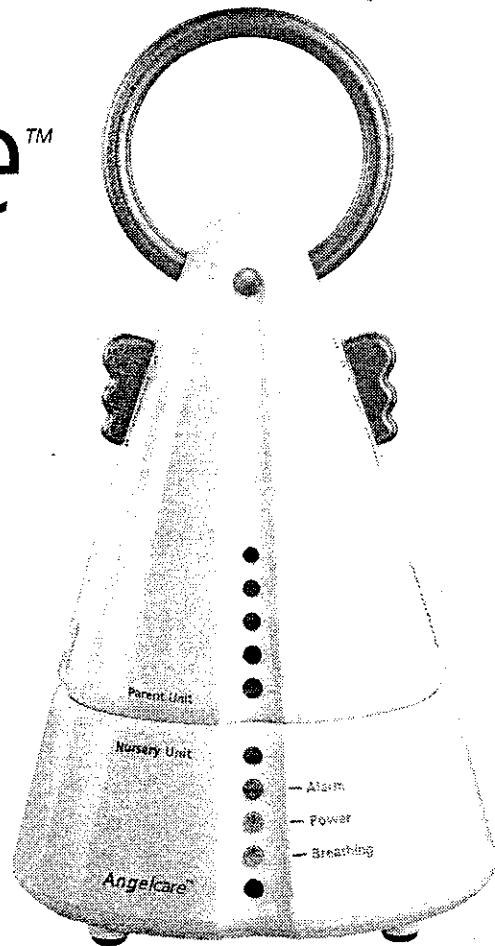


**Sound  
and Breathing Monitor**

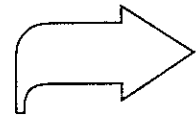
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**Owner's Manual**

**Angelcare™**



Open up the front-page foldout to display the illustrations accompanying to the instructions.



## Angelcare™

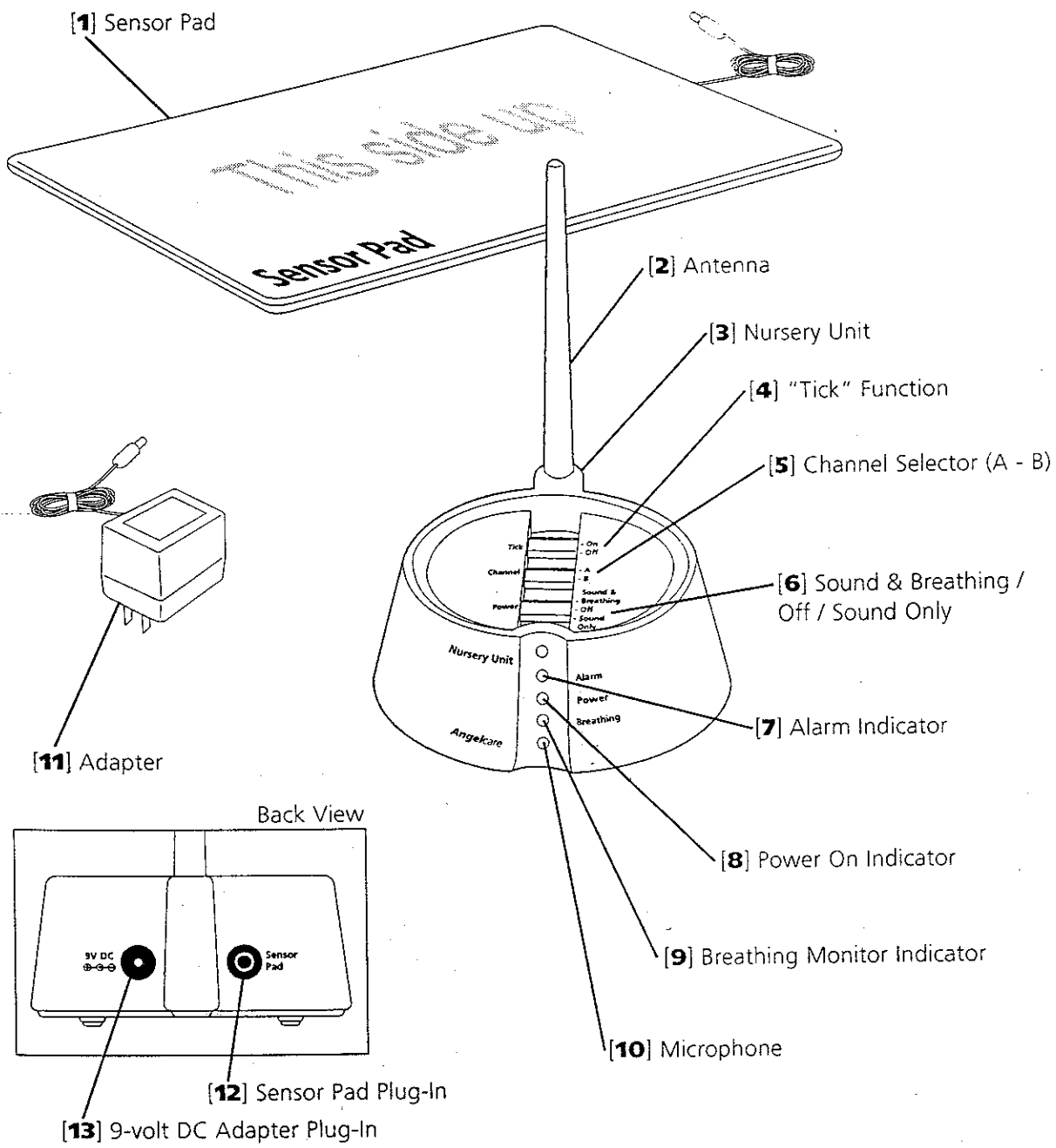
Thank you for purchasing the **Angelcare™** Baby Monitor. This system consists of a Sound Monitor and a Breathing Monitor that are reliable and easy to use. If ever your baby's breathing movements stop for more than 20 seconds, the monitor instantly warns you so you can take immediate action. You thus have complete peace of mind, even when your baby is sleeping.

