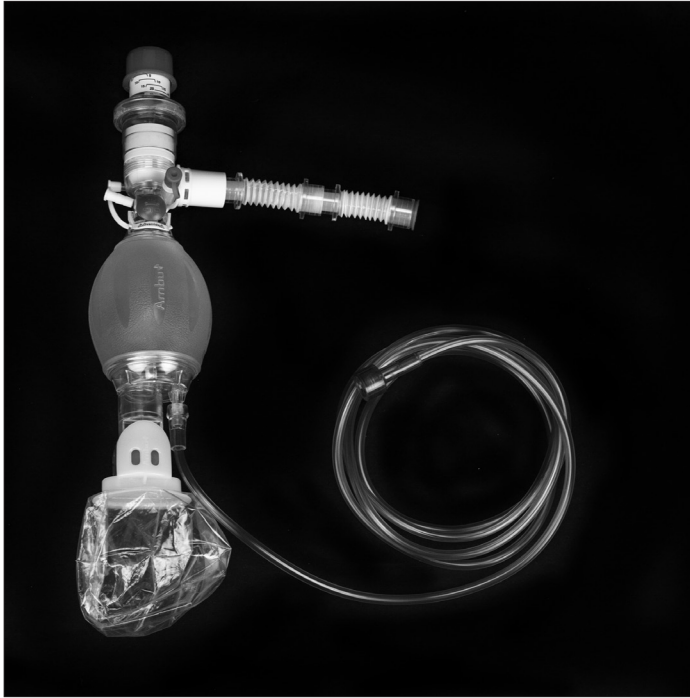


# Resuscitation Bag with Trach Tube



## What is a Resuscitation Bag?

A resuscitation bag is a device that pushes air into the lungs of a child

- Who needs help breathing.
- Who has stopped breathing.

You connect a resuscitation bag to the hub of a trach (tracheostomy) tube.

Squeezing the bag by hand pushes air into the lungs.

**IMPORTANT!** ALWAYS have resuscitation bag and emergency supplies quickly available and with your child.



**PHSTIPS.com**  
SCAN & WATCH A VIDEO ON:

**Using a Resuscitation Bag**

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*Read all manufacturer's warnings and cautions before operating equipment for the first time.*

