

Current COG Review Questions

System Design

1. What makes up the EMS System?

Medical Oversight of the System

2. Who is the System Medical Director?
3. What is a Medical Directive (also known as a Clinical Directive)?

System Credentialing (What level of care can an individual provide?)

4. What is a Credentialed Provider?
5. When must documentation of patient care be completed?

Credentialing Requirements

6. Where must System Identification Badges be worn?
7. What are the "Five Deadly Sins" resulting in Revocation of Credentials?

Logistics of Patient Care On-Scene

8. How do you determine the responsibility for care decisions in cases where there is conflict on appropriate care?
9. What considerations should you make when determining when to leave care with a lesser credentialed provider?
10. What is and "Intervener Physician" and how do we approach handle this?

Applicability of COGs

11. What 5 principles are we obligated to follow in determining legal competence of a patient?
12. What age patient may give consent or refuse care?

Legal Competency and Present Mental capacity to Consent or refuse Evaluation or Treatment

13. What 7 things must be determined or considered when restraining and/or transporting a patient against their will?

Initiation and Termination of Cardiopulmonary Resuscitation (CPR)

14. What are the considerations for the initiation of resuscitation efforts?
15. What are the considerations and processes for termination of resuscitation efforts?

Patient Care reporting Requirements

16. What are the principles for documentation?

Clinical Errors and Reporting

17. What events should be reported as a Clinical Concern?
18. What is the process for reporting a Clinical Concern?

Infection Control

19. What circumstances mandate the use of Personal Protective Equipment?
20. What is our exposure follow-up procedure?

Airway Adequacy (The "A")

21. Discuss the key concepts in airway management.



Airway Management Approach

22. What steps should you take in managing the difficult airway?
23. What 6 confirmations are identified for the verification of the placement of an airway?

Appropriate Ventilation (The “B” in Breathing)

24. What are the recommended ventilatory rates in absence of adequate ET CO_2 and pulse oximetry?
25. How do we determine the ventilatory rate for a brain injured patient?

Circulation (“The C”)

26. What is our maintenance pressure (blood pressure) we use as a goal for measuring our effort in circulatory support?

Causes for Nervous System Dysfunction

27. What are the identified metabolic abnormalities that may cause altered mental status or impaired function?
28. What are the identified structural abnormalities that may cause altered mental status or impaired function?

Nervous System Assessment

29. What technique is used for the assessment of a stroke?

Airway Management / Pharmacologic Assisted Intubation

30. What are the medications and dosages?
31. When do we do cricoid pressure?
32. When do we use Vecuronium?
33. What are the blood pressure considerations for the medications for PAI?

Allergic Reactions / Anaphylaxis

34. What are the medications and dosages?
35. How do we mix an Epi drip for the adult and for the pediatric patient?

Violent Patient / Chemical sedation

36. What are the medications and dosages?

Environmental Temperature Emergencies

37. What medication (and dosage) is given if there is evidence of malnourishment? What level skill is this?
38. What is the temperature at which we withhold antiarrhythmics?

Glucose Abnormalities Hypoglycemia / Hyperglycemia

39. What are the medications and dosages?
40. What is the blood glucose level in which we administer a bolus of normal saline? What is the time it should be given?
41. How do we mix Dextrose for Newborns, Infants and Children?

Hypotension/Hypoperfusion (non-traumatic)

42. What are the medications and dosages?



Nausea/Vomiting

43. What are the medications and dosages?
44. What are the systolic blood pressure limitations for the use of promethazine?

Obstetrical Emergencies

45. What are the medications and dosages?
46. What is the treatment for the inverted uterus?

Obstructive Airway Disease

47. What are the medications and dosages?
48. How many doses of Albuterol may be administered?
49. What are the weight guidelines for Ipratropium Bromide?
50. What is the indication for nebulized Epi 1:1000?

Overdose

51. What are the medications and dosages?
52. What is the “titrated effect” we are seeking with Narcan?
53. What are the medical indications for the use of Sodium Bicarb, Calcium Chloride, and Diazepam in this protocol?
54. What is a “dystonic” reaction?

Pain Management

55. What are the medications and dosages?
56. What are the maximum dosages?
57. What are the “optional orders” and what must occur to utilize this?

Reactive Airway Disease

58. What are the medications and dosages?
59. When is Magnesium Sulfate given?
60. When is Lidocaine given?
61. What is “cough variant” asthma?

