

Haemodynamics in the Acute Patient (576401)

Non Formal RPL Challenge Tests



Candidates that enter the non-formal RPL process are effectively saying that they have sufficient knowledge of the content of this paper and are proving currency. To this end, it is not the role of the university to coach applicants for the assessment. Applicants for Non Formal RPL credit for this paper will have completed the Formal RPL process and been awarded the pre-requisite papers.

This paper develops knowledge of changes to fluid homeostasis, hypoperfusion, trauma mechanisms and kinetics, physiology of fluids and electrolytes and the pharmacology of intravenous solutions. Applicants for Non Formal RPL will have applied Intermediate Life Support knowledge and skills of gaining intravenous and intraosseous access, together with a critical and analytical approach to clinical assessment and the management of potentially unstable patients. Applicants will have expertise in the following skills: subcutaneous injections, intravenous cannulation (adult and paediatric), external jugular vein cannulation, intraosseous injection and fluid replacement therapy.

Challenge Tests

- Practical: assess & manage a simulated Medical or Trauma case at Paramedic (ILS) level. This assessment includes three oral questions related to the case.
- Written Examination

You are encouraged to refresh your theoretical knowledge and read widely before undertaking the challenge tests.

Bickley, L.S. *Bates' Guide to Physical Examination and History Taking*. (current edition). Philadelphia: Lippincott Williams & Wilkins.

Bledsoe, B., Porter, R., Cherry, R. (2006). *Essentials of Paramedic Care* (2nd ed.). New Jersey: Prentice-Hall.

Fulcher, E., Frazier, M. (2007). *Introduction to Intravenous Therapy for Health Professionals*. St Louis, MO: Saunders Elsevier.

Lehne, R.A. (2010). *Pharmacology for Nursing Care*. (7th Ed). Missouri: Saunders.

Porth, C. M. (2005). *Pathophysiology – concepts of altered health states* (7th ed). Philadelphia: Lippincott, Williams & Wilkins.

St John Clinical Advisory Group. *St John Authorised Patient Care Procedures*. Wellington: Order of St John. [most recent edition]

American Academy of Orthopaedic Surgeons (AAOS), (2001). *Intravenous Therapy for Prehospital Providers*. Jones and Bartlett: Massachusetts.

Bullock, S., Manias, E. Galbraith, A. (2007). *Fundamentals of pharmacology*. (5th ed.). Frenchs Forest, Australia: Pearson Education

An example of an assignment question to illustrate the pitch of the paper - “*why is permissive hypotension is not appropriate in the management of patients with Traumatic Brain Injury.*”