# Equipment

---



**Oxygen Tank**



**Regulator**

- 0-8 LPM
- 0-15 LPM

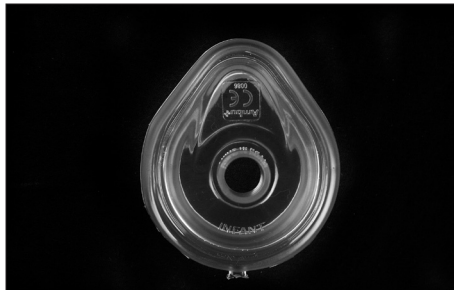
# Supplies

---



**Resuscitation Bag**

- Infant
- Pediatric
- Adult

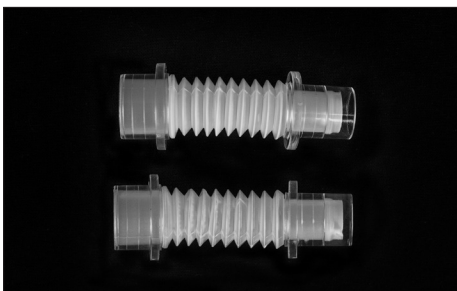


**Resuscitation Mask**

Different sizes available



**PEEP Valve—Optional**

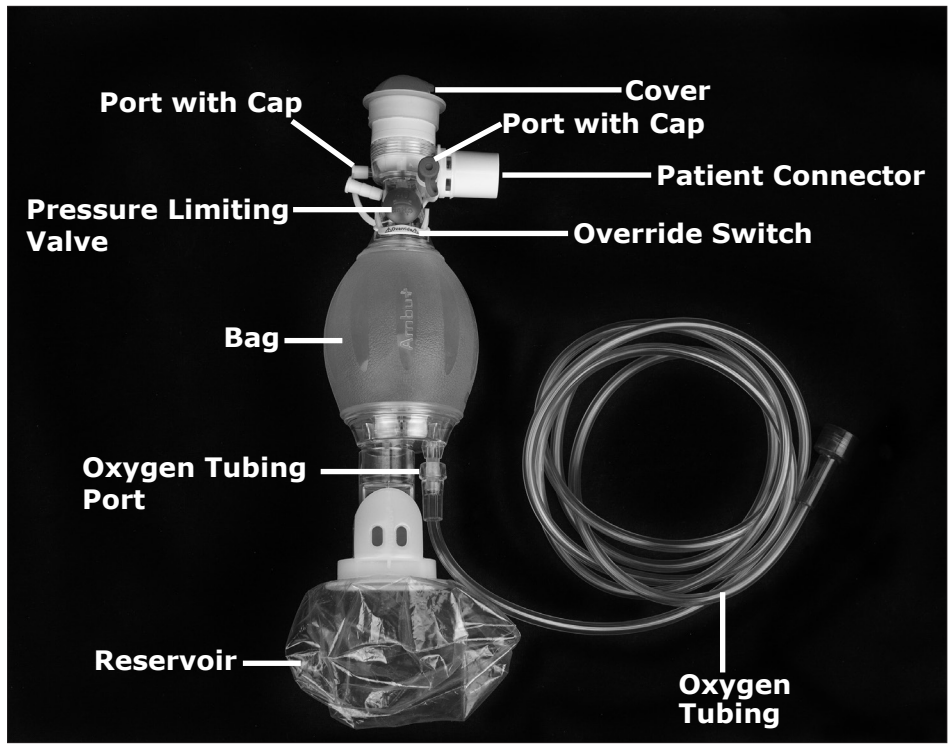


**Omni-Flex Adapters—Optional**

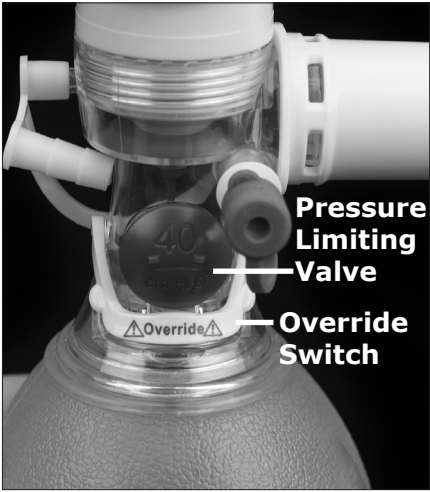


**Red Cap—Optional**

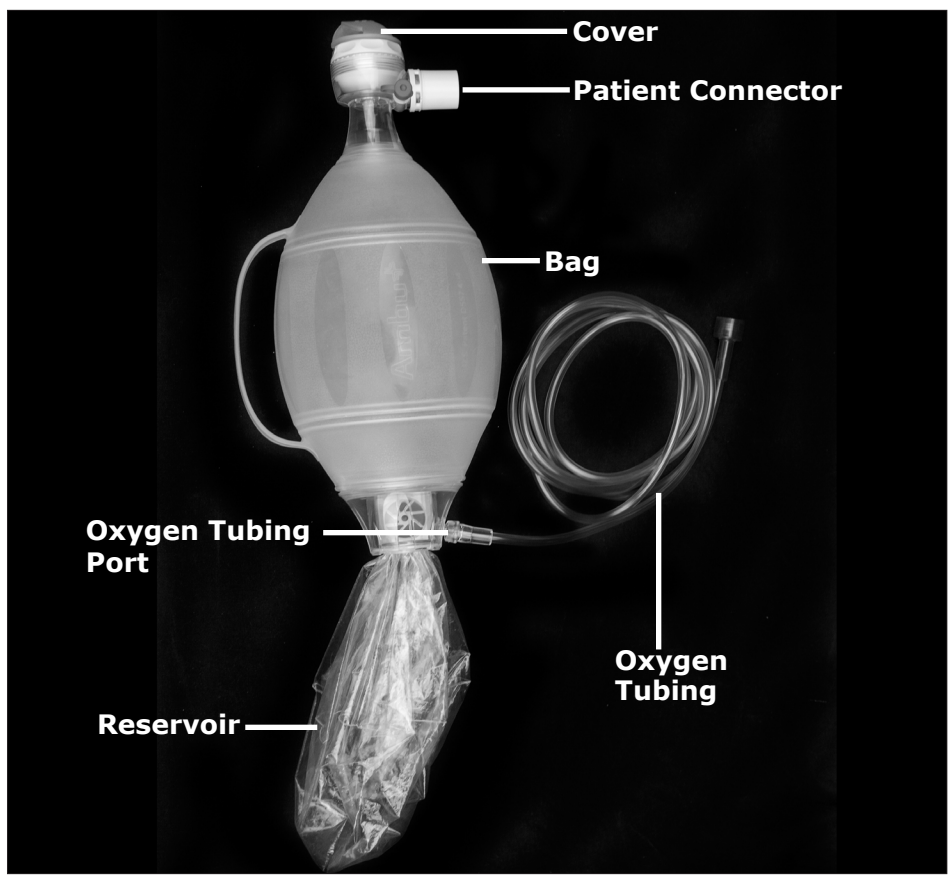
# Parts of an Infant and Pediatric Resuscitation Bag



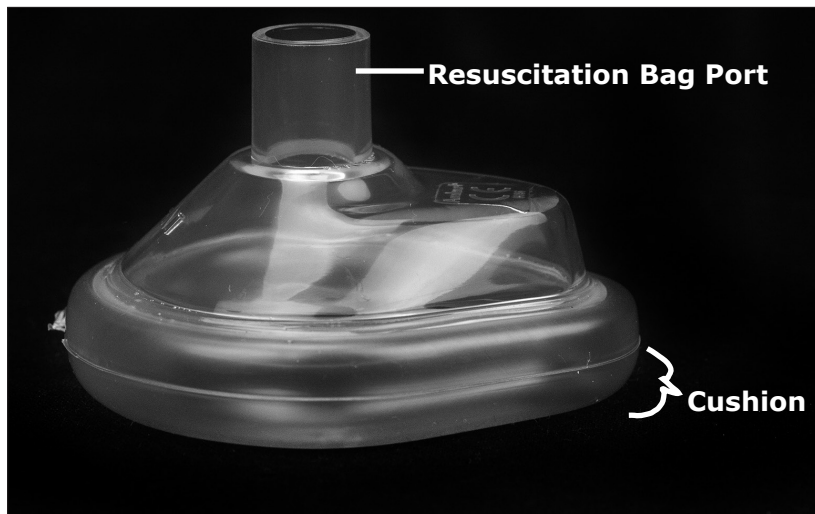
Keep override switch pressed **completely down**. Do not allow switch to block pressure limiting valve.



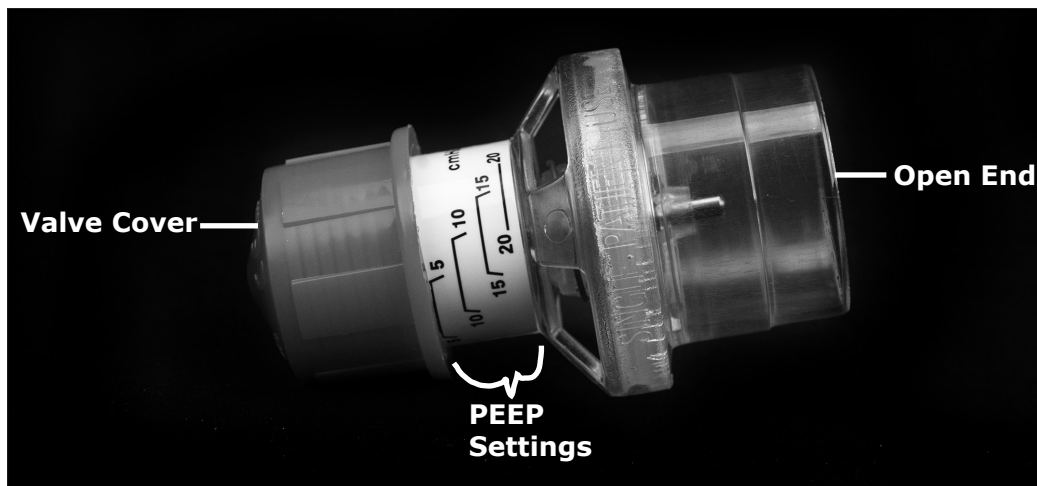
# Parts of an Adult Resuscitation Bag



## Parts of a Resuscitation Mask



## Parts of a PEEP Valve



## Determining the Correct Resuscitation Bag Size

Your child's weight determines the size of the resuscitation bag you use. Refer to manufacturer's instructions for recommended size.

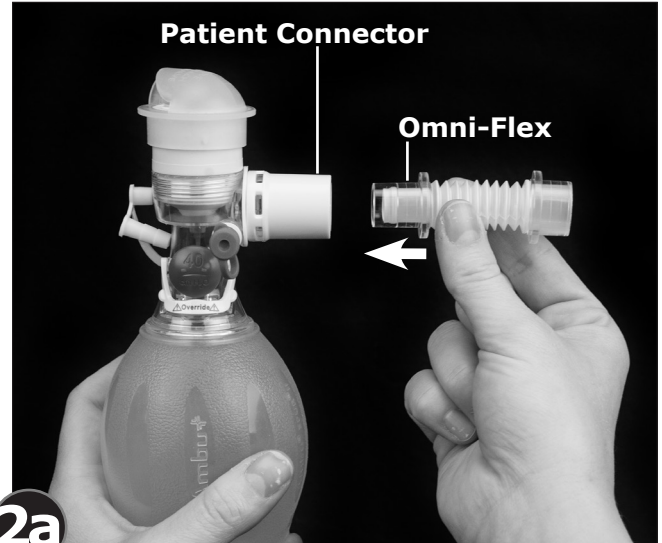
Child's Weight	Ambu Resuscitation Bag Size
Under 22 Pounds (under 10 kilograms)	Infant
Under 66 Pounds (Under 30 kilograms)	Pediatric
66 Pounds or More (30 kilograms and more)	Adult

# Setting Up a Resuscitation Bag



**1**

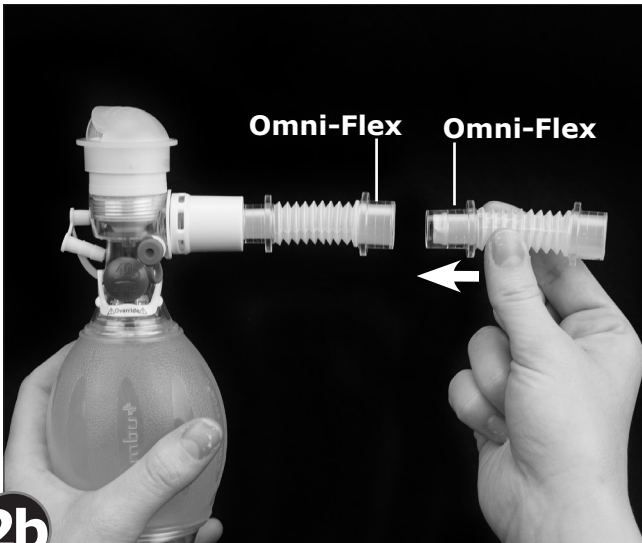
Clean your hands with soap and water or alcohol-based hand gel.



