

a)Measured ins and outs: Ins: nutrition, maintenance fluids, medications and electrolytes, blood transfusions, colloids. Outs: diuresis, fluid removal from renal replacement therapy, tube drainage, vomiting/gastric tube drainage, bleeding, contents from faecal management system.

b)Overhydrated (increased total body water relative baseline) as suggested by weight above
 baseline/preadmission body weight, and/or peripheral/radiological oedema.

c)Dehydrated (decreased total body water relative baseline) as suggested by body weight below
baseline/preadmission body weight, decreased skin turgor, dry mucus membranes. Adjust baseline bodyweight according estimated weight loss during ICU stay.

d)Maintenance fluid is defined as intravenous fluid (crystalloids at a rate < 5ml/kg/kg and/or glucose solutions) or enteral water prescribed to ensure that total volume of fluid covers basic need of water (approx 1 ml/kg/h). Starting at 72 hrs after randomization, glucose solutions at a maximal dose of 1g/kg/day may be given if enteral nutrition is not tolerated.Glucose at this- or a lower dose may be started earlier in patients with insulin dependent diabetes if enteral feeding is not tolerated and if local protocol mandates this. Glucose solution should be at a concentration of 20% or above unless the patient is dehydrated

e) Diuretics may be given to achieve desired fluid balance.