Please read all the instructions before using your baby monitor, and be sure to follow the safety precautions. Keep this booklet handy, preferably in the baby's room, since it contains useful advice on what you should do in case of emergency.

### **Table of Contents**

<b>Overview of basic functions</b>	<b>4</b>
<b>Setting up the monitor</b>	<b>5</b>
<b>Using the monitor</b>	<b>6</b>
<b>False alarms</b>	<b>7</b>
<b>Troubleshooting</b>	<b>8</b>
<b>Warnings</b>	<b>9</b>
<b>Apnea and Sudden Infant Death Syndrome (SIDS)</b>	<b>10</b>
<b>Emergency measures</b>	<b>11</b>

# CHILD SIDE



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## OVERVIEW OF BASIC FUNCTIONS

Angelcare™

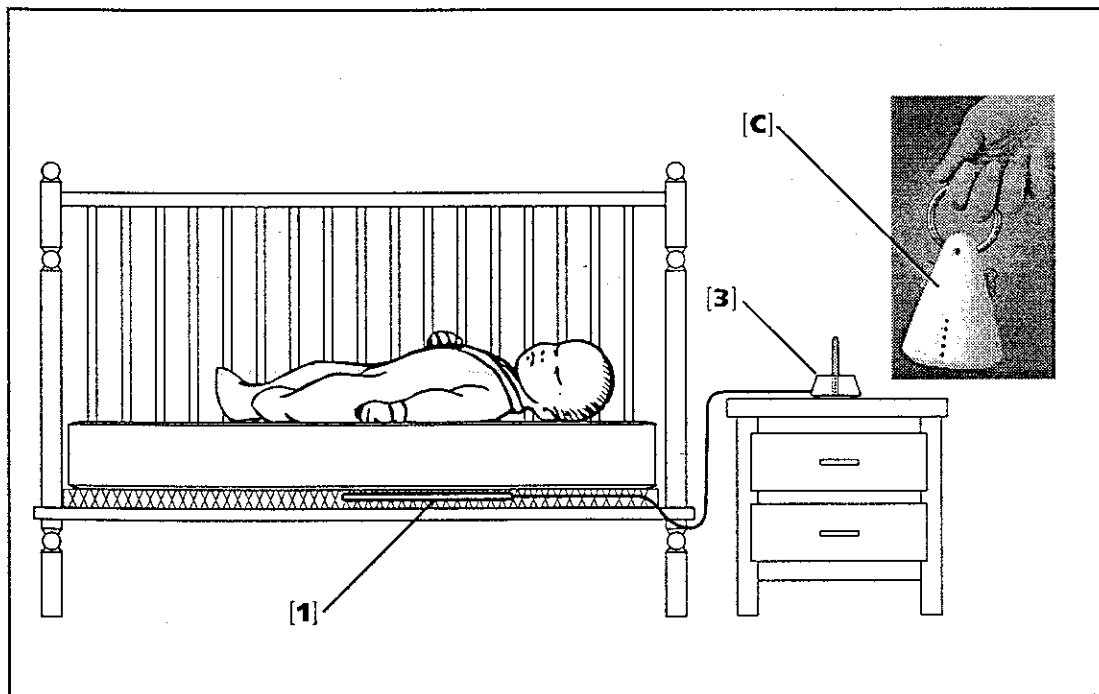
### Sound Monitor

The Sound Monitor has two main parts: a transmitter [3], which is placed near the baby (the Nursery Unit), and a receiver [C] that you keep with you and which allows you to remain in contact with your child (the Parent Unit). The microphone [10] captures all neighboring sounds, which are then retransmitted via the speaker [F]. If you only want to hear the child, select Sound Only [6] to disable the Breathing Monitor. Under normal conditions, the transmitter has a range of about 60 m (200 feet).

### Breathing Monitor

The Sensor Pad [1] is placed under the mattress and detects the baby's movements, even the slightest breathing movements. A pre-alarm sounds if no movement is detected for 15 seconds. After 20 seconds, the main alarm sounds and the red indicator light [7] starts flashing. The alarm stops automatically as soon as the baby's movements are detected again, and the indicator light shuts off one minute later. You can use the Breathing Monitor until your baby starts moving freely in his crib. After that, he could trigger false alarms, by moving away from the space over the sensor pad [1].

The monitor allows you to hear the rhythm of your baby's breathing through the Tick function [4]. When this option is selected, an audible "tick" is heard with each breath the baby takes.



## SETTING UP THE MONITOR

### Nursery Unit (In the baby's room)

- Lift up the mattress and place the Sensor Pad [1] at the bottom of the crib right under where your baby usually sleeps. If you have a foam mattress, place the Sensor Pad [1] lengthwise in the crib. With any other type of mattress, place the Sensor Pad perpendicularly across the crib. Make sure that the side indicating "This side up" is visible before replacing the mattress. (See illustration on opposite page).

