

Answer key

Unit 1 Admitting a patient

a

- 1 A patient is filling in a hospital admission form using a digital pen.
- 2 date of birth, name, address, hospital or health number, allergies, GP name, address and phone number

b

A system that allows forms to be completed by hand but processed electronically.

c

- 1 F
- 2 T
- 3 T
- 4 F

d

| Advantages | Disadvantages |
|---|---|
| <ul style="list-style-type: none"> • face-to-face time with a nurse (less staffing costs) • records available immediately • use of pen is familiar | <ul style="list-style-type: none"> • difficult for elderly who may not be comfortable with technology • records may be lost if virus infects system • patients with arthritis may have difficulties with the pen |

Share Your Knowledge

- 2 wrist band bar code scanners; on-line pre admission; GPS coding on wristbands (useful for dementia patients who may wander and harm themselves)



Useful web links

Faster Processing of Hospital Admission Forms

<http://www.quickform.co.za/solutions/hospitaladmissions/tabid/83/Default.aspx>

Unit 2 Caring for patients in Recovery after an operation

a

- 1 It warms a patient after an operation.
- 2 hypothermia

c

- 1 perioperative
- 2 hypothermia
- 3 warmed
- 4 blanket

d

- 1 g
- 2 a
- 3 f
- 4 e
- 5 b
- 6 c
- 7 d

Share your knowledge

- 1 Patients often suffer from very low temperature after an operation.
- 2 patients feel less pain; they are more comfortable; for nurses: easy to use



Useful web links

Prevention of perioperative hypothermia

<http://www.anaesthesiaweb.com/article.aspx?articleid=100357>

Unit 3 Caring for a terminally ill patient

a 2

b

1 T

2 F

3 T

4 T

c

1 d

2 a

3 f

4 g

5 c

6 e

7 b

Share your knowledge

1 non-invasive; gives women a quick answer; reduces stress



Useful web links

LightTouch™ Non-invasive Cervical Cancer Detection

<http://www.guidedinc.com/lighttouch.htm>

Unit 4 Wound care

a

clean, wide, deep

b

1 DermaClose RC is a device which stretches the skin around open wounds (*external tissue expander*)

2 It pulls the two edges of a wound together and holds them in place (*provides continuous tension*)

3 The wound can be sealed (*the edges of the wound are brought close enough for final suturing*)

4 *reduces the area of the wound very quickly; reduces the lengths of scars significantly; helps treat moderate-to-large acute and chronic wounds*

c

1 stretch

2 wide

3 stitched

4 thread

5 applied

6 moderate

d

1 d

2 a

3 e

4 b

5 f

6 c

Share your knowledge

1 wounds heal much quicker; easy technology to use



Useful web links

Emerging advances in wound closure

<http://www.woundcaretech.com/Podiatry%20Today%20Article.pdf>

Unit 5 Swallowing difficulties

a

1 F

2 T

3 F

4 T

b

1 oropharyngeal muscles

2 eat and perform therapeutic exercises

3 speech and language therapists (SLTs) in the USA

4 patients are able to swallow more easily; decreased numbers of patients requiring tube feeding; patients discharged from rehabilitation and returning home faster

- c**
 1 d
 2 e
 3 a
 4 b
 5 c

- d**
 7, 5, 4, 1, 8, 6, 3, 2

Share your knowledge

- 1 Because it reduces risk of choking.
- 2 modified drinking cups; modified spoons



Useful web links

VitalStim therapy improves swallowing function in patients with dysphagia
<http://www.internationalbrain.org/?q=node/50>

Unit 6 Mobility

- a**
 1 in Radiology
 2 to put him on an X-ray table
 3 They are using a mattress.

- b**
 1 No – it can be left under the patient.
 2 Remove the pull straps.
 3 slide sheet material
 4 No – it's disposable.
 5 No – it's safe to use during an X-ray or MRI.
 6 In its own trolley bag.
 7 Because it reduces the risk of infection.

- c**
 1 air-filled
 2 move
 3 remain
 4 Radiology
 5 obese
 6 wheeled
 7 thrown

d
Hospital equipment which is used once and then thrown away: needles, dressings, oxygen masks, IV tubing, thermometer probes (*other answers possible*)

e
 They are only used once to avoid the spread of infection.

Share your knowledge

- 1 Because it reduces risk of back injuries for nursing staff, more comfortable for patient.
- 2 slide sheets; hoists



Useful web links

The NEW AirSlide: solving another difficult moving and handling problem
<http://www.prlog.org/10173625-the-new-airslide-solving-another-difficult-moving-and-handling-problem.html>

Unit 7 4D Ultrasound

- a**
 1 c

- b**
 1 An imaging technique which shows moving 3D images.
 2 The images are more detailed and are captured at a faster rate.
 3 It gives them a better view of the foetal development inside the mother's womb; it can identify abnormalities or malformations; doctors may be more prepared for any complications when the baby is born; they can treat any problems while the baby is still in the womb.

- c**
 1 c
 2 e
 3 d
 4 f
 5 a
 6 b

d Suggested answers

| Advantages | Disadvantages |
|---|---|
| <ul style="list-style-type: none"> • Easier than 2D or 3D Ultrasound • Shows a moving image • Parents can keep a DVD of their unborn baby • Parents can see what sex their baby is • Doctors can see if the baby is healthy • Parents will know exactly what their baby looks like before birth | <ul style="list-style-type: none"> • Expensive |

e

A *pre-cancer* is a condition that tends to develop into cancer.

If a baby is born *pre-term*, it is born early (*prematurely*).

A *precaution* is a measure taken in advance of a procedure to minimise risks.

Share your knowledge

- 1 to see what their baby looks like; to check for the sex of the baby; to check for abnormalities
- 2 Some parents may want to abort the child if it is the wrong sex or has a disability.



Useful web links

4D ultrasound

<http://latestmedicaltechnology.net/imaging/>

Unit 8 Diabetes**b Suggested answer**

The article is about an insulin delivery device for diabetics. It is possible to guess the answer from 'pump therapy' also known as 'insulin pump therapy' or 'continuous subcutaneous insulin infusion (CSII)' which is a treatment option for adults and older children with (Type 1) diabetes.

d

- 1 c
- 2 d
- 3 e
- 4 g
- 5 f
- 6 a
- 7 b

e

- 1 discreet
- 2 durable
- 3 watertight
- 4 adhesive
- 5 personalised
- 6 doses
- 7 built-in

f

- 1 fill the pod
- 2 apply the pod
- 3 press start

g

- 1 It gives freedom of movement and activity.
- 2 Young/active individuals although anyone would benefit from the technology.

h

- 1 E
- 2 C
- 3 D
- 4 A
- 5 B

i

- 1 much
- 2 increasing
- 3 increasing
- 4 less
- 5 more