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Information and recommendations for patients

- Patients whose clothing or skin is contaminated with liquid acrylic acid can cause secondary contamination of rescue and medical personnel by direct contact or through evaporation of acrylic acid. Patients exposed only to acrylic acid vapor do not pose a significant risk of secondary contamination.
- Acrylic acid is rapidly corrosive to all tissues. Eye contact may cause severe burns and loss of
 vision. Contact with the skin may cause severe burns which may be delayed in onset. Acrylic acid
 vapor is irritating to the skin, eyes, nose, throat and respiratory tract, causing irritation, coughing,
 chest pain and dyspnea. Swelling of the throat and accumulation of fluid in the lungs (shortness of
 breath, cyanosis, expectoration, cough) may occur.
- There is no antidