

Bad rash

A 4 yr old child presents to you're A&E department with a rash like this



(rash is meningococcal, in case you can't see)

What features would you assess in your initial examination of the child (6 marks)

Must include features of shock (4 marks) and raised ICP (2 marks)

Tachy

Cool peripheries

Cap refill

Inc RR/SaO₂ <95%

Hypoxia on ABG

BE worse than -5

Poor UOP

Hypotension (late)

decreased/fluctuating GCS

Hypertension +relative brady

pupils unequal/sluggish/dilated

Focal neurology

Abnormal posture/seizures

Papilloedema (late)

What fluid bolus would you give if necessary (how much and of what)? (1 mark)

20 ml/Kg colloid (HAS 4.5%)

If no response after 3 boluses of fluid, what would be your next action (1 mark)

Arrange intubation

Give 2 drugs + doses that would be used, sequentially, to treat fitting in this child (2 marks)

Lorazepam or Midazolam 0.1 mg/kg

Phenytoin 18mg/kg

Meningitis research foundation

Early management of meningococcal disease in children 4th Edition