

**Week 16 Q**

**Trauma**

**Principles of trauma Head trauma**

**Facial trauma**

**Neck and spinal trauma**

**1. What are the important medical factors to consider in single vehicle crash?**

**2. What are the different potential types of blast injury?**

**3. Which organs are the top two most sensitive to blast injuries?**

**4. What is the clinical significance of tympanic membrane examination in blast injuries?**

**5. What are the potential lung injuries due to blast injury?**

**6.What are the ideal setting on ventilator in an intubated patient due to lung blast injury without pneumothorax?**

**7.What are the indications of CXR in trauma?**

**8.What are the indication for CT chest in trauma patients?**

**9.What are the indication of thoracolumbar spine imaging in trauma?**

**10.List the indications for Pelvic imaging in trauma patient?**

**11.List the most useful test, other than imaging, in trauma patients?**

**12. List the potential complicating factors in airway control of a trauma patient?**

**13. What is hypotensive resuscitation and what are the potential contraindications?**

**14. What is the ratio of blood products in massive blood transfusion protocol?**

**15. List the general sequence of treatment strategies in a trauma patient with bleeding?**

**16. What are some adverse effects of hypothermia ( T= 33 ) in trauma patients?**

**17. What is the definition and list some of the primary injury post head injury?**

**18. List some of the causes of secondary brain injury post head injury?**

**19. List the important points in the history of a patient post head injury?**

**20. What is percentage of having an abnormal CTB in a head injury patient with GCS15 ?**

**21. What is likelihood of a patient with GCS 15 post head injury to have a ICH that needs NSx intervention?**

**22. List a head CT rule for adult patient with head injury ?**

**23. List a head CT rule for paediatric head injury patients?**

**24. List test(s) for diagnosis of CSF leak?**

**25. What are the risk factors for post traumatic epilepsy?**

**26. What is the most common vessel involved in extradural haematoma?**

**27. What is the overall mortality of extradural haematoma?**

**28. What are characteristics of CT appearance of extradural haemorrhage?**

**29. What is the management of extradural haemorrhage?**

**30. What is the origin of bleeding of subdural haemorrhage?**

**31. What are the high risk patients to have subdural haemorrhage?**

**32. What is the density of blood, HU, on CT?**

**33. What are the CT characteristics of subdural haemorrhage?**

**34. What is the overall mortality of acute subdural haemorrhage?**

**35. What is the treatment of subdural haemorrhage?**

**36. What features may suggest conservative treatment of a patient with subdural haemorrhage?**

**37. What are the changes in density of blood in various stages of subdural haemorrhage, acute, subacute and chronic?**

**38. What are the steps in management of head trauma?**

**39. List the discharge advice post head injury?**

**40. What are the indications of emergency craniotomy?**

**41. What are the anatomical landmarks for performing temporal burr hole ?**

**42. What is the definition of mild traumatic brain injury?**

**43. List some of the features of mild traumatic brain injury?**

**44. What is the definition of severe head injury?**

**45. List the potential complications of facial trauma?**

**46. What are the complications of nasal fracture?**

**47. What is the most common type of mandibular dislocation?**

**48. What is Le Fort fracture?**

**49. What are the potential symptoms and signs of laryngotracheal trauma?**

**50. List the potential complications of cervical spine immobilisation?**

**51. What are the three columns of cervical spine?**

**52. What are the most common and the least common spinal vertebrae fracture?**

**54. Where is the most common site for vertebral dislocation?**

**55. List the criteria for Nexus cervical spine imaging rule?**



**56. What is adequate lateral spine xray?**

**57. What are the important lines and measurements on reviewing a Cervical Spine xray image?**

**58. What is Siwshuck line?**

**59. What is the significant of open mouth Xray on imaging the Spine?**

**60. What is clay Shovellers fracture?**

**61. What is Hangman's fracture?**

**63. What are the different types of Odontoid fracture?**

**64. What is Jefferson Fracture?**

**65. What are the minor fracture of the Thoracolumbar spine?**

**66. What are the major fractures of thoracolumbar spine?**

**67. What the common anatomical location of traumatic thoracolumbar fracture?**

**68. When does a compression fracture become potentially unstable?**

**69. What is Chance fracture?**

**70. What are the potential associated injuries with lumbar transverse process fracture?**

**71. What level does spinal cord finishes in adults?**

**72. What is SCIWORA?**

**73. What is the difference between spinal shock and neurogenic shock?**

**74.What is:  
Central cord syndrome?**

**Anterior Cord Syndrome?**

**Brown-Sequard Lesion?**

**75.What are the indications for corticosteroids in spinal cord injury?**