**2a**

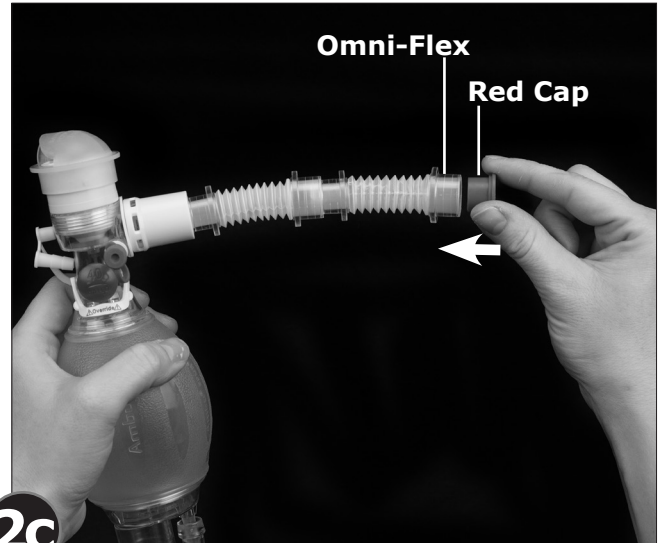
If using Omni-Flex adapters, insert small end of one Omni-Flex into patient connector on resuscitation bag.

If not using Omni-Flex adapters, go to Step 3.



**2b**

Insert small end of second Omni-Flex into free end of first Omni-Flex.

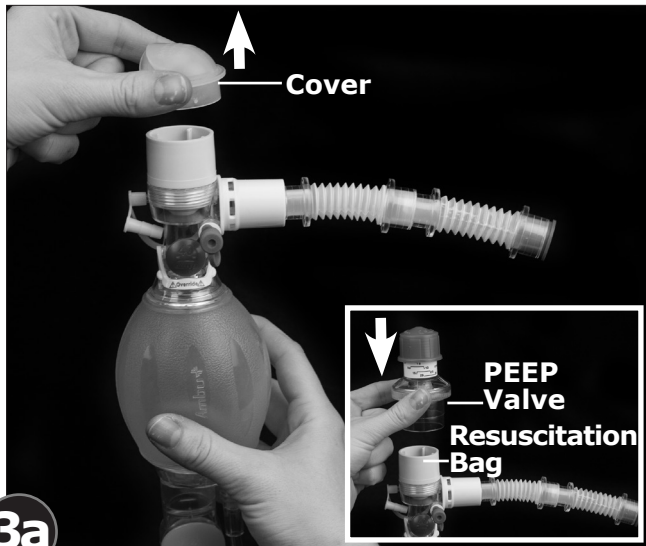


**2c**

Insert red cap into free end of second Omni-Flex.

Continued on next page →

## Setting Up a Resuscitation Bag [continued]

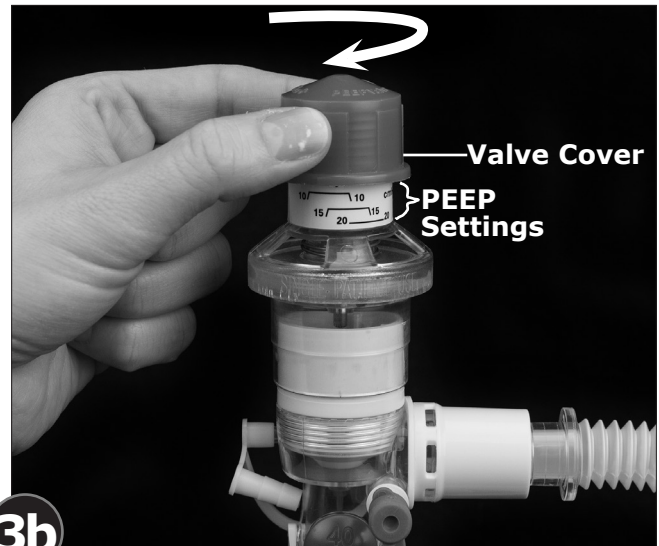


**3a**

*If your child uses a vent (ventilator) and needs a PEEP valve,*

- a. Remove cover from top of resuscitation bag.
- b. Push open end of PEEP valve over top of resuscitation bag.

*If your child does not use a vent (ventilator) or does not use a PEEP valve, go to step 4.*

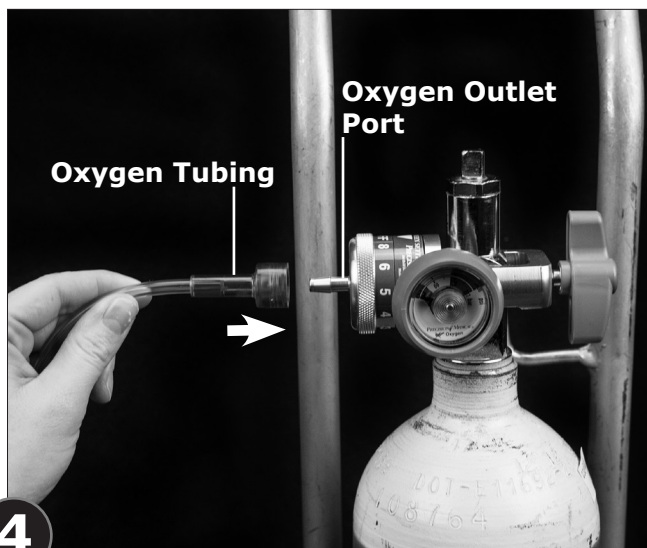


**3b**

Adjust PEEP valve setting to match your child's PEEP, EPAP, or CPAP setting on vent.

Turn valve cover until base reaches line for your child's correct PEEP valve setting.

**NOTE:** Call PHS if you need help determining PEEP valve setting.



**4**

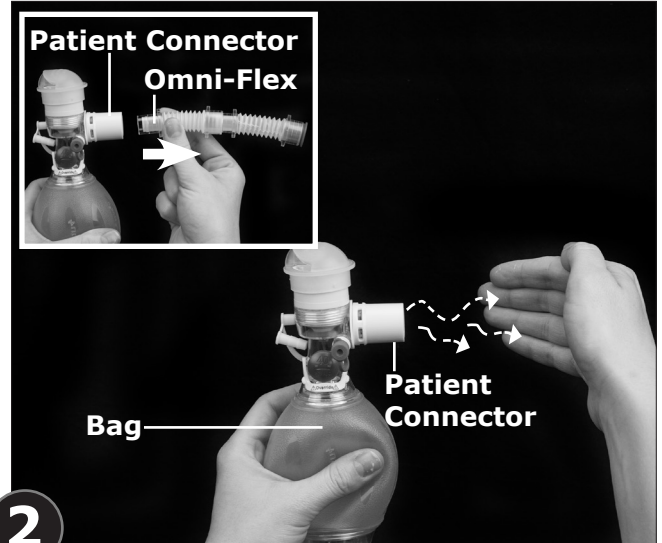
*If using oxygen, attach end of oxygen tubing on resuscitation bag to oxygen outlet port on regulator.*

# Testing an Infant or Pediatric Resuscitation Bag

**IMPORTANT!** Test resuscitation bag for leaks BEFORE assuming care for your child.

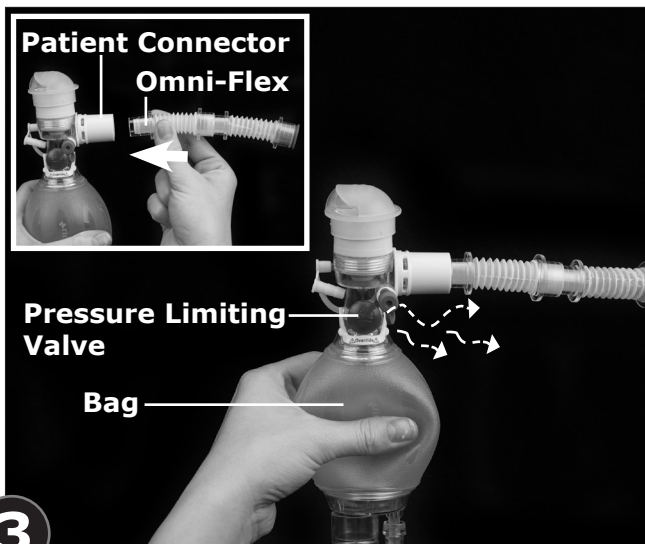


Clean your hands with soap and water or alcohol-based hand gel.