**⚠** For the monitor to operate properly, the Sensor Pad [1] must be in close contact with the mattress and rest on a firm surface; otherwise, the unit may not detect all baby's breaths and trigger false alarms. Make sure there are no bedclothes tucked under the mattress separating it from the sensor pad. Also, if the mattress support is too soft — i.e. if there is a boxspring or underpadding — it might be necessary to place a board under the sensor pad to provide a firm surface for it.

- Place the Nursery Unit [3] on a sturdy surface no more than 3 m (10 feet) from the crib and direct the microphone [10] toward the crib. Plug the Sensor Pad cord into the Nursery Unit Plug-In [12], but make sure that it is totally out of the baby's reach.

- Plug the Adapter [11] into the wall outlet and connect the power-supply cord into the Adapter Plug-In [13]. Select Channel A [5] and set the main switch [6] and Tick function [4] initially to Off.

### Parent Unit

- To use the Parent Unit [C] with household power, plug the Adapter [I] into the wall outlet and connect the power-supply cord to the Parent Unit 9-volt DC Adapter Plug-In [G]. For battery operation, remove the battery cover [H] and install a 9-volt Alkaline battery.

- Select Channel A [A] and set the power switch [E] initially to Off.

**⚠** The battery should be replaced if you note a decrease in the intensity of the Power On light [D] or the quality of the reception. If you do not intend to use the baby monitor for an extended period of time, remove the battery [H] to prevent it from leaking.

## USING THE MONITOR

### Sound Monitor only

- Set the main switch of the Nursery Unit [6] to Sound Only. The Power On light [8] will come on.
- Set the volume of the Parent Unit [E] to the desired level. Ask someone to speak near the Nursery unit [3] or place a sound source nearby (such as a radio or clock) and test the monitor both inside and outside your home. Check which channel (A or B) gives the best results.

**⚠** The same channel must be selected on both units [5 and A]. If there is interference regardless of the channel selected, refer to the Troubleshooting section, page 8.

