FLUID RESUSCITATION

Just in Time

Adults (40-80kg): \( \text{TBSA} \times \text{weight (kg)} = \frac{\text{Rate (mL/hour)}}{8} \)

Children: \( \text{TBSA} \times \text{weight (kg)} \times 1.5 = \frac{\text{Rate (mL/hour)}}{8} \)

DRIP SETS - NO PUMPS

Pre-Hospital Fluid Rate for Larger Burns (>15% TBSA), since they don't have pumps and only have "drip sets."

- Infants: 20 drops/minute
- Pediatrics: 40 drops/minute
- Adults: 80 drops/minute

RULE OF 10'S

Rule of 10's for initial fluid rate, adults only.

- Estimate burn size to the nearest 10
- TBSA \times 10 = \text{initial rate in m/h (for adult patients, weighing 40-80 kg)}
- For every 10 kg above 80 kg, increase the rate by 100 mL/hr

TIP

Easy way to remember ABA consensus formula (better if you say it aloud or "sing" it). This provides the initial starting rate to LR for the resuscitation or burn patients.

\( \text{BURN (TBSA)} \times \text{WEIGHT divided by EIGHT, gives the RATE} \)

For Pediatric Patients, just multiply by 1.5