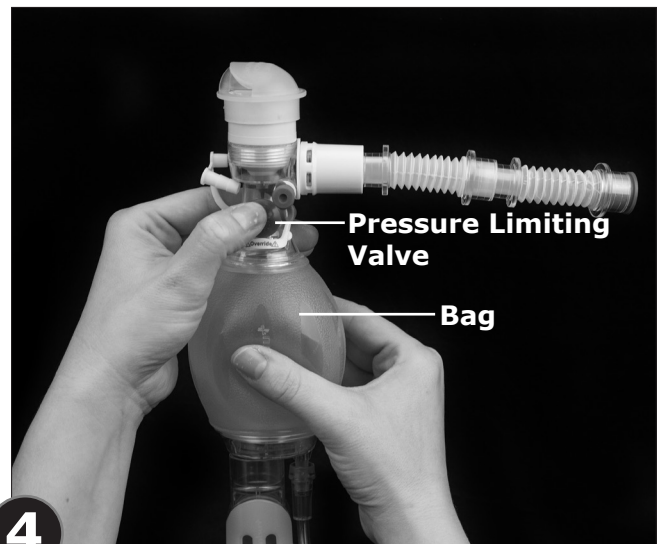
Remove both Omni-Flex adapters and red cap from patient connector on resuscitation bag, if needed.

Squeeze bag and feel for air coming from patient connector. *If you do not feel air coming from patient connector, go to "Troubleshooting" section.*



Attach both Omni-Flex adapters and red cap to patient connector on resuscitation bag or cover patient connector.

Squeeze bag. Listen for air escaping from pressure limiting valve. *If you do not hear air escaping from pressure limiting valve, go to "Troubleshooting" section.*



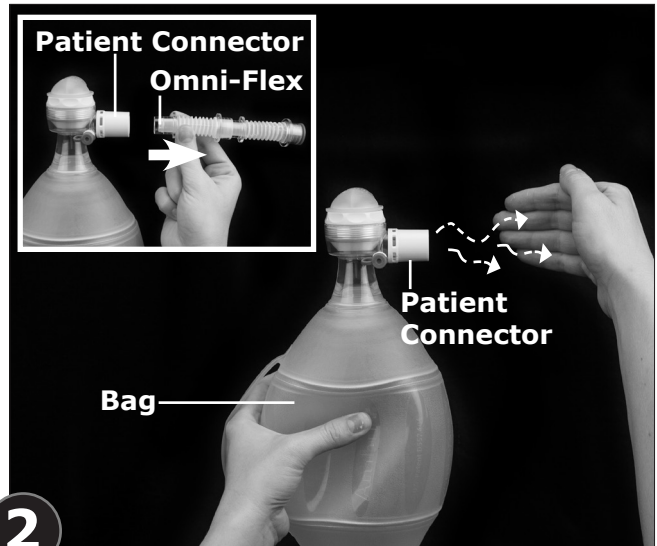
Push and hold pressure limiting valve with one hand while patient connector is covered. Squeeze bag with other hand. Air should not escape from bag. *If air escapes from bag, go to "Troubleshooting" section.*

# Testing an Adult Resuscitation Bag

**IMPORTANT!** Test resuscitation bag for leaks BEFORE assuming care for your child.

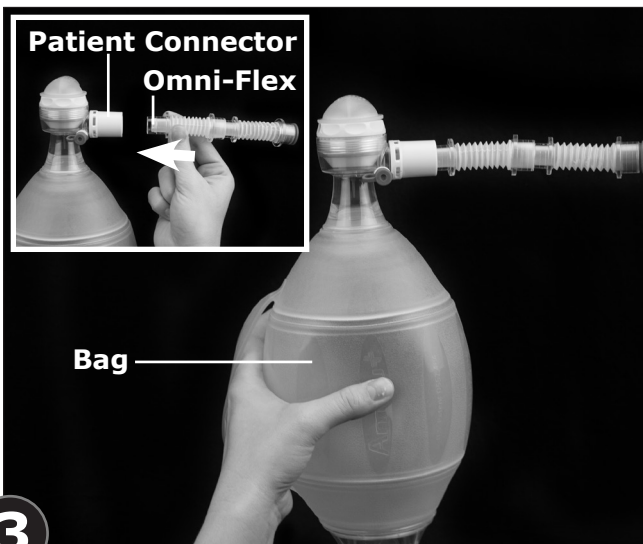


Clean your hands with soap and water or alcohol-based hand gel.



Remove both Omni-Flex adapters and red cap from patient connector on resuscitation bag, if needed.

Squeeze bag and feel for air coming from patient connector. *If you do not feel air coming from patient connector, go to "Troubleshooting" section.*



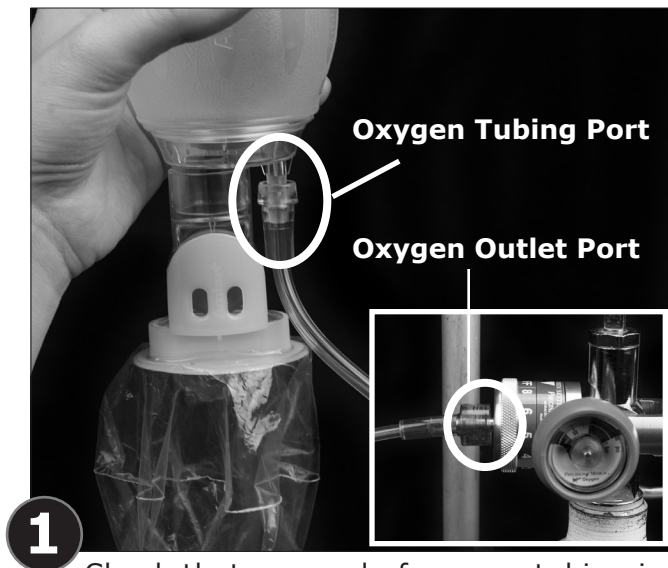
Attach both Omni-Flex adapters and red cap to patient connector on resuscitation bag or cover patient connector.

Squeeze bag. Air should not escape from bag. *If air escapes from bag, go to "Troubleshooting" section.*

# Testing the Oxygen Hook Up

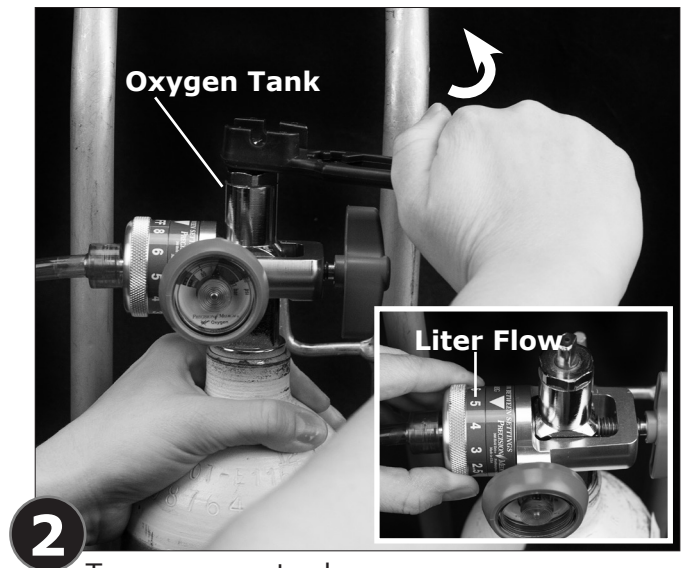
## IMPORTANT!