### Sound and Breathing Monitors

- Once you have made sure that the monitor is operating properly (in Sound Only mode), place your baby in the crib (otherwise the alarm will sound after 20 seconds).
- Set the Nursery Unit to Sound & Breathing [6]. The Power On light [8] comes on, and then the Alarm Indicator [7] and Breathing Monitor Indicator [9] will come on for about a second each. The Breathing Monitor Indicator [9] then begins to flash at the same rate as your baby's breathing.
- Adjust the volume of the Parent Unit [E].
- Set the Tick Function [4] On or Off, as desired.

**⚠** To avoid needlessly sounding the alarm, get into the habit of always resetting the switch [6] to Sound Only or Off before removing your baby from the crib

### Testing the Breathing Monitor

**⚠** Check that the Breathing Monitor is operating properly before first time use and then on a periodic basis. It is important to do so to ensure that normal room vibrations do not prevent the alarm from sounding.

Switch the Breathing Monitor on [6] without the baby in the crib. After about 15 seconds, the pre-alarm should sound, followed by the main alarm and flashing red light [7], five seconds later. Patting your hand lightly on the mattress or placing your baby in the crib will cause the alarm to stop sounding, although the red light will continue to flash for another minute. You can also stop the alarm by setting the main switch to Off [6]. If the alarm does not sound, refer to the Setup section and make sure that all of the wires are properly connected. You may also have to place the Sensor Pad [1] on a rigid board.

Continuous vibrations from the floor can delay or prevent the alarm from sounding. You may then have to place the cot in the corner of the room or near a solid supporting wall. A strong draft -from a fan, for example- may also delay or prevent the alarm sounding, so make sure that the cot is not in a strong draft. If the alarm still does not go off, please contact **Angelcare**™ Customer Service Department.

## FALSE ALARMS

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**The alarm might still go off if your baby is breathing normally.**

The following is a list of possible causes and ways to correct them.

? You removed your baby from the crib but left the main switch [6] on Sound & Breathing.

! **Set the switch to Sound Only or Off.**

? The Sensor Pad cord is improperly connected to the Sensor Pad Plug-In [12].

! **Reconnect the wire by pushing it in fully.**

? Your baby is not lying above the Sensor Pad [1].

! **Make sure that the Sensor Pad is positioned directly under the baby.**

? The Sensor Pad [1] is not in full contact with the mattress.

! **Make sure that there are no blankets or bedding lifting the mattress and separating it from the Sensor Pad. If necessary, place a flat object under the Sensor Pad to lift it slightly.**

? The Sensor Pad [1] is lying on a soft, springy or uneven surface.

! **Place the Sensor Pad on a rigid board cut to fit the base of the crib.**

If false alarms still occur after you have checked all of the above, contact the Customer Service Department.

## TROUBLESHOOTING

See the two previous pages regarding false alarms and to check whether the Sound and Breathing Monitor is operating properly.

<b>Problem</b>	<b>Possible cause</b>	<b>Solution</b>
<b>No sound and/or On lights [8 and D] are off or barely visible</b>	Battery dead or improperly installed.	Replace battery [H].
	AC adapters [11 and I] improperly connected.	Check connections [13 and G].
	Parent Unit [C] out of range.	Rotate the Parent Unit [C] or move it closer to the Nursery Unit [3].
	One of the units is not on.	Check switches [6 and E].
<b>Very weak reception</b>	Parent Unit [C] is out of range.	Rotate the Parent Unit [C] or move it closer to the Nursery Unit [3].
	Parent Unit [C] or Nursery Unit [3] placed near a large mass of metal.	Move the Parent Unit [C] or Nursery Unit [3].
	Parent Unit [C] or Nursery Unit [3] has tipped over.	Ensure that units are standing up.
	Low battery.	Replace battery [H].
<b>White noise, distortion, interference</b>	Interference with other monitors, wireless phones, walkie-talkies, etc.	Change the channel on both units [5 and A].
	Parent Unit [C] located near motorized devices, fluorescent lights, television, etc.	Eliminate the cause or move the Parent Unit [C] away from the source of interference.
	Parent Unit [C] out of range.	Rotate the Parent Unit [C] or move it closer to the Nursery Unit [3].
<b>Feedback (shrill noise)</b>	Parent Unit [C] located too close to Nursery Unit [3].	Move the Parent Unit [C] farther away.
	Volume is too high.	Decrease volume [E].


If, despite all your efforts, the baby monitor is still not operating properly, contact our Customer Service Department.




