

SAJAA CPD ANSWER FORM - FEBRUARY 2005

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Continuing Professional Development Point Questionnaire

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Questions

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1.	Anaesthesia may be considered to be more of a spinal cord than a brain phenomenon.		
2.	Inhalational anaesthetics do not affect the spinal cord.		
3.	NSAIDS have a powerful effect on spinal nociceptive processing.		
4.	The Sheppard Oxygen Mask may provide better oxygenation than a ventimask in postoperative patients.		
5.	Patients who are HIV positive or who have AIDS may present with significant airway problems.		
6.	MRI uses static and gradient magnetic fields with radiofrequency pulses to produce precise images.		
7.	Standard medical gas cylinders can be used in the MRI scanner.		
8.	Anaesthetic vaporizers are significantly affected by the MRI scanner.		
9.	Morphine may precipitate a severe anaphylactic reaction.		
10.	Patient's temperature should be monitored in the MRI scanner.		
11.	During cardiopulmonary bypass (CPB), haematocrit values (Hct_{CPB}) of less than 20% are always detrimental to the patient.		
12.	The mathematical expression that was used in the study to predict Hct_{CPB} , (Hct_{pred}) can be used to forecast the haematocrits of all patients who will undergo CPB.		
13.	Patients who develop Hct_{CPB} of less than 20% generally weigh less than those whose Hct_{CPB} are greater than 20%.		
14.	A "positive" test ($Hct_{pred} \leq 23\%$) correctly predicted all of the patients who would develop Hct_{CPB} of less than 20%.		
15.	A patient with a "positive" test is 3.3 times as likely to develop a $Hct_{CPB} < 20\%$ than a patient with a "negative" test.		
16.	"Negative" tests ($Hct_{pred} > 23\%$) correctly predicted all patients who would develop $Hct_{CPB} > 20\%$.		
17.	In spite of the high false positive rate of 31% for Hct_{pred} , the number of patients who would require blood transfusion at any time during surgery was predicted with greater confidence.		
18.	"Negative" tests correctly predicted all patients who would not require blood transfusion.		
19.	Autologous blood transfusions always reduce costs.		
20.	A receiver operating characteristic (ROC) curve is obtained by calculating and plotting the true positive rate against the false positive rate for all possible "cut-off" values between positive and negative test results.		

SURNAME

INITIALS

MP NUMBER

Address: _____

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Instructions

1. Read the journal to find all the answers
2. Answer the questions and mark the answer form by putting an "X" in the appropriate square.
3. Make a photocopy for your records in case the form is lost in the mail.
4. Tear out page and place the answer form in an envelope, seal it and send to:-
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