- If using oxygen, ALWAYS test oxygen hook up BEFORE starting care for your child.
- Clean your hands before you follow the steps below.



Check that one end of oxygen tubing is firmly connected to oxygen tubing port at base of resuscitation bag.

Check that other end of oxygen tubing is firmly connected to oxygen outlet port on regulator.



Turn oxygen tank on.

Turn liter flow dial on regulator to 5 LPM.



Check that oxygen flow expands the reservoir. *If reservoir does not expand, go to "Troubleshooting" section.*

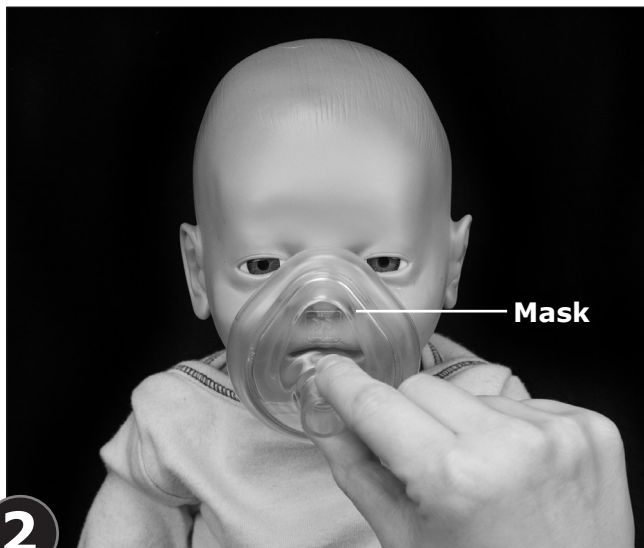
# Checking a Resuscitation Mask

**IMPORTANT!** Make sure resuscitation mask is easily available BEFORE assuming care for your child.



1

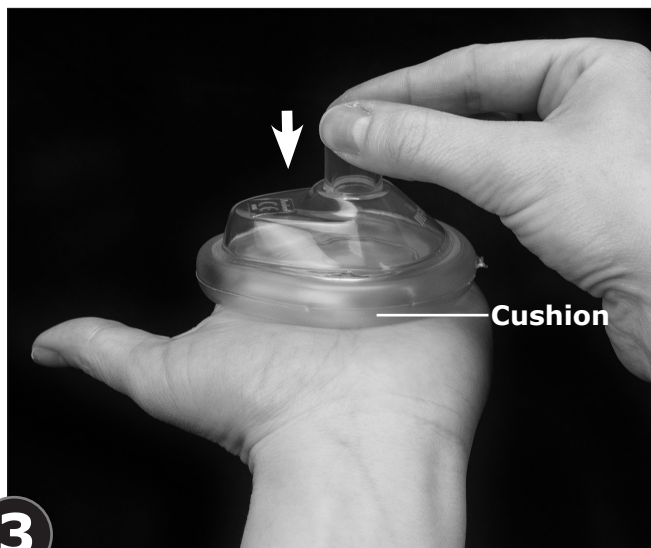
Clean your hands with soap and water or alcohol-based hand gel.



2

Check that resuscitation mask fits over your child's nose and mouth.

*If resuscitation mask does not fit over nose and mouth, call PHS to order a different size mask.*

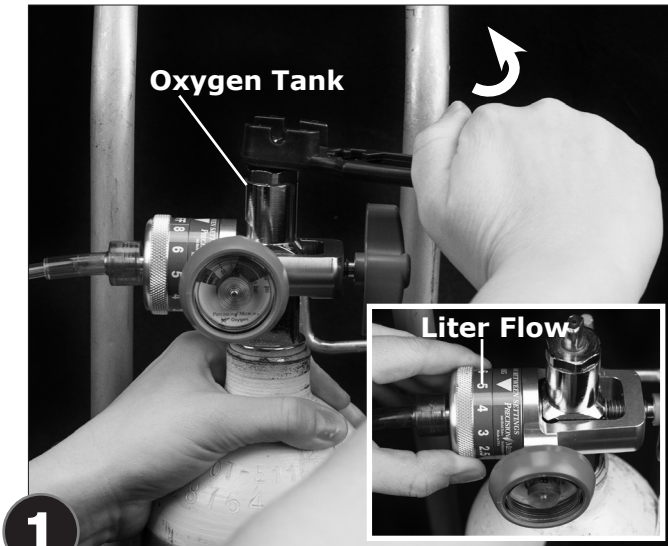


3

Check that air evenly expands entire resuscitation mask cushion.

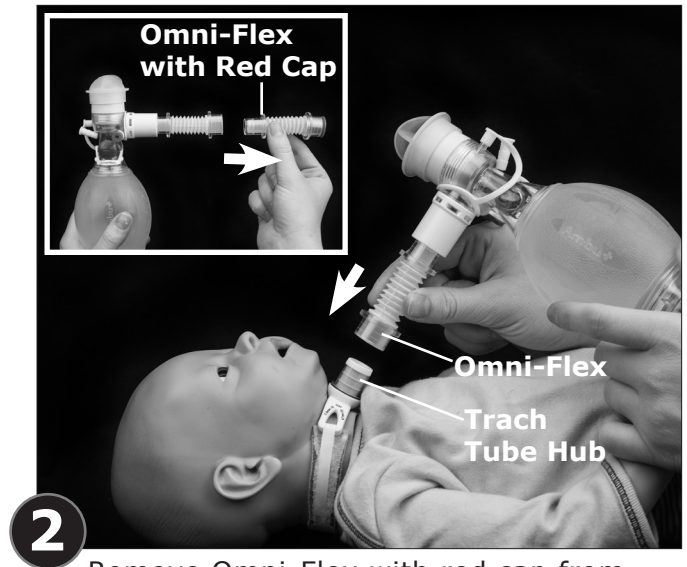
*If air does not evenly expand entire resuscitation mask cushion, call PHS to order a new mask.*

# Using a Resuscitation Bag with a Trach Tube



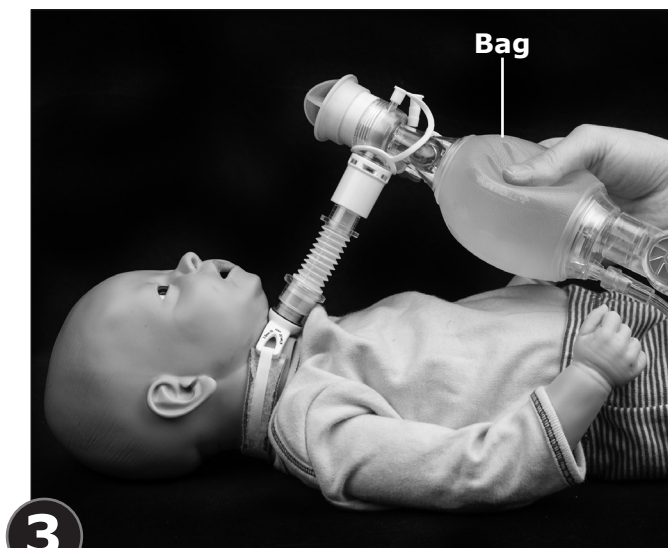
*If using oxygen, turn oxygen tank on.*

Turn liter flow dial on regulator to highest flow or as instructed by your child's doctor.