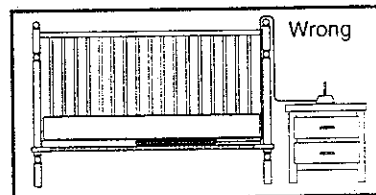
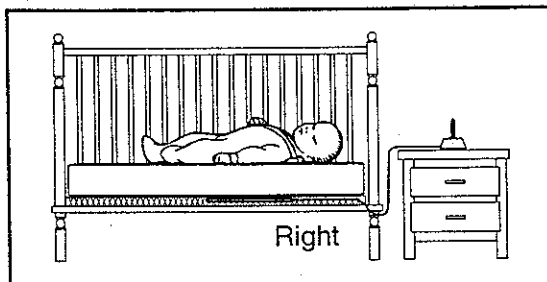


## WARNINGS

- The baby monitor is not a medical device and should not replace direct supervision of the child by a responsible adult.
- Never place the Nursery Unit [3] in the crib or playpen.
- Arrange wiring so that it is out of the child's reach, untangled, and not underfoot.
- All of the baby monitor components except the Sensor Pad [1] should be placed so that air can flow freely around them.
- Never place any of the monitor components near a source of heat or in direct sunlight.
- Keep components away from excessive moisture, and never place the Parent Unit [C] on a wet surface.
- Only use the AC adapters provided [11 and I] and plug them into standard 120 volt outlets. Use of any other type of adapter may pose a safety hazard and make the warranty null and void.
- When the baby monitor is not being used for extended periods of time, remove the battery [H] and/or disconnect the adapters [11 and I].
- Keep the units clean and dust-free. Disconnect the units before cleaning them. Do not immerse in water. Do not spray with cleaning products or solvents; use a dry, lint-free cloth only. The Sensor Pad [1] may however be cleaned by wiping with a cloth dampened with an antiseptic or mild detergent solution.
- Refer all servicing to *Angelcare*™ technicians.

 If the baby wets its bed and the Sensor Pad [1] becomes wet, it will not compromise its proper functioning or safety.

 Make sure that the nursery unit and adapter cord are out of reach of your baby and other small children.



Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **APNEA (RESPIRATORY ARREST) AND SUDDEN INFANT DEATH SYNDROME (SIDS)**

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In industrialized countries, Sudden Infant Death Syndrome (SIDS) is one of the main causes of mortality among infants under the age of one. Ninety percent of SIDS cases occur before the age of six months. No one knows what really causes SIDS or how to prevent it, but certain precautions can still be taken to reduce the risk:

- Unless your doctor tells you otherwise, lay your baby down on his/her back on a flat, firm surface. However, once babies begin to turn on their own, they can be left to sleep in their preferred position.
- Do not smoke around your baby. A smoke-free environment protects your baby's health and reduces the risk of SIDS.
- Your baby must be kept warm but not too warm. The back of his neck should feel free of perspiration.
- Mother's milk is the best food for babies and helps protect them from SIDS.

Remember that a newborn child's breathing rate can be irregular mainly up to the age of three months. When sleeping, your baby breathes every one to two seconds on average. However, it is quite normal for your baby to occasionally breathe in deeply and stop breathing for a few seconds; so don't let this worry you.

You should also remember that a baby's breathing tends to be lightest around 3:00 a.m., at which time it is the most difficult to detect.

### **▲ Your Angelcare™ Breathing Monitor**

- The baby monitor is not a medical device and should not replace direct supervision of the child by a responsible adult.
- The Breathing Monitor is not designed to prevent or stop respiratory arrest, although the noise of the alarm might exceptionally startle the baby and cause him to start breathing again.
- If a member of your family has already had respiratory arrest or if your baby has respiratory problems, consult a physician so that any preventive measures are done under his or her care.
- The Breathing Monitor could be most useful if the person supervising the baby knows how to react in an emergency and if, ideally, he or she has had training in CPR. The following pages describe basic emergency procedures in the event of respiratory arrest.

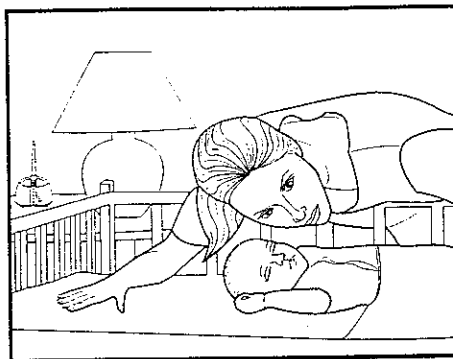
**▲** The enclosed guide is not intended as a substitute for certified training in resuscitation. However, if you take the time to read it attentively, it may prove extremely useful in an emergency. Do consult a physician following any respiratory arrest.

