

Supplementary material

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Survey questions

1. EMS location/region
2. How many EMS providers are employed by your service?
3. Does your service employ critical care/intensive care paramedics?
 - i. Yes
 - ii. No
4. Can your EMS providers administer vasoactive medication infusions?
 - i. Yes
 - ii. No
5. Which EMS provider is accredited to administer these agents in your service?
 - i. Medical doctor
 - ii. Critical care/Intensive care paramedic
 - iii. Advanced life support paramedics
 - iv. Basic life support paramedic
 - v. Other – enter free text
6. Prior to initiating a vasoactive infusion is a trial of fluid administration required?
 - i. Yes
 - ii. No
7. How much fluid is administered prior to initiating vasoactive infusions?
 - i. 10ml/kg
 - ii. 20ml/kg
 - iii. 30ml/kg
 - iv. Undefined
 - v. Other – enter free text
8. Does your service have guidelines relating to hemodynamic parameters at which vasoactive infusions should be commenced?
 - i. Yes
 - ii. No
9. Which blood pressure measurement would result in a vasoactive infusion being commenced by EMS?
 - i. Systolic blood pressure <80mmHg
 - ii. Systolic blood pressure >80mmHg and <90mmHg
 - iii. Systolic blood pressure >90mmHg and <100mmHg
 - iv. Other – enter free text
10. In addition to hypotension, which other parameters would prompt EMS providers to commence a vasoactive infusion based on your service's guidelines?
 - i. Tachycardia
 - ii. Cool peripheries
 - iii. Elevated lactate
 - iv. Abnormal mentation

- v. No additional parameters
 - vi. Other
11. What is the first line vasoactive agent for infusion in patients with suspected sepsis?
- i. Epinephrine
 - ii. Norepinephrine
 - iii. Metaraminol
 - iv. Dopamine
 - v. Phenylephrine
 - vi. Dobutamine
 - vii. Other – enter free text
12. What is the target blood pressure in suspected sepsis?
- i. Systolic blood pressure <80mmHg
 - ii. Systolic blood pressure >80mmHg and <90mmHg
 - iii. Systolic blood pressure >90mmHg and <100mmHg
 - iv. No specific target
 - v. Other – enter free text
13. What is the first line vasoactive agent for infusion in patients with suspected cardiogenic shock?
- i. Epinephrine
 - ii. Norepinephrine
 - iii. Metaraminol
 - iv. Dopamine
 - v. Phenylephrine
 - vi. Dobutamine
 - vii. Other – enter free text
14. What is the target blood pressure in suspected cardiogenic shock?
- i. Systolic blood pressure <80mmHg
 - ii. Systolic blood pressure >80mmHg and <90mmHg
 - iii. Systolic blood pressure >90mmHg and <100mmHg
 - iv. No specific target
 - v. Other – enter free text
15. What is the first line vasoactive agent for infusion following return of spontaneous circulation (ROSC) in cardiac arrest?
- i. Epinephrine
 - ii. Norepinephrine
 - iii. Metaraminol
 - iv. Dopamine
 - v. Phenylephrine
 - vi. Dobutamine
 - vii. Other – enter free text
16. What is the target blood pressure in cardiac arrest?
- i. Systolic blood pressure <80mmHg

- ii. Systolic blood pressure >80mmHg and <90mmHg
- iii. Systolic blood pressure >90mmHg and <100mmHg
- iv. No specific target
- v. Other – enter free text

17. What is the first line vasoactive agent for infusion in patients with undifferentiated shock?

- i. Epinephrine
- ii. Norepinephrine
- iii. Metaraminol
- iv. Dopamine
- v. Phenylephrine
- vi. Dobutamine
- vii. Other – enter free text

18. What is the target blood pressure in undifferentiated shock?

- i. Systolic blood pressure <80mmHg
- ii. Systolic blood pressure >80mmHg and <90mmHg
- iii. Systolic blood pressure >90mmHg and <100mmHg
- iv. No specific target
- v. Other – enter free text

19. Does your service commence a second line vasoactive infusion in the event of refractory shock?

- i. Yes
- ii. No

20. What agent is the second line vasoactive infusion used by your service?

- i. Epinephrine
- ii. Norepinephrine
- iii. Metaraminol
- iv. Dopamine
- v. Phenylephrine
- vi. Dobutamine
- vii. Other – enter free text