

Case 1

Seizing Infant

HR 150

BP 100/50

RR 40

SpO2 95%

Parents say the infant is 1 year old and has been seizing for >10 minutes



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1. Estimate the weight using a length based tape and using the Handtevy App
2. Identify the correct size NPA for a 1 year old.
3. Pull up the seizure protocol and identify medications available to ALS.
4. If you are first on scene, what information would you provide ALS?

Case 2

Pediatric Cardiac Arrest

Requested for the 4 month old, blue
and not breathing

HR: 22

BP: Unable to obtain

RR: 4

SPO2: Unable to obtain



Requested for the 6 month old, blue and not breathing

HR: 22

BP: Unable to obtain

RR: 4

SPO2: Unable to obtain

- 1. Estimate the weight using a weight based tape in conjunction with the Handtevy Application.**
- 2. Click “Start CPR” to engage the metronome and ventilation guidance.**
- 3. Identify the correct equipment sizes.**
- 4. If you are first on scene, what information would you provide ALS?**

Case 3

Wheezing/Respiratory distress

You are requested for a 22 year old with respiratory distress.

The patient has a history of asthma. They are tripododing on arrival. When you listen to their lungs, there is faint wheezing and poor air movement.

ALS is on their way. You initiate oxygen and a duoneb with little improvement.

Look up the adult asthma/wheezing protocol. What other options are available to you at the BLS level?

Case 4

Allergic Reaction

You are requested for an 10 year old with allergic reaction, difficulty breathing.

The patient has a history of severe allergy to tree nuts. Shortly after eating a meal at a friend's house, they developed itching at the back of their throat and difficulty breathing.

Their face is swollen and they have wheezing in all lung fields.

What is the dose of IM epinephrine for check and inject epi based on the Handtevy application?

What is the normal range of heart rate and blood pressure for an 8 year old?