

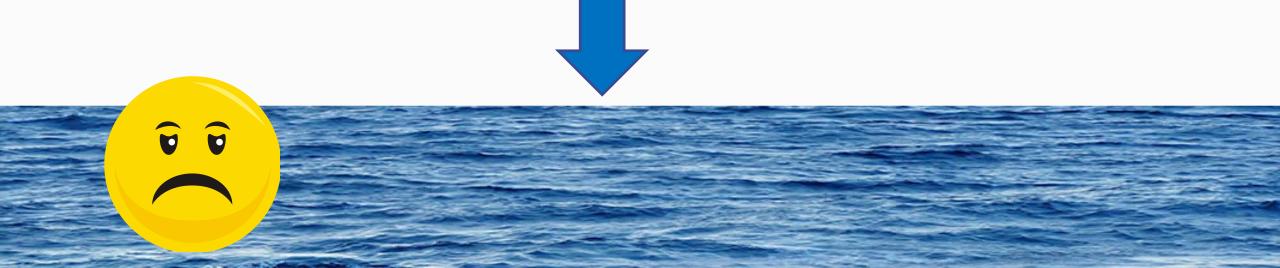
DISCLOSURES



Nothing to disclose

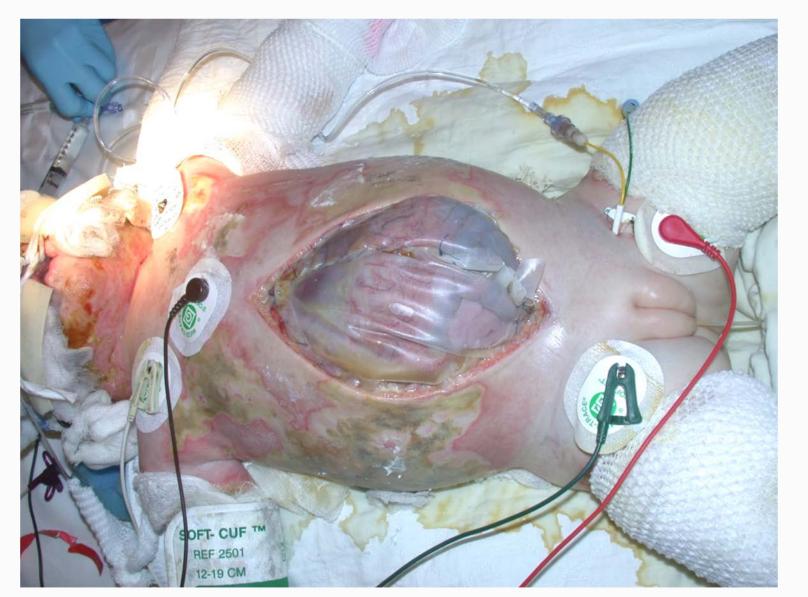
BURN RESUSCITATION





OVER-PREDICTED RESUSCITATION: A COMMON PROBLEM





CHILDREN AND ADULTS WITH <10% TBSA BURN OFTEN GET FLUID RESUSCITATION



 Can result from over estimation of burn

 But happens up to 40% of the time when prehospital TBSA = Burn Center TBSA



AT HARBORVIEW...





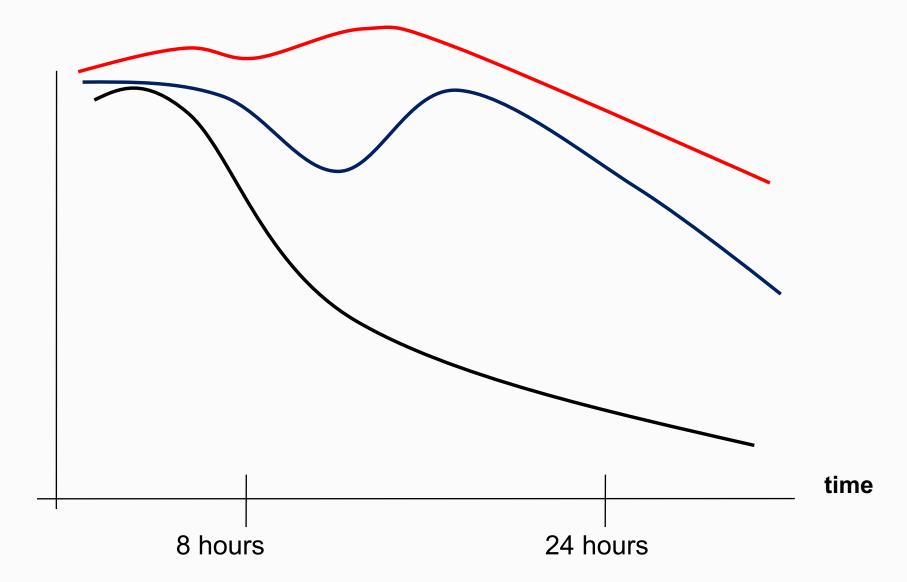
	Group 1	Group 2	P
Total fluids, first 24 h (cm ³ /kg/%TBSA)	3.6 ± 1.1	8.0 ± 2.5	< 0.01
Total fluids, first 24 h (cm ³)	15600 ± 7433	27367 ± 10064	< 0.05
Range	7000–32000	10647-46850	
Urine output, first 24 h (cm ³)	1857 ± 1475	1730 ± 841	
Range	427–4160	759–3258	
Urine output, first 24 h (cm ³ /kg/h)	0.9 ± 0.6	1.1 ± 0.6	