## IF THE BREATHING MONITOR ALARM GOES OFF

### Observe the baby

Remain calm and check whether your baby is breathing properly.

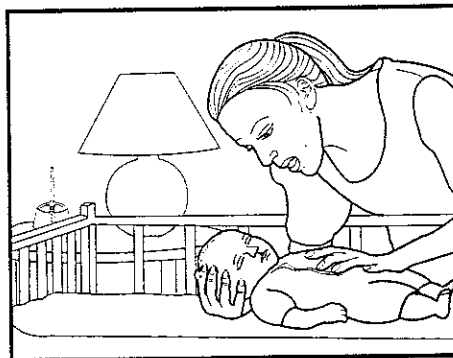
- Place your ear next to your baby's nose and mouth and check whether his chest is moving up and down.
- If your baby is not breathing, move on to the next step.
- If your baby is breathing, continue observing him without waking him while trying to determine why the alarm went off.



### Light stimulation

Talk to your baby while touching him lightly, as if to wake him up.

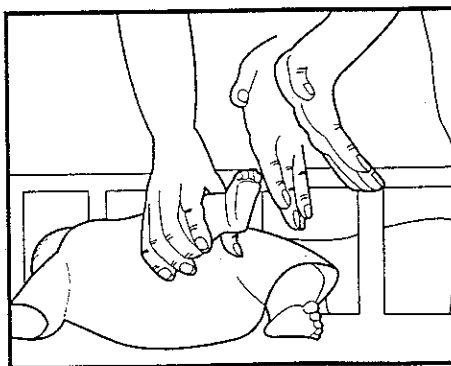
- If your baby is still not breathing, move on to the next step.
- If he starts breathing again, continue observing him while trying to determine the reason for the respiratory arrest.



### Vigorous stimulation

Hold your baby's ankle with one hand and hit the sole of his foot with the other.

- If your baby is still not breathing, move on to the next step.
- If he starts breathing again, comfort him and then try to determine the reason for the respiratory arrest.



## ARTIFICIAL RESPIRATION

### Clearing the respiratory tract

- Ask someone to call for help. If you are alone, administer first aid for one minute prior to calling. Emergency 911;

Hospital ☎ \_\_\_\_\_

Ambulance ☎ \_\_\_\_\_

- Lay your baby down on a hard surface. Tilt his head slightly backwards while gently lifting up his chin.

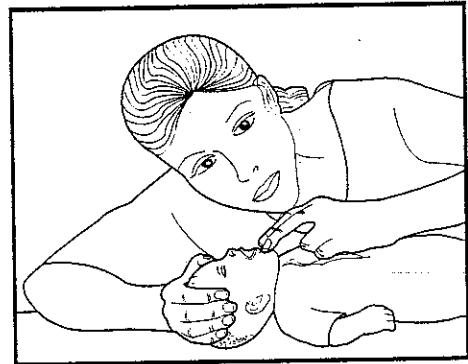


### Check whether your baby has resumed breathing

- Hold your cheek next to the baby's mouth to check for signs of breathing. Observe the baby's chest and stomach. Listen for the sound of any noise.

- If your baby is still not breathing, move on to the next step.

- If he is, make sure there is nothing blocking the respiratory tract, comfort him, and try to determine the reason for the respiratory arrest.



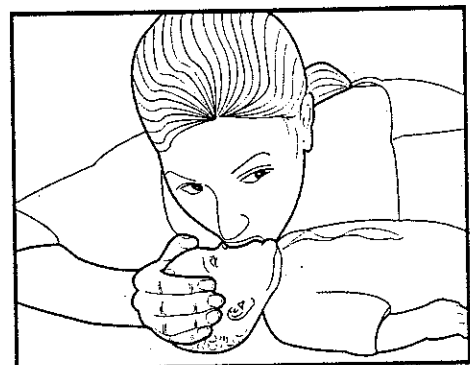
### Place your mouth over your baby's mouth and nose

- Slowly breathe out only the air in your mouth. Allow the baby to exhale. Breathe out more air while observing whether the baby's chest is lifting.

