

HAEMORRHAGE

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Uncontrolled bleeding will lead to a hypovolaemic shock - state, or haemorrhagic shock. While haemorrhage and shock often coexist, they are not the same. Patients who are actively bleeding may not yet be in shock. Conversely, patients may be in shock as a consequence of haemorrhage, but they may no longer be actively bleeding. Resuscitation is very different if patients are actively bleeding or if they are not bleeding. In patients who are bleeding, the priority is to stop bleeding. In patients who are not bleeding, the priority shifts to normalising end-organ perfusion (correcting the shock state). Thus it is vital to recognise patients who are actively bleeding, and this is different from recognising that a patient is in shock. Haemorrhage must be recognised and managed rapidly and decisively to reduce the severity and duration of shock. Haemorrhage is treated by arresting the bleeding - not by fluid resuscitation or blood transfusion. Although necessary as supportive measures to maintain organ (especially cardiac) perfusion, repeated volume resuscitation of patients who have ongoing haemorrhage will lead to physiological exhaustion (profound coagulopathy, acidosis and hypothermia) and subsequently death. HAEMORRHAGE

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