

# Cardiopulmonary Resuscitation (Cpr)

## Encyclopedia Article

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# Cardiopulmonary Resuscitation (Cpr)

*Attempting to restart breathing and heartbeat for someone whose breathing and pulse appear to have stopped.*

Cardiopulmonary resuscitation (CPR) employs chest compressions in a sequential pattern with **artificial respiration** to restore or maintain weak breathing and heartbeat. Both the U.S. Public Health Service and the **American Academy of Pediatrics** recommend that parents receive training in such first aid techniques from the American Red Cross, YMCA, or other community agency.

## Carcinogens

The U.S. Department of Health and Human Services has determined that the following industrial processes, occupational exposures, and chemicals are associated with cancer in humans:

- 4-Aminobiphenyl
- Analgesic mixtures containing phenacetin (used as anti-fever agents)
- Arsenic and arsenic compounds
- Asbestos
- Auramine manufacture
- Benzene (used in nail polish remover, varnishes, airplane dopes, lacquers, and as a solvent)
- Benzidine
- N,N-Bis (2-Chlorethyl)-2-Naphthylamine (Chlomophaozine)
- BIS (chloromethyl) ether and technical grade chloromethyl methyl ether
- Boot and shoe manufacture and repair
- 1, 4-Butanediol dimethanesulphonate (Myleran)
- Certain combined chemotherapy for lymphomas (including MOPP)
- Chlorambucil
- Chromium and certain chromium compounds
- Coal gasification
- Coal tar and coal tar pitch
- Coke production
- Conjugated estrogens
- Cyclophosphamide
- Diethystilbestrol (DES)
- Furniture manufacture
- Isopropyl alcohol manufacture
- Malphalan
- Methoxsalen with ultra-violet A therapy
- Mineral oils
- Mustard gas
- 2-Naphthylamine



- Nickel refining
- Rubber industry (certain occupations)
- Soots, tars, and oils
- Tobacco
- Treosulphan
- Ultraviolet radiation
- Underground hematite mining (with exposure to radon)
- Vinyl chloride

Contact with these substances should be avoided by both children and adults.

## For Further Study

### Books

American National Red Cross. *Respiratory and Circulatory Emergencies*. Washington, DC: American National Red Cross, 1978.

### Audiovisual Recordings

*How to Save Your Child or Baby: When Every Second Counts*. Los Angeles, CA: Video Prescriptions, 1987.  
(One 40-minute videocassette.)

*Seconds Count*. Manhattan Beach, CA: Mann Design, 1991.  
(One 18-minute videocassette.)