

Hip replacements

Introduction

Some old people suffer from pain in their hip joints and have difficulty walking. To solve this problem they may be offered a hip replacement – the damaged hip is replaced with an artificial hip.

In this activity you will be using your research skills to find out about:

- the structure of a hip joint
- why a hip replacement may be needed
- what happens during hip-replacement surgery
- the benefits and risks of hip-replacement surgery

You will be using your literacy skills to produce a fact-sheet to be given out to patients who are thinking about having hip-replacement surgery.

Brief

You are going to produce a fact-sheet that doctors can hand out to patients who are thinking about having hip-replacement surgery.

Your factsheet should:

- contain a labelled diagram of the structure of the hip joint
- explain the job of each part of the hip joint
- include a short overview of what happens during hip-replacement surgery
- provide information on the benefits and risks of hip-replacement surgery
- fill one side of an A4 sheet
- use appropriate language that can be understood by people who have no medical or scientific knowledge.

Step 1

Research the following topics:

- the structure of a hip joint
- why a hip replacement may be needed
- what happens during hip-replacement surgery
- the benefits and risks of hip-replacement surgery.

Step 2

Find a diagram of the hip joint. Add labels to identify the different parts of the joint.

Step 3 (extension)

Find out what other options there are for patients with damaged hip joints, and how hip-replacement surgery is improving.

Step 4

Plan appropriate sub-headings to structure your fact-sheet and decide on the important information you want to include.

Step 5

Make your fact-sheet.

Sources**Basic structure of a joint**

This website contains information on the parts of a joint:

www.bbc.co.uk/bitesize/ks3/science/organisms_behaviour_health/life_processes/revision/7/

Structure of the hip joint

This website contains information on the structure of the hip joint:

<https://www.bbc.co.uk/bitesize/guides/zxc34j6/revision/5>

Hip-replacement surgery

This website contains information on why a hip replacement may be needed, what is involved in a hip-replacement operation, and risks of having the surgery:

www.bupa.co.uk/individuals/health-information/directory/h/hip-replacement

Hip-replacement surgery and alternatives/the future (extension)

This website contains information on why a hip replacement may be needed, what is involved in the operation, and risks of having the surgery. It also contains information on alternatives to hip-replacement surgery and improvements to the procedure:

www.nhs.uk/Conditions/Hip-replacement/Pages/Introduction.aspx

Writing frame

You are going to produce a fact-sheet that doctors can hand out to patients who are thinking about having hip-replacement surgery.

Summarise your research findings on the key areas below.

<p>Structure of a hip joint</p>	<p>Why a hip replacement may be required</p>	<p>What happens during hip-replacement surgery?</p>
<p>Benefits and risks of hip-replacement surgery</p>	<p>Alternatives and improvements to hip-replacement surgery (extension)</p>	<p>Plan for layout of fact-sheet</p>

Important points

- Make sure your fact-sheet fills only one side of an A4 sheet.
- Use appropriate language that can be understood by people who have no medical or scientific knowledge.
- Use bullet points to summarise your main findings.

Your work

You have now made a fact-sheet that doctors can hand out to patients who are thinking about having hip-replacement surgery.

Look at the questions below, and check that you have met the brief.

- Does your fact-sheet contain a labelled diagram of the structure of the hip joint?
- Have you explained the function of the different parts of the hip joint?
- Have you included an overview of what happens during surgery?
- Have you provided information on the benefits and risks of surgery?
- Have you included information on alternatives and improvements to hip-replacement surgery? (extension)
- Does your fact-sheet fit onto one side of an A4 sheet?

Have you used appropriate language that can be understood by people who have no medical or scientific knowledge?