

# FLUID RESUSCITATION

## IN A PRE-HOSPITAL SETTING, SET FLUID TO:

- < 5 years.....125 mL/hr
- 6-12 years.....250 mL/hr
- ≥ 13 years..... 500 mL/hr

## ONCE THE PATIENT IS IN THE ED, USE THE FOLLOWING FORMULA\* TO CALCULATE FLUIDS:

- 2-4 mL LR x KG body weight x TBSA/16 = hourly infusion rate
- Calculate fluids from time of accident.

**A**dult ≥13... 2 mL  
**C**hild <13 ... 3 mL  
**E**lectrical... 4 mL

*For TBSA >20%, consider placing Foley catheter to accurately measure urine output.*

*\*Parkland formula for Burn Fluid Management*

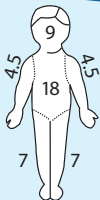
## TITRATE RINGER'S LACTATE BASED ON URINE OUTPUT:

- + Adult or young adolescent >30kg.... 30-50 mL/hr
- + Children <30kg ..... 1 mL/kg/hr
- + High voltage electrical injury..... 75-100 mL/hr

Consult Burn Center if urine is black/brown/red or <1 mL/kg/hr.

# TBSA BY PERCENTAGE

## RULE OF NINES

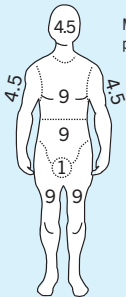


**0-9  
YEARS**

**FOR EACH  
YEAR OVER ONE**

**SUBTRACT 1%  
FROM THE HEAD**

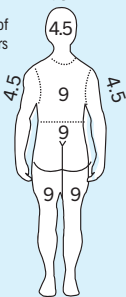
**ADD 0.5%  
TO EACH LEG**



Measure from base of  
palm to tips of fingers

**AGE 10  
&  
OVER**

**ESTIMATE  
SPOTTY AREAS  
BY USING THE  
SIZE OF THE  
PATIENT'S  
PALM AS 1%**



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