary lymph nodes
- supratrochlear lymph nodes
- spleen
- thymus gland.

Include the labelled Figure 2 in your report.

(b) (i) **Describe** the function of each of the structures that you have labelled in Figure 2.

(ii) **Describe** the movement and formation of lymph fluid and its different functions in the body.

(c) (i) **Explain lymphadenitis** and its treatments. This should include:

- a description of the physiological signs and symptoms
- how normal function of the lymphatic system is disrupted
- a description of the treatments
- the physiological basis of the treatments.

(ii) **Evaluate** the effects of **lymphadenitis** and its treatments. This should include:

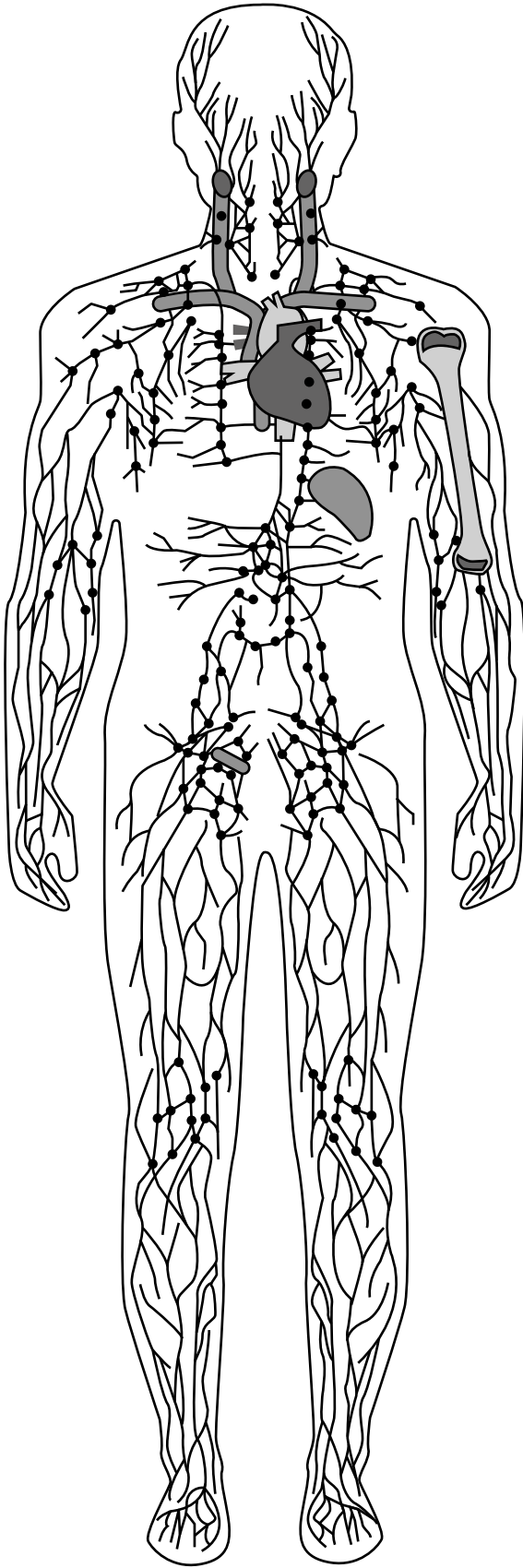
- the effects of **lymphadenitis** on the lymphatic system
- the likely benefits of the treatments
- the potential risks and problems of the treatments.

You must use the correct scientific terminology throughout your report.

This activity covers learning aim C.

C.P5, C.P6, C.M3, C.D3

### Activity 3 worksheet



**Figure 2**