Remove Omni-Flex with red cap from Omni-Flex attached to patient connector on resuscitation bag. Connect free end of remaining Omni-Flex firmly to your child's trach tube hub.

*If not using Omni-Flex adapters, connect patient connector firmly to your child's trach tube hub.*



Squeeze resuscitation bag with even rhythm. Make sure your child's chest moves up each time you squeeze bag.

Before squeezing bag again, allow

- Your child's chest to move down.
- Bag to fill completely with air.

**IMPORTANT!** Know how to remove an airway blockage.

- **Memorize** steps on PHS *Emergency Response — Airway Blockage* card.
- **Use** steps to remove airway blockage if chest does not rise each time you squeeze bag.

# Using a Resuscitation Bag with a Resuscitation Mask

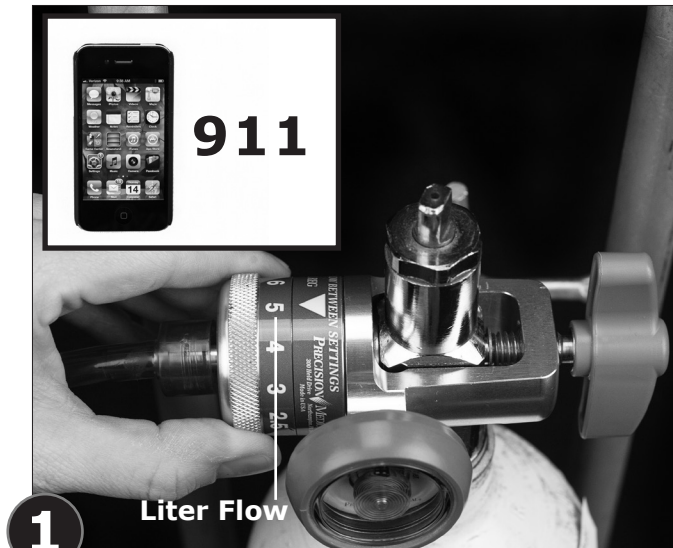
Use resuscitation mask over your child's nose and mouth to bag ventilate if

- Trach tube comes out and you are unable to insert new trach tube AND
- A second person is available to help. You need two people to bag ventilate your child with open stoma using resuscitation mask.



**NEVER** put resuscitation mask over your child's

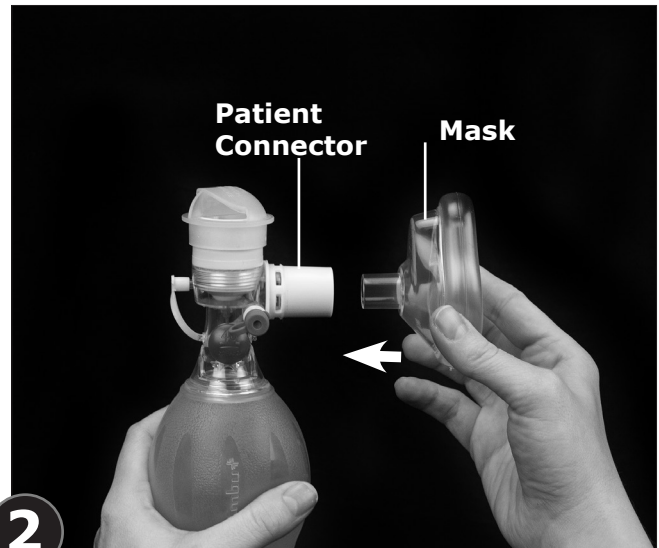
- Nose and mouth if your child has a tracheal diversion.
- Stoma unless your child's doctor tells you it is OK to do so.



**1** Liter Flow

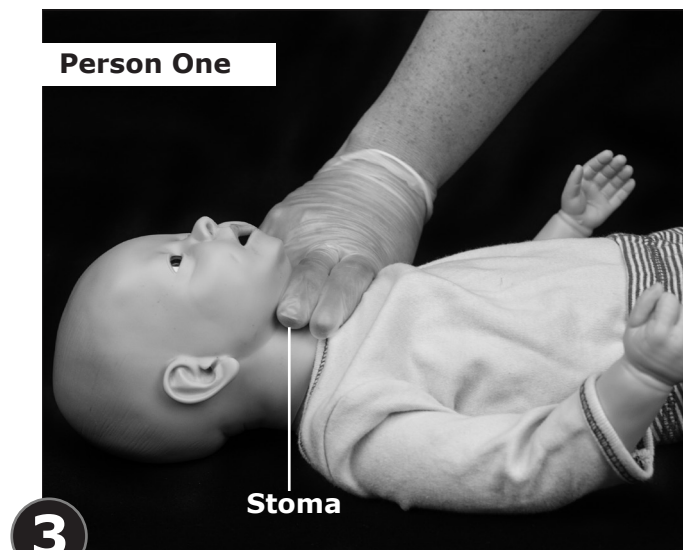
**Call 911.**

*If using oxygen, turn oxygen tank on. Turn liter flow dial on regulator to highest flow.*



**2**

Attach resuscitation mask to patient connector on resuscitation bag.



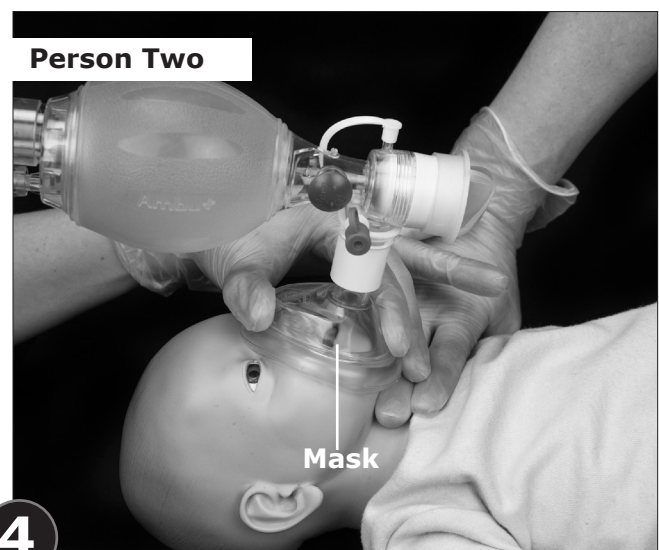
**3**

**Person One**

Stoma

*Person one*

- Cover open stoma with gloved fingers or hand. Do NOT push down on stoma.
- Keep stoma covered while person two bag ventilates child.



**4**

**Person Two**

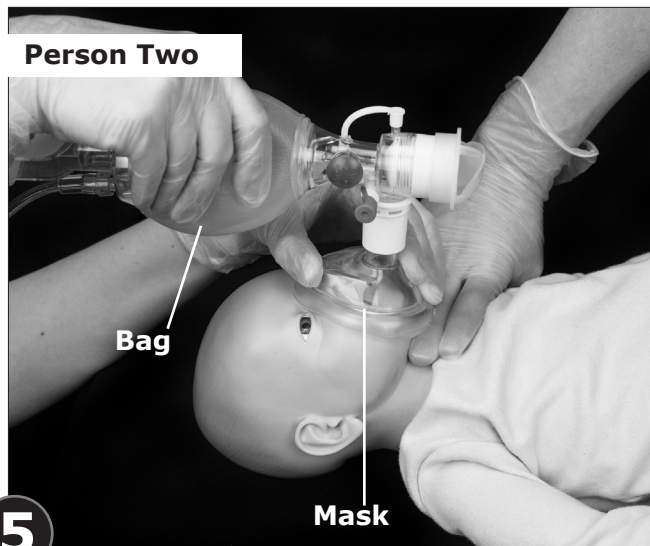
Mask

*Person two*

Place resuscitation mask over child's nose and mouth. There should be no gaps anywhere between mask cushion and skin.

