Burn Body Surface Area Assessment:

To use chart, first determine areas that are burned and add percentages.

For example:
Adult: Burns to back of trunk and back of one leg = 18% + 18% / 2 = 18% + 9% = 27% body surface area

10 year-old Child: Burns to back of trunk and back of one leg = 13% + 4.5%(1/2 of thigh) + 3%(1/2 of lower leg)

= 13% + 4.5% + 3% = 20.5% body surface area

For combined burns, first / second / third degree, combine body surface area determination and estimate fraction that is worst. For example (27% total body surface burn with estimated 20% second degree)

In Orange County, it is preferred that any third degree burns be triaged to a burn center.

For facial, genital, perineal, hand, and foot burns of second degree, a burn center is preferred.

Suspected inhalation injury is best transported to a burn center.