Seizures

62. What are the medications and dosages?
63. What is the temperature indication and the maximum dose for the use of Acetaminophen?
64. What are the maximum dosages for the pediatrics as it relates to valium?

Stroke

65. What should occur in the event of a presentation or history suggestive of acute stroke?

Submersion Drowning / Near Drowning

66. What are the medications and dosages?



Toxic Exposure – Carbon Monoxide

67. What are the medications and dosages?

Toxic Exposure – Hydrofluoric Acid

68. What must steps taken for skin, eye, and ingestion exposures?

Toxic Exposure – Organophosphate Agents

69. What are the medications and dosages?

70. How often is Atropine given?

71. What is the endpoint for administration of Atropine?

Acute Coronary Syndromes (ACS) Acute Myocardial Infarction

72. What are the medications and dosages?

73. What are the limitations for the administration of aspirin?

74. What is the timeframe consideration for NTG and ED medications?

75. What are the blood pressure considerations for the medication use?

76. When is Diazepam used?

Ventricular Tachycardia or Wide-Complex of Unknown Type (with pulses)

77. What are the medications and dosages?

78. What is the progression of the synchronized cardioversion energy settings?

79. When is Magnesium Sulfate indicated?

80. What are the biphasic equivalents?

81. What are the identified blood pressure limitations?

82. What is the “severe hypotension” in reference to sedation?

Bradycardia (Symptomatic)

83. What are the medications and dosages?

84. What is the maximum dose of Atropine?

85. What is the maintenance blood pressure goal when using an Epi or a Dopamine drip?

86. What are dosages for endotracheal administration of Epi and Atropine?

Presumed Hyperkalemia

87. What are the medications and dosages?

88. What are the ECG characteristics described in the protocol?

Congestive Heart Failure / Pulmonary Edema

89. What are the medications and dosages?

90. What is the blood pressure consideration and the maximum dosing for Lasix?

91. What are the maximum increments for Morphine?



Narrow-Complex / Supraventricular Tachycardias (with Pulses)

- 92. What are the medications and dosages?
- 93. What is the progression of the synchronized cardioversion energy settings?
- 94. What are the biphasic equivalents?
- 95. What are the blood pressure considerations in this protocol?
- 96. What are the maximum dosing limitations for Diltiazem?

On Scene Determination of Death and Pronouncement Process

- 97. What is the timeframe for attempted resuscitation?
- 98. What heart rate (on the monitor) is identified in this protocol? How is that used?

Cardiac Arrest Universal Management

- 99. What are the medications and dosages?
- 100. What are the CPR guidelines?

Asystole / Pulseless Electrical Activity (PEA)

- 101. What are the medications and dosages?
- 102. What is "simultaneous therapy"?

Ventricular Fibrillation Pulseless Ventricular Tachycardia

- 103. What are the medications and dosages?
- 104. What is the defibrillation energy setting?
- 105. What is the biphasic equivalent?

Presumed Hyperkalemic Arrest

- 106. What are the medications and dosages?
- 107. How do we give Albuterol, in this case?

Post Delivery Newborn Resuscitation

- 108. What are the medications and dosages?
- 109. What are the general management procedures for resuscitation?
- 110. What are the different procedures for heart rates of <60 and for rates between 60 and 100?

Amputations

- 111. Who should be notified early?
- 112. What is the management for a body part or tissue?
- 113. What is the management for a tooth avulsion?

Traumatic Brain Injury

- 114. What are the medications and dosages?
- 115. What are the treatment limitations for fluid resuscitation?
- 116. What position may be considered for this patient?



Burns – Electrical / Lighting

117. What are the medications and dosages?
118. When are wet dressings indicated?
119. What is the Parkland Burn Formula?
120. What continuous monitoring is described in this protocol? Why?

Burns – Thermal

121. What are the medications and dosages?
122. When are wet dressings indicated?
123. What is the Parkland Burn Formula?

Crush Injuries

124. What is the medication and dosage?
125. What is the timeframe for this?

Pneumothorax

126. What is the treatment described? When is it used?

Skeletal Injuries

127. What is the medication and dosage?
128. What are the described tools for stabilizing a pelvic fracture?
129. What is the suggested management for a proximal femur fracture?

Snake Bites

130. What is the medication and dosage?
131. How should the limb be managed?

Soft tissues Injuries

132. When should impaled objects be removed?

Spinal Cord Injuries

133. What is the medication and dosage?
134. How do we position the pregnant patient?