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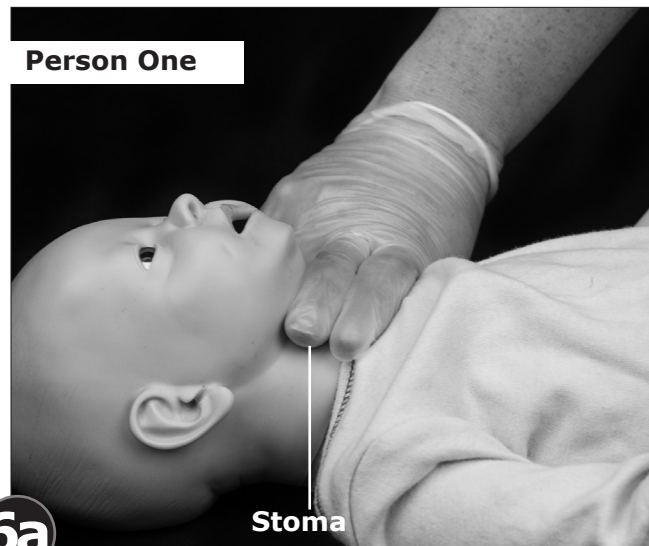
# Using a Resuscitation Bag with a Resuscitation Mask [continued]



## Person two

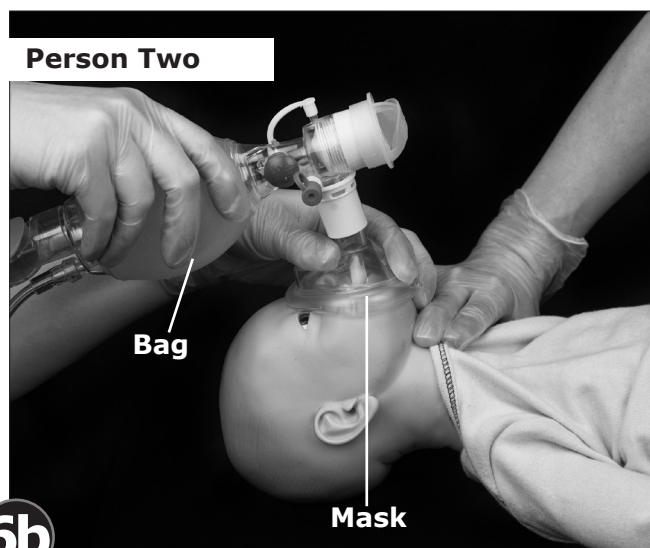
Hold resuscitation mask firmly in place and squeeze resuscitation bag with even rhythm. Make sure child's chest moves up each time you squeeze bag.

*If chest does not move up each time you squeeze bag, go to steps 6a and 6b.*



*If child's chest does not move up each time you squeeze bag, person one*

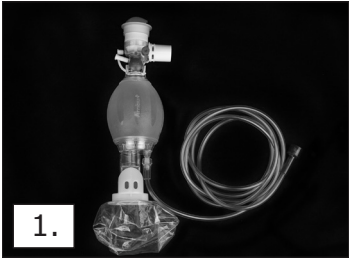

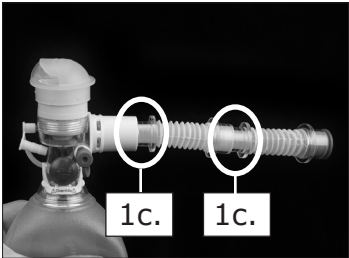
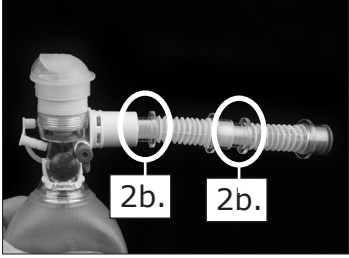

- Make sure fingers or hand completely cover child's stoma.
- Do NOT push down on child's stoma.



*If child's chest does not move up each time you squeeze bag, person two*

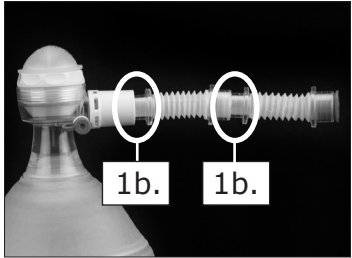
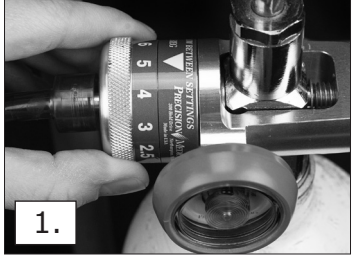
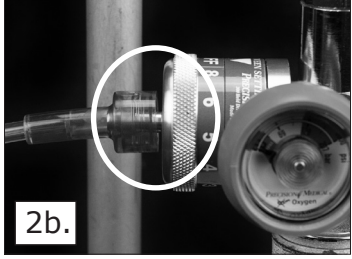
- Tilt child's head back slightly to open airway.
- Make sure there are no gaps anywhere between mask cushion and skin.
- Squeeze bag with greater force than you used before.

# Troubleshooting

Problem	Resuscitation Bag Size	Action to Take	
<p>Air does not come from patient connector when you squeeze bag.</p>	<ul style="list-style-type: none"> <li>• Infant</li> <li>• Pediatric</li> <li>• Adult</li> </ul>	<ol style="list-style-type: none"> <li>1. Make sure               <ol style="list-style-type: none"> <li>a. Bag is not cracked or torn.</li> <li>b. Nothing is covering opening on patient connector.</li> </ol> </li> <li>2. <i>If step 1 does not solve problem, call PHS to order new resuscitation bag.</i></li> </ol>	
<p>Air does not escape from pressure limiting valve when you</p> <ul style="list-style-type: none"> <li>• Cover patient connector AND</li> <li>• Squeeze bag.</li> </ul>	<ul style="list-style-type: none"> <li>• Infant</li> <li>• Pediatric</li> </ul>	<ol style="list-style-type: none"> <li>1. Make sure               <ol style="list-style-type: none"> <li>a. Override switch is not up and over pressure limiting valve.</li> <li>b. Patient connector is covered.</li> <li>c. Omni-Flex adapters, if used, are firmly connected to patient connector, each other, and red cap.</li> </ol> </li> <li>2. <i>If step 1 does not solve problem, call PHS to order new resuscitation bag.</i></li> </ol>	 
<p>Air escapes from bag when you</p> <ul style="list-style-type: none"> <li>• Cover patient connector AND</li> <li>• Hold down pressure limiting valve AND</li> <li>• Squeeze bag.</li> </ul>	<ul style="list-style-type: none"> <li>• Infant</li> <li>• Pediatric</li> </ul>	<ol style="list-style-type: none"> <li>1. Make sure you hold pressure limiting valve down completely.</li> <li>2. <i>If step 1 does not solve problem, make sure</i> <ol style="list-style-type: none"> <li>a. Patient connector is covered.</li> <li>b. Omni-Flex adapters, if used, are firmly connected to patient connector, each other, and red cap.</li> <li>c. Cover or PEEP valve are firmly connected to top of resuscitation bag.</li> <li>d. Caps on ports are firmly connected.</li> </ol> </li> <li>3. <i>If step 2 does not solve problem, call PHS to order new resuscitation bag.</i></li> </ol>	 

