Intravenous fluid therapy
TEST YOUR KNOWLEDGE BY COMPLETING THIS MULTIPLE-CHOICE QUIZ

1. Which of the following elements of the renin-angiotensin-aldosterone system plays an important role in potassium regulation?
   a) Renin □
   b) Angiotensin □
   c) Aldosterone □
   d) Angiotensin-converting enzyme □

2. Which of the following is a critical function of body fluid?
   a) Adjusting potassium levels □
   b) Maintaining acid-base balance □
   c) Replacing lost fluid □
   d) Regulating emotional responses □

3. Where in the body would you find blood plasma?
   a) In the intravascular compartment of cells □
   b) In the interstitial compartment of cells □
   c) In the intracellular compartment □
   d) Both in the intracellular and extracellular compartment □

4. Which of the following is a potential source of insensible fluid loss?
   a) Urination □
   b) Wound and gastric drainage □
   c) Blood loss □
   d) Breathing □

5. Which of the following is not a parameter of the National Early Warning Score 2?
   a) Temperature □
   b) Pulse rate □
   c) Urine output □
   d) Level of consciousness □

6. Which of the following is not one of the '5Rs' of intravenous fluid therapy?
   a) Referral □
   b) Redistribution □
   c) Reassessment □
   d) Replacement □

7. What is the difference between crystalloids and colloids in terms of how they affect fluid distribution in the body?
   a) Crystalloids largely remain in the intravascular space, whereas colloids mostly pass into the interstitial and intracellular space □
   b) Crystalloids mostly pass into the interstitial and intracellular space within hours of infusion, whereas colloids largely remain in the intravascular space □
   c) There is no difference between crystalloids and colloids □
   d) Colloids leave the intravascular space more quickly than crystalloids □

8. Which of the following is a possible side effect of the overuse of certain crystalloids?
   a) Coagulopathy □
   b) Hyperchloraemic acidosis □
   c) Anaphylaxis □
   d) Renal failure □

9. What is the recommended fluid for initial intravenous fluid therapy?
   a) A crystalloid solution □
   b) A colloid solution □
   c) Human albumin □
   d) A mix of blood products □

10. Which of the following is a sign of fluid overload?
    a) Diminished skin turgor □
    b) Fluided face □
    c) Headache and dizziness □
    d) Weight gain □

How to complete this quiz
This multiple-choice quiz will help you to test your knowledge. It comprises ten questions that are broadly linked to the CPD article. There is one correct answer to each question.
» You can test your subject knowledge by attempting the questions before reading the article, and then go back over them to see if you would answer any differently.
» You might like to read the article before trying the questions.
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Further multiple-choice quizzes are available at rcni.com/cpd/test-your-knowledge

This multiple-choice quiz was compiled by Anne-Claire Bouzanne

The answers to this multiple-choice quiz are:
1. c 2. b 3. a 4. d 5. c 6. a 7. b 8. b 9. a 10. d

This activity has taken me ___ minutes/hours to complete. Now that I have read this article and completed this assessment, I think my knowledge is:

Excellent □
Good □
Satisfactory □
Unsatisfactory □
Poor □

As a result of this I intend to: _____________________________________________________________