- If the baby's chest is not lifting or if you feel some resistance to the air passing through, reposition the baby's head and breathe more air into the baby's mouth and nose.

- If the air still won't flow, move on to the next step.

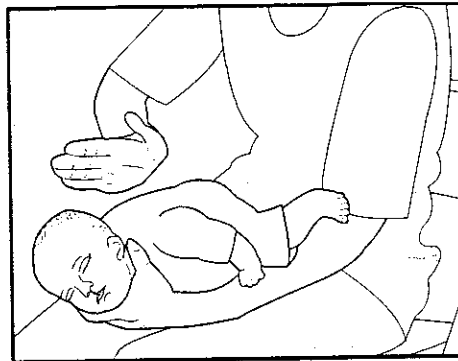
- If the air is flowing freely, give a breath every 3 seconds (20 breaths per minute) until the baby begins to breathe again or until the paramedics arrive.



## CLEARING THE RESPIRATORY TRACT

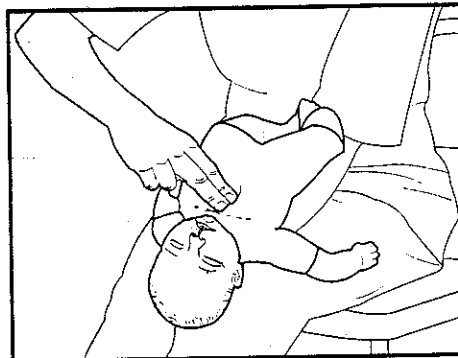
### Smacking the baby on the back

- Turn your baby over on his stomach while firmly supporting his head.
- Using the palm of your hand, smack your baby five times between the shoulder blades. Remove any foreign object that has become dislodged (see last step).
- If the breathing passages have not cleared up, move on to the next step.
- If the breathing passages have cleared up but your baby has not resumed breathing, administer mouth-to-mouth resuscitation.
- If the breathing passages have cleared up and your baby has started breathing again, comfort him gently.



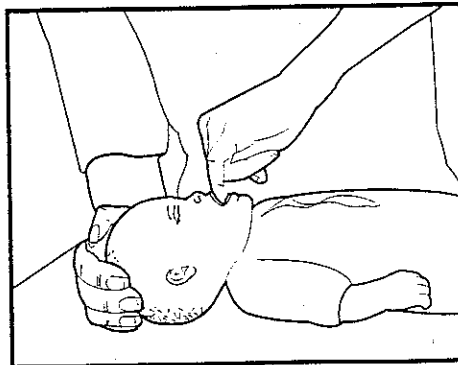
### Chest pumps

- Place your baby on his back and support him firmly.
- Place two fingers on his sternum, just under an imaginary line across the nipples.
- Apply pressure five times to about 1.5 to 2.5 cm (1/2 to 1 in) in depth. Remove any foreign object that has become dislodged (see last step).
- If the breathing passages have not cleared up, alternate between smacking the baby on the back and pushing on his chest.
- If the breathing passages have cleared up but your baby has not resumed breathing, administer mouth-to-mouth resuscitation.
- If the breathing passages have cleared up and your baby has started breathing again, comfort him gently.