Continued on next page →

# Troubleshooting [continued]

Problem	Resuscitation Bag Size	Action to Take	
<p>Air escapes from bag when you</p> <ul style="list-style-type: none"> <li>Cover patient connector AND</li> <li>Squeeze bag.</li> </ul>	<ul style="list-style-type: none"> <li>Adult</li> </ul>	<ol style="list-style-type: none"> <li>Make sure               <ol style="list-style-type: none"> <li>Patient connector is covered.</li> <li>Omni-Flex adapters, if used, are firmly connected to patient connector, each other, and red cap.</li> <li>Cover or PEEP valve are firmly connected to top of resuscitation bag.</li> </ol> </li> <li>If step 1 does not solve problem, call PHS to order new resuscitation bag.</li> </ol>	
<p>Reservoir does not expand when you</p> <ul style="list-style-type: none"> <li>Turn oxygen tank on AND</li> <li>Set regulator to required liter 5 LPM.</li> </ul>	<ul style="list-style-type: none"> <li>Infant</li> <li>Pediatric</li> <li>Adult</li> </ul>	<ol style="list-style-type: none"> <li>Make sure you set regulator to 5 LPM.</li> <li>If step 1 does not solve problem, make sure               <ol style="list-style-type: none"> <li>Reservoir is not ripped or torn.</li> <li>Oxygen tubing is firmly connected to oxygen tubing port at base of resuscitation bag and oxygen outlet port on regulator.</li> </ol> </li> <li>If step 2 does not solve problem, call PHS to order new resuscitation bag.</li> </ol>	 

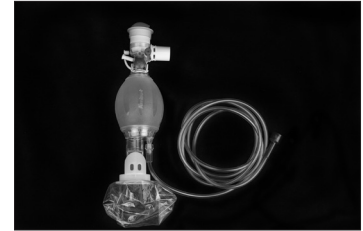
# Cleaning

**NOTE!** Read *Common Methods for Disinfecting Reusable Supplies* card for disinfection options and mixtures.

## Resuscitation Bag—Clean Every Week

Wipe outside of entire resuscitation bag with clean cloth dampened with soapy water or disinfectant mixture. Do NOT put resuscitation bag into water.

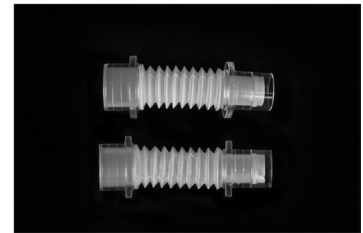
**NOTE!** Replace resuscitation bag if it is dirty on the inside or if any part is cracked or torn.



## Omni-Flex Adapters and Red Cap (optional)—Check Every Week, Clean as Needed

1. Remove Omni-Flex adapters and red cap from patient connector on resuscitation bag.
2. Remove Omni-Flex with red cap from first Omni-Flex.
3. Remove red cap from second Omni-Flex.
4. Wash both Omni-Flex adapters and red cap in mixture of warm water and standard dish soap.
5. *Optional*—Disinfect using any method on the *Common Methods for Disinfecting Reusable Supplies* card. Rinse completely with hot water.
6. Allow all pieces to air dry completely on clean surface.
7. Store all pieces in clean, dry container.

**NOTE!** Replace an Omni-Flex adapter or red cap if it is cracked or if you cannot clean it well.



## PEEP Valve (optional)—Clean Every Week

Wipe outside of PEEP valve with clean cloth dampened with soapy water or disinfectant mixture. Do NOT put PEEP valve into water.

**NOTE!** Replace PEEP valve if it is dirty on the inside, if it is cracked, or if you cannot adjust PEEP valve setting.

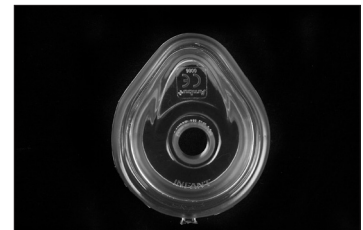


## Resuscitation Mask—Clean Every Week

1. Wipe inside and outside of resuscitation mask with clean cloth dampened with soapy water. Do NOT use antibacterial soaps or soaps with moisturizers.
2. Allow resuscitation mask to air dry completely on clean surface.

**NOTE!** Replace resuscitation mask if the cushion is

- Hard.
- Ripped or torn.
- No longer makes a tight fit around your child's nose and mouth.



# Equipment and Supplies for Minnesota and Wisconsin



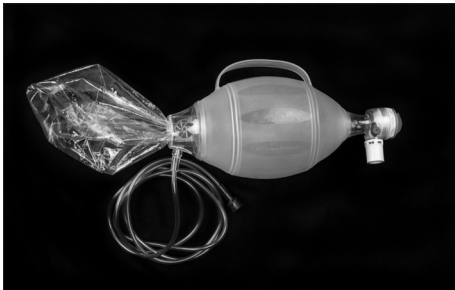
## Oxygen Tank

- D tank (#D13)  
[Cylinder Oxygen D13]
- E tank (#E22)  
[Cylinder Oxygen E22]



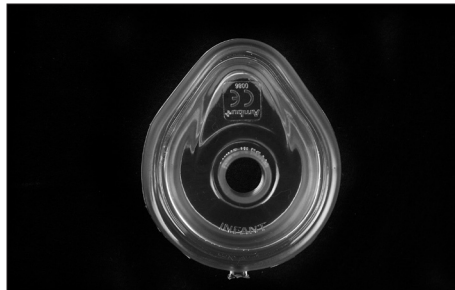
## Regulator

- 0-8 LPM (#168708D)  
[Reg O2 Port Precision 8LPM]
- 0-15 LPM (#168715D)  
[Reg O2 Port Precision 15LPM]



## Resuscitation Bag

- Infant (#540)  
[Resus Bag Ambu w/mask Infant]
- Pediatric (#530)  
[Resus Bag Ambu Pediatric]
- Adult (#520)  
[Resus Bag Ambu Adult]



## Resuscitation Mask

- Infant (#252052)  
[Mask Resus Ambu Infant]
- Toddler (#252053)  
[Mask Resus Ambu Toddler]
- Small Youth (#1274)  
[Mask Resus Hudson Sm Yth Adult]
- Small (#252054)  
[Mask Resus Ambu Small]
- Small Adult (#15806)  
[Mask Resus Hudson Sm Adult]
- Medium Adult (#252055)  
[Mask Resus Ambu Med Adult]
- Medium Adult (#1275)  
[Mask Resus Hudson Med Adult]
- Large Adult (#252056)  
[Mask Resus Ambu Lg Adult]
- Large Adult (#1276)  
[Mask Resus Hudson Lg Adult]



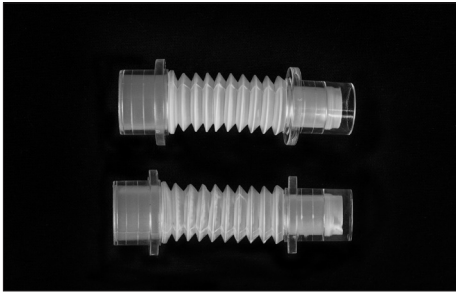
## PEEP Valve (#199002)

[Valve PEEP 1.5-20cm 30mm ID]

Continued on next page →

# Equipment and Supplies for Minnesota and Wisconsin [continued]

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## Omni-Flex Adapters

- Pediatric (# 3215)  
[Adapt Trach Omni-flex Ped]
- Adult (# 3222)  
[Adapt Trach Omni-flex Adult]



## Red Cap (#540CAP)

[Cap Exhale Manifold Red]



## Medical Gloves

- Small (#241-45SC)  
[Gloves Nitrile Exam Sm 100/Bx]
- Medium (#242-45MC)  
[Gloves Nitrile Exam Med 100/Bx]
- Large (#243-45LC)  
[Gloves Nitrile Exam Lg 100/Bx]