

Adult Burn Fluid Resuscitation Protocol

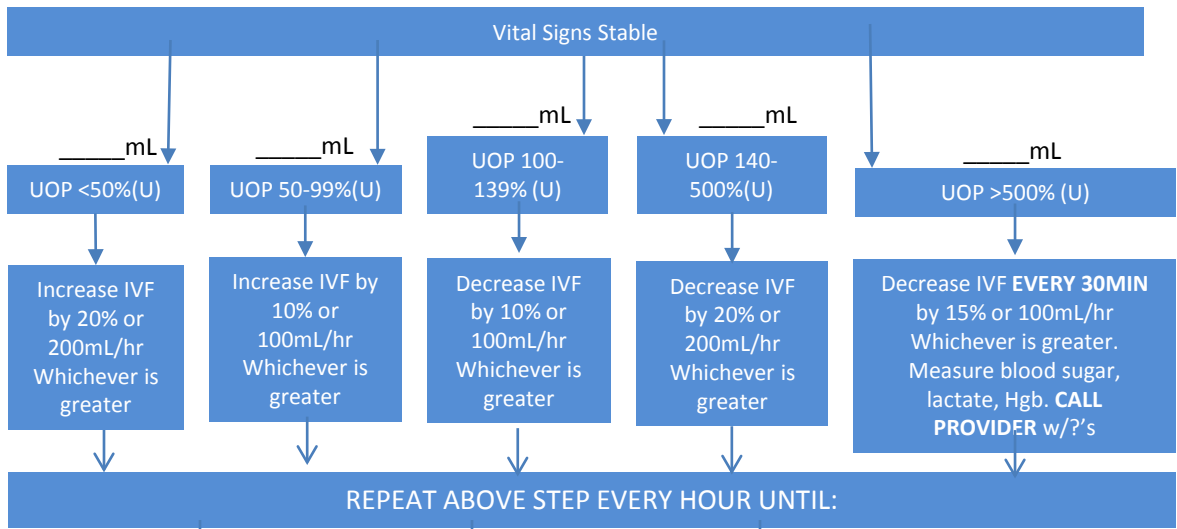
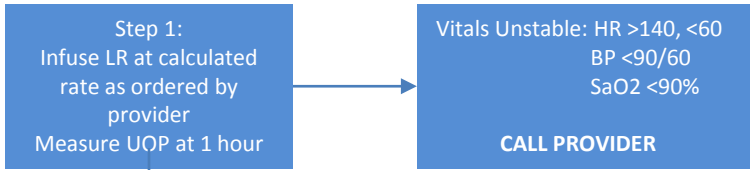
University of South Alabama Medical Center – Burn Center

Indications: 2nd/3rd degree burns to $\geq 20\%$ TBSA

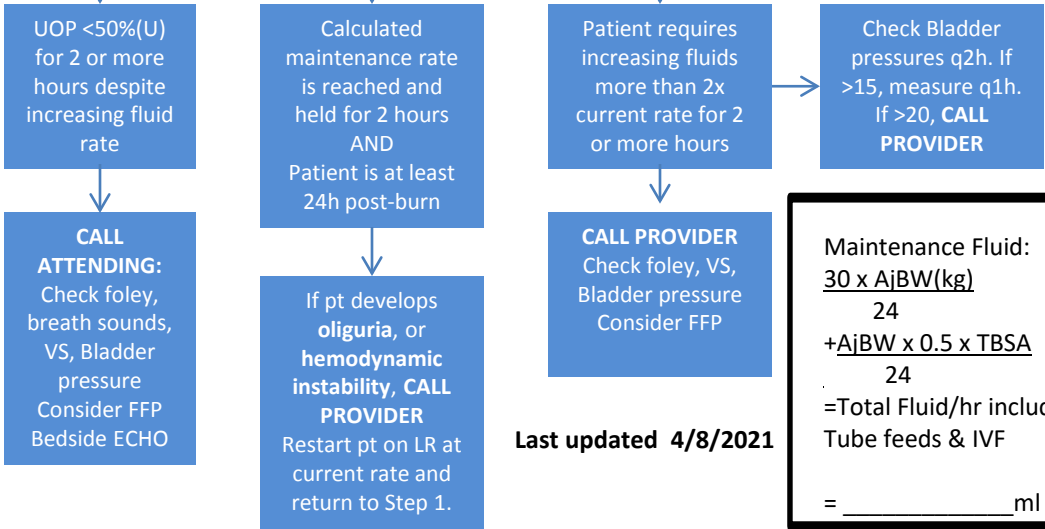
Exclusions: Heart Failure, Renal Failure, High Voltage Electrical Injury ($\geq 1000V$)

1. Calculate Adjusted Body Weight (AjBW) = $(Actual\ Body\ Weight - Ideal\ Body\ Weight)0.3 + IBW$
2. 2-4mL of LR x Adjusted Body Weight (kg) x %TBSA
 1. Use 2mL for above equation if 2nd degree burns **WITHOUT** Inhalation Injury
 2. Use 3mL if 2nd degree burns **WITH** Inhalation Injury (see separate Inh Inj Protocol)
 3. Use 3mL if 3rd degree burns **WITHOUT** Inh Inj
 4. Use 4mL if 3rd degree burns **WITH** Inh Inj
3. **PTA fluid given _____ ml** Subtract PTA fluid, then divide by 16: this is your initial IVF rate _____ ml/hr

Expected UOP =
 $0.5mL/AjBW\ kg/hr = U$
 UOP goals below based off of %
 of U
 U = _____



For ANY questions, call Provider/ Resident/ Attending



Maintenance Fluid:
 $\frac{30 \times AjBW(kg)}{24}$
 $+ \frac{AjBW \times 0.5 \times TBSA}{24}$
 = Total Fluid/hr including Tube feeds & IVF
 = _____ ml

Last updated 4/8/2021

Reference(s):

Faraklas I, Cochran A, Saffle J. Review of a fluid resuscitation protocol: "fluid creep" is not due to nursing error. J Burn Care Res. 2012; 33: 74-83.