TYPICAL RESUSCITATION CURVES





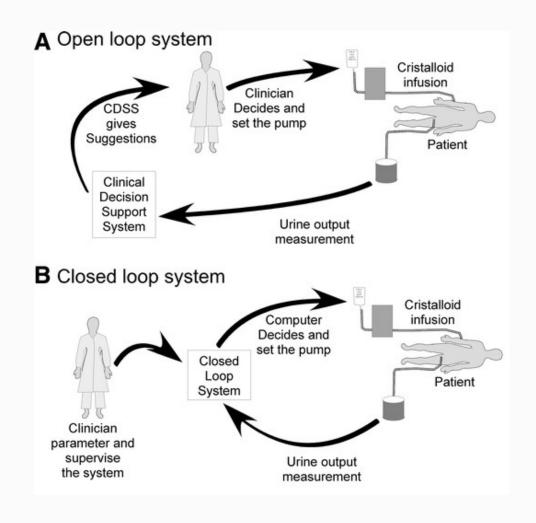
Infusion rate

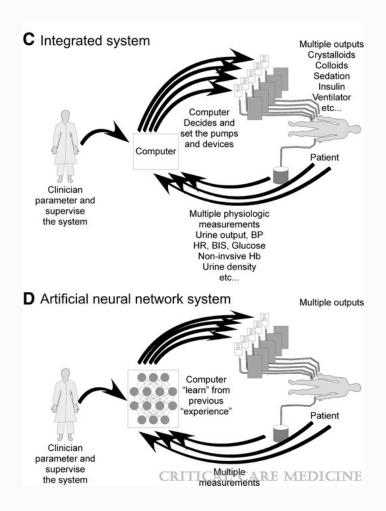


RESUSCITATION AUTOPILOT





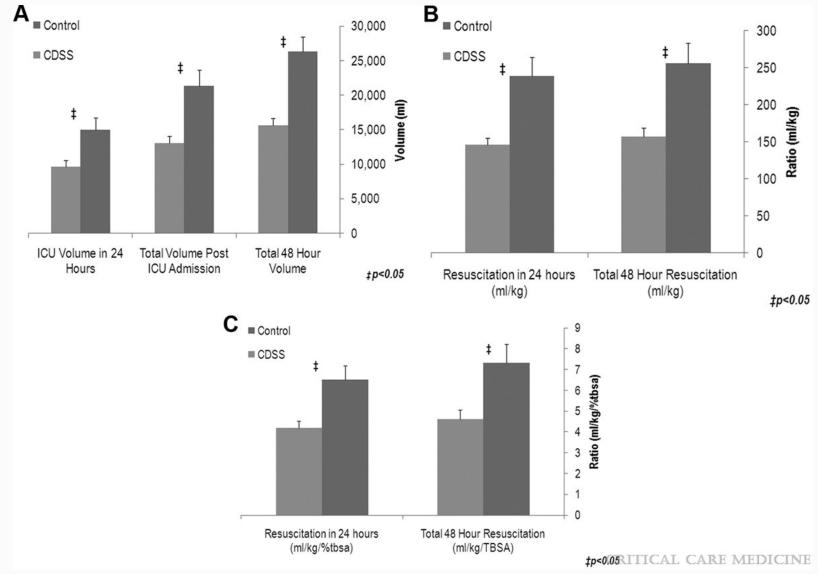


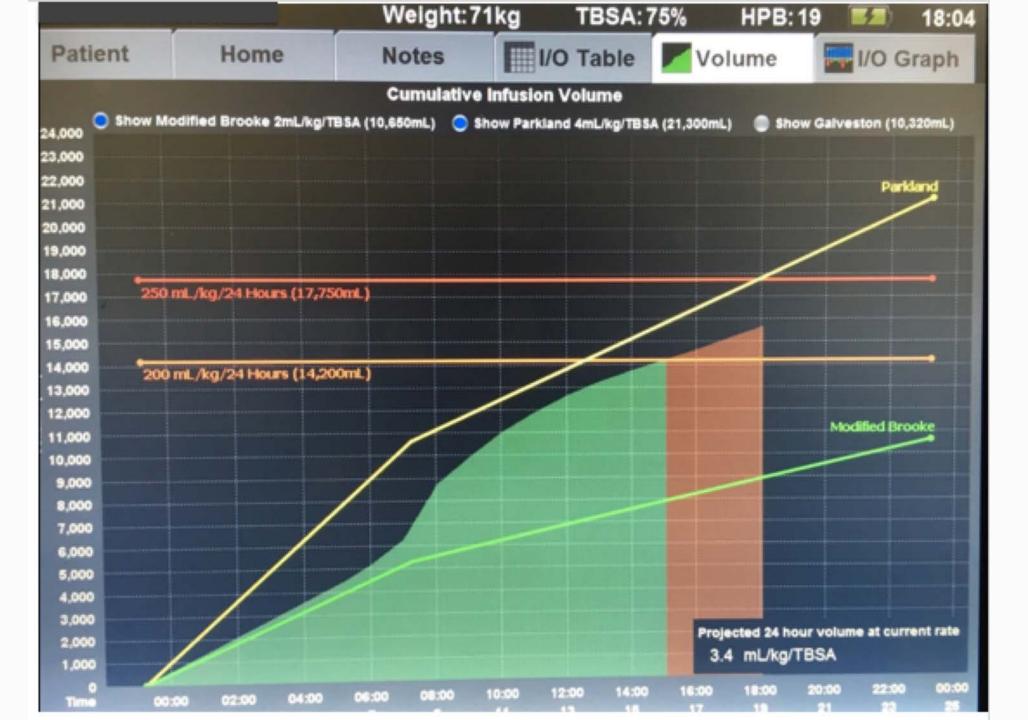


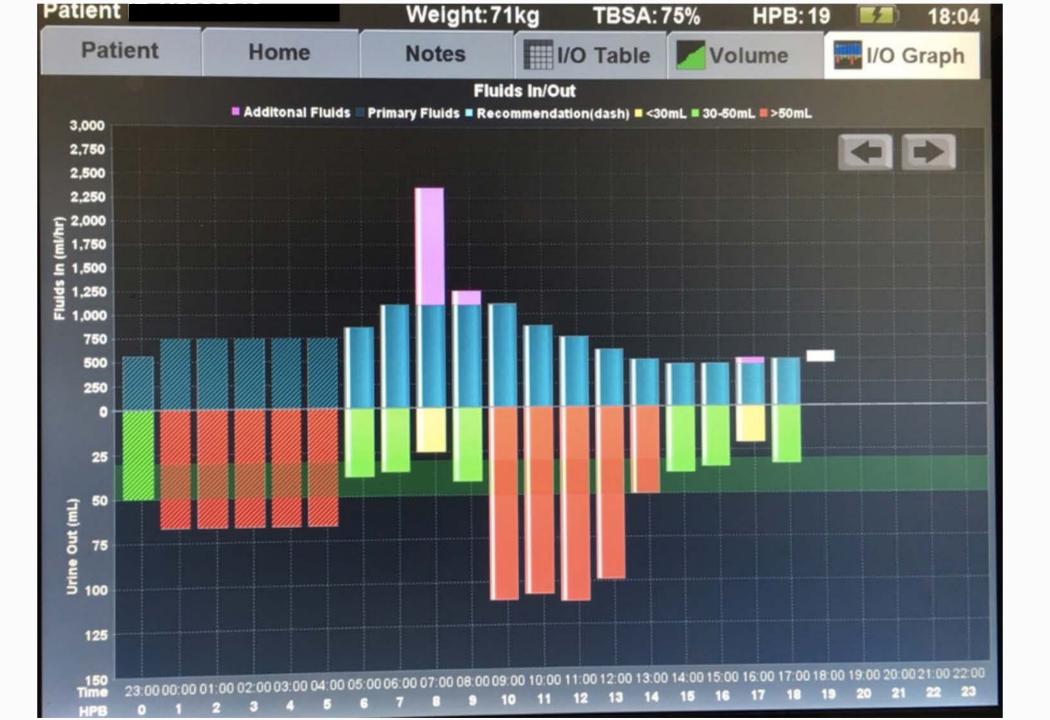
BURN NAVIGATOR



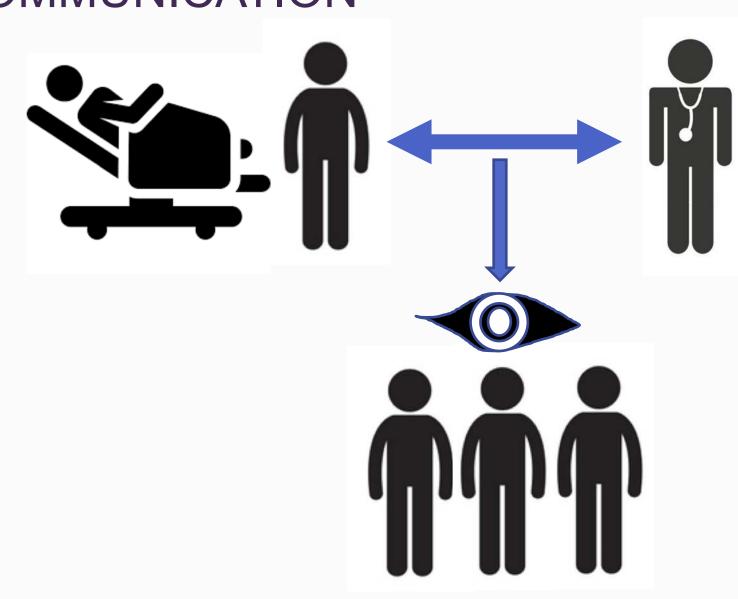








COMBINING WITH TEAM-BASED COMMUNICATION









BI Burn ICU RN 3

HR 98 BP94/52(69) UOP 19

LR @46

BN recommends 41

5:05 AM • 22 days left

CC Chris Crowe

LR to 40, maintenance at 46

5:05 AM • 22 days left

C Chris Crowe

Thank you!

