Medicine and technology

VOCABULARY PRACTICE

INTERMEDIATE | B1-B2

Name: _____ **Date:** _____

1 Match each medical-technology term with its meaning.

1 scan	____	a artificial body part replacing a missing one
2 implant	____	b operation through very small openings
3 prosthesis	____	c medicine preventing pain during a procedure
4 remote monitoring	____	d object placed inside the body for a medical purpose
5 keyhole surgery	____	e digital file containing a patient's medical information
6 anaesthetic	____	f equipment worn on the body to collect information
7 wearable device	____	g image or examination produced by specialised equipment
8 health record	____	h checking a patient's condition from another location

2 Complete the medical-technology collocations.

data | **device** | **diagnosis** | **image** | **implant** | **monitoring** | **procedure** | **record**

1 a medical _____

2 a digital health _____

3 remote patient _____

4 collect health _____

5 produce a medical _____

6 support a clinical _____

7 fit an _____

8 perform a minimally invasive _____

3 Correct one mistake in each sentence.

1 The scanner **made a photo** of the patient's knee. _____

2 The surgeon operated **the patient** through a small opening. _____

3 The device sends readings **automatic**. _____

4 The patient was fitted **with a prosthetic**. _____

5 The implant is designed **for regulate** the heartbeat. _____

6 The software helps doctors **make diagnosis**. _____

7 The clinic stores the results **in a digital record health**. _____

8 The new system has made rapid **advancing**. _____

Medicine and technology

VOCABULARY PRACTICE

INTERMEDIATE | B1-B2

4 Complete the technology trial report with words from the box.

anaesthetic | data | health record | implant | keyhole surgery | prosthesis | remote monitoring | scan | wearable device | diagnosis

The trial combines a **1** _____ worn on the wrist with **2** _____ by the clinic. The system transfers **3** _____ to the patient's electronic **4** _____. An abnormal reading may lead to a **5** _____ and further tests before a **6** _____ is made. In surgery, an **7** _____ prevents pain. Some patients receive an **8** _____ or a **9** _____, while **10** _____ reduces the size of the incision.

5 Read the text and answer the questions briefly.

A smart inhaler trial

A clinic tested inhalers that recorded when and where patients used them. The app displayed patterns and reminded users about scheduled doses. Clinicians could see the information during appointments, but patients chose whether location data were shared. The trial showed that reminders improved regular use for some participants. However, missing data did not always mean a dose had been missed: devices sometimes lost connection, and some people used a standard inhaler instead.

1 What two things did the inhalers record? _____

2 What did the app display? _____

3 Who controlled access to location data? _____

4 What benefit did reminders provide? _____

5 Why could data be missing? Give two reasons. _____

6 Why should clinicians interpret the record carefully? _____

6 Rewrite using the word in capitals.

1 The clinic checks patients from a distance. **MONITORING** _____

2 The operation uses very small openings. **KEYHOLE** _____

3 The artificial part replaces a missing hand. **PROSTHESIS** ___

4 The device is worn on the body. **WEARABLE** _____

OVER TO YOU

Write a **100-120 word** evaluation of a medical device or health app. Explain its purpose, collected data, benefits, limitations and user control.

[ ] Use at least ten target expressions. [ ] Distinguish a scan from a diagnosis. [ ] Include one data-quality issue.

Medicine and technology

ANSWER KEY

1 Medical-technology terms

1 **g** 2 **d** 3 **a** 4 **h** 5 **b** 6 **c** 7 **f** 8 **e**

2 Medical-technology collocations

1 **device** 2 **record** 3 **monitoring** 4 **data** 5 **image** 6 **diagnosis** 7 **implant** 8 **procedure**

3 Corrections

1 **produced an image** 2 operated **on the patient** 3 **automatically** 4 fitted with a **prosthesis**
5 designed **to regulate** 6 make **a diagnosis** 7 in a digital **health record** 8 rapid **advances**

4 Technology trial

1 **wearable device** 2 **remote monitoring** 3 **data** 4 **health record** 5 **scan** 6 **diagnosis** 7 **anaesthetic** 8 **implant**
9 **prosthesis** 10 **keyhole surgery**

5 Reading - suggested answers

1 Time and location of use. 2 Usage patterns. 3 Patients. 4 More regular use.
5 Lost connection or use of a standard inhaler. 6 Missing data may not mean a missed dose.

6 Rewriting - possible answers

1 The clinic uses remote patient **monitoring**. 2 It is **keyhole surgery**. 3 The part is a hand **prosthesis**. 4 It is a **wearable device**.

Over to you: Answers will vary. Check technical vocabulary, evidence, data quality and user control.