

# CPD questions

## Summer 2012

### CPD ARTICLE 1 – PAGES 22-23

#### Patients with pacemakers

- Select the **correct** statement.  
Permanent pacemakers:
  - are fitted after most cardiac transplants
  - are contraindicated if the patient has cardiac arrhythmia
  - have the body implanted in the chest wall
  - are unshielded if they are modern
- Which is **false**? EMI may cause a pacemaker to:
  - fail to give stimuli when it is needed
  - give pacing at a fixed rate regardless of the heart's need for stimuli
  - give stimuli when it is not needed
  - get the heart back to a normal rhythm
- Select the **correct** statement regarding scalers.
  - the cavitron does not emit an electromagnetic field
  - piezoelectric scalers are always safe to use on unshielded pacemakers
  - sonic scalers operate electrically
  - ultrasonic scalers may interfere with unshielded pacemakers
- What other considerations should you take into account if a patient has a pacemaker?
  - whether you need to remove the magnetic pillow from the dental chair
  - whether you need to avoid laying the patient flat in the chair



- whether you need to turn off the ultrasonic bath
- all of the above

Answers to the CPD questions in the spring 2012 issue of *Vital*.

#### Oral cancer screening part 2

- Q1. D  
Q2. C  
Q3. B  
Q4. A

#### Our duty of care

- Q1. B  
Q2. D  
Q3. B  
Q4. C

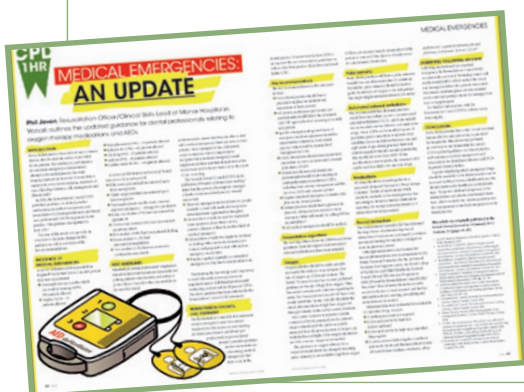
- the ABCDE approach; a manikin
  - basic airway management; an AED
  - mouth-to-mouth; the recovery position
4. Which of the following is **false**?
- for a suspected heart attack victim, oxygen must never be administered
  - if a patient's oxygen saturations are 94% or more, oxygen is not needed
  - high flow oxygen may be administered to a suspected heart attack victim if the patient has blue lips
  - oxygen cylinders should enable the delivery of oxygen at a rate of 15 litres per minute

**To submit your answers, please see the instructions on the following pages. The deadline for submission of this set of answers is 20 September 2012.**

### CPD ARTICLE 2 – PAGES 40-41

#### Medical emergencies: an update

- Select the **correct** statement.
  - a survey of dentists in Germany found that in a year, seven encountered anaphylaxis
  - a survey of dentists in England found that in a year, 63 of their patients were affected with vasovagal syncope
  - three patients had a heart attack in English dental practices in one year according to a survey of dentists
  - 36% of dentists in England had encountered up to ten emergencies in one year according to a survey
- According to the GDC publication *Principles of dental team working*:
  - dental team members should practise together regularly in a simulated emergency
  - only registered members of the dental team need to know their role if a patient collapses
  - there should be arrangements for at least two people available to deal with medical emergencies when treatment is taking place
  - A and C
- Fill in the blanks. Dentists and DCPS should receive training in CPR, including \_\_\_\_\_ and the use of \_\_\_\_\_.
  - basic airway management; oxygen cylinders



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TUTORIAL: HOW TO SUBSCRIBE TO VITAL CPD ONLINE (continued...)

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- Click on the tab that says 'subscriptions' at the top
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Complete the form below and return it with your cheque or credit/debit card details to: *Vital* CPD, BDJ Editorial, Nature Publishing Group, 4-6 Crinan Street, London, N1 9XW. **One form is required per person. The form can be photocopied.**

If you would like to send one payment for multiple team members, please ensure each team member has completed a copy of the form below.

## VITAL POSTAL CPD FORM - SUMMER 2012

### 1. Please PRINT your details below:

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### 3. Tick the answer to each question for each of the CPD articles in this issue.

	Article 1				Article 2			
	A	B	C	D	A	B	C	D
Q1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Q1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Q2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Q3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Q4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### 4. Please add any comments or feedback that you might have below or email [vitaleditorial@nature.com](mailto:vitaleditorial@nature.com).

\_\_\_\_\_  
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Replies must be received by 20 September 2012. The answers to the CPD questions will be published in the next issue.