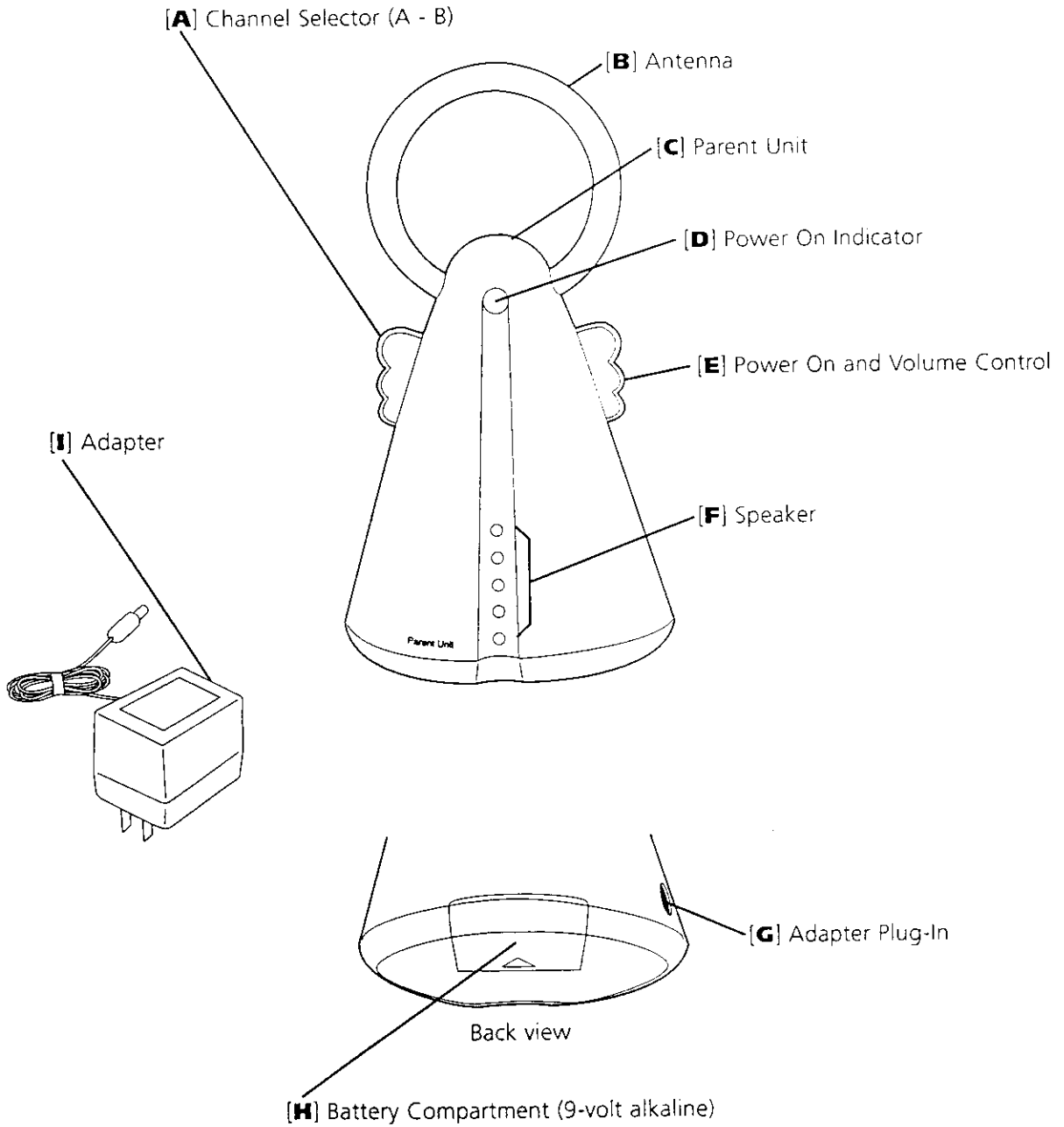
### Removing foreign object

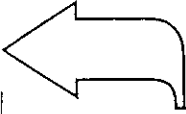
- Use one of your hands to open your baby's mouth.
- With your little finger, use a sweeping motion to remove the foreign object.
- If the breathing passages have not cleared up, alternate between smacking the baby on the back and pumping his chest.
- If the breathing passages have cleared up but your baby has not resumed breathing, administer mouth-to-mouth resuscitation.
- If the breathing passages have cleared up and your baby has started breathing again, comfort him gently.



## ADULT SIDE

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Open up the back-page foldout to display the illustrations accompanying to the instructions.

**Angelcare™**

**Warranty**

Angel & Company (a division of 3416704 Canada Inc.) warrants this product against defects in materials and workmanship under normal use, for a period of one (1) year after the date of original purchase. During this period, Angel & Company will repair a defective product or replace it (at its discretion) without charge. The owner must pay for the cost of shipping the product. This warranty is null and void if the owner tries to repair or alter the product himself. The warranty excludes any liability not stipulated here, including but not limited to incidental or consequential damages. The exclusion or limitation of incidental or consequential damages does not apply to certain areas and, consequently, may not apply to you. This warranty gives you specific legal rights; you may also have other rights which may vary depending on where you live.

Once you have received authorization from the Customer Service Department, send defective items post-paid to Angel & Company, P.O. Box 879, Knowlton, Quebec, Canada J0E 1V0.  
Customer Service Department Toll Free: 1 888 391-9091

# **Angel & Company**

A division of 3416704 Canada Inc.

Angel & Company  
P.O. Box 879,  
Knowlton, Quebec  
Canada J0E 1V0.

Customer Service Department Toll Free: 1 888 391-9091

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