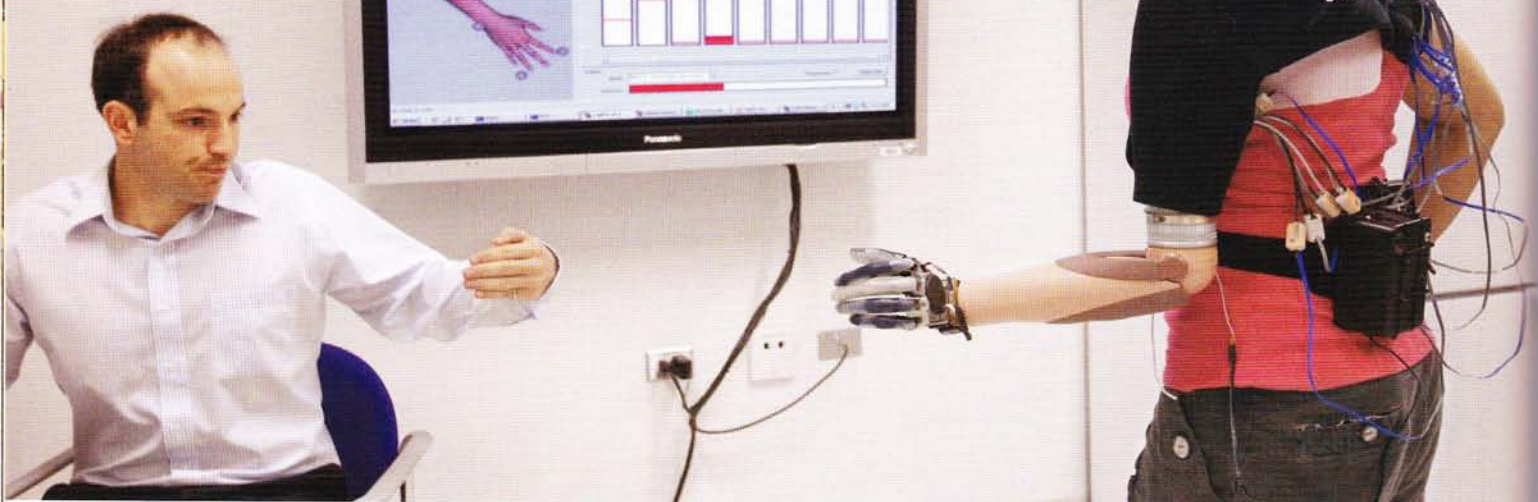


10a The bionic woman

Amanda Kitts
learns to
control her
new bionic
arm.
Photograph by
Mark Thiessen



Listening

- 1 Work in pairs. What was unusual about the main character in the *Terminator* films?
- 2 2.24 Listen to part of a TV preview show. Tick the three things the documentary is about.

bionic devices	growing new organs
cosmetic surgery	anti-ageing treatments
face transplants	

- 3 2.24 Match the two parts of the sentences. Then listen again and check.
 - 1 *The Bionic Woman* was a TV series
 - 2 The documentary is about a woman
 - 3 Doctors have developed a process
 - 4 Amanda Kitts is learning to do things
 - 5 Bionics can help people
 - 6 There'll be a time
 - a that we take for granted.
 - b when blind people will use bionic devices to see.
 - c where the character was part machine and part human.
 - d which grows new organs.
 - e who have lost limbs.
 - f whose arm was amputated.

- 4 What do you think the advantages of a bionic limb are compared with a traditional artificial limb? Tell your partner.

Grammar defining relative clauses

- 5 Look again at the sentences in Exercise 3. The second part of the sentence is the defining relative clause. It begins with a relative pronoun. Answer the questions.
 - 1 Who or what does the information following the relative pronoun refer to? Circle the relevant words in the first part of the sentence.
 - 2 Which relative pronouns have the same meaning?
 - 3 In which sentence is it possible to leave out the relative pronoun?
- 6 Look at the grammar box. Choose the correct option.

A defining relative clause gives *essential* / *additional* information about something.

▶ DEFINING RELATIVE CLAUSES

Cochlear implants allow
people who are deaf to hear.

For further information and practice, see page 87.

- 7 Underline other defining relative clauses in the audioscript on page 94. How many defining relative clauses are there?

- 8 Look at the diagram of a bionic body. Complete the captions. You can use one relative pronoun twice.

- 1 cochlear implants allow people _____ are deaf to hear
- 2 temporary artificial hearts for people _____ are waiting for transplants
- 3 prosthetic arms _____ can receive signals from the brain
- 4 the first replacement hips – from a time _____ bionics was an idea from science fiction
- 5 healthy area of bone _____ the bionic limb is attached
- 6 bionic limbs _____ movement mimics the body's natural steps

- 9 2.25 Cross out any relative pronouns which are optional and insert any which are missing. Then listen and check.

- 1 Amanda Kitts has a bionic arm receives signals from her brain.
- 2 A hospital is a place where patients are treated.
- 3 I don't like the medicine which I have to take.
- 4 People have burns injuries can benefit from face transplants.
- 5 Organ regeneration can help patients kidneys are diseased.
- 6 The doctor who we saw in the film is a pioneer in bionics.

10 Pronunciation sentence stress

- a 2.25 Listen to the sentences from Exercise 9 again. Notice how the relative pronouns are not stressed.
- b 2.25 Listen again and repeat the sentences.

Vocabulary and speaking medicine

- 11 Work in pairs. Choose the best option.

- 1 Several people were *injured* / *wounded* in the accident.
- 2 It's just a small cut. It will *treat* / *heal* naturally.
- 3 What time is your doctor's *appointment* / *date*?
- 4 They can't *cure* / *heal* this yet, but they can relieve the symptoms.
- 5 Where does it *hurt* / *pain*?
- 6 The *healing* / *treatment* has some unpleasant side effects.
- 7 The doctor is *controlling* / *monitoring* the patient's condition.
- 8 The injection isn't *hurtful* / *painful*.

- 12 Work in groups. Take turns to choose a word and then give a definition of the word.

surgeon injection
 botox operating theatre blood test
 A & E (accident and emergency)
 scan ambulance stitches
 donor crutches
 surgery radiographer ward
 X-ray paramedic first aid

Botox is something which celebrities use to make themselves look younger.