5:06 AM • 22 days left

BI Burn ICU RN 3

HR 108

BP 106/68(80)

UOP 6

Maintenance D5LR@46

LR@40

BN recommends 40

6:05 AM • 22 days left

JS Johnathan Shih

Continue at 40 please

6:06 AM • 22 days left

Write a message...









UW Medicine HARBORVIEW MEDICAL CENTER

REGIONAL BURN CENTER

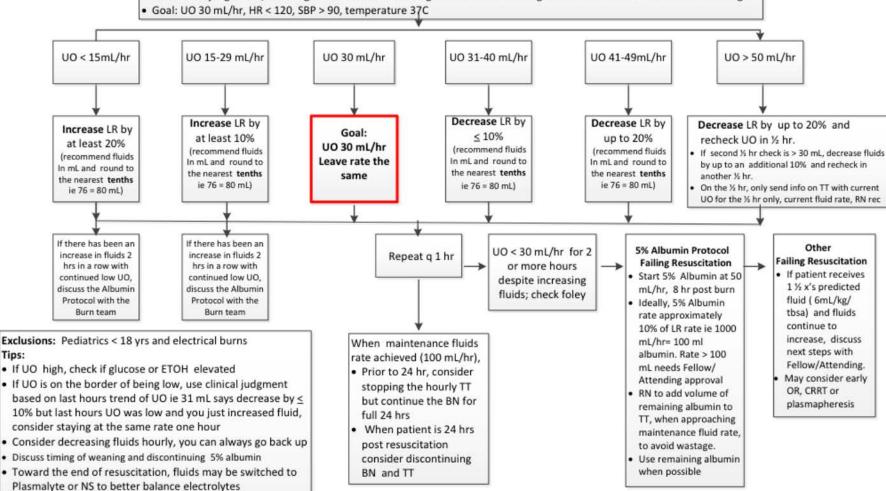
Tips:

Adult Burn Fluid Resuscitation Guideline

Adults > 18yrs

Resuscitation is not an exact science, flexibility is required

- Burn Navigator (BN): set on custom settings with UO goal set at 30 mL-30 mL /hr
- Tiger Text (TT) hourly template: HR, SBP,MAP, UO, IVF, Albumin, TF, BG, bladder pressure, BN rec, RN rec
- TT on the ½ hr for high UO > 50 mL should include: UO for the ½ hr only (note that its a ½ hr) current fluid rate, RN rec
- . Do not suggest fluid changes the first hour the patient is in the unit. Empty all urine then start monitoring for an hour
- Maximum hourly fluids changes should not exceed 200 mL/hr unless ordered by Fellow/Attending
- Use clinical judgement, If UO high but BP low and HCT high consider maintaining the same fluid rate instead of decreasing



TEAM TRAINING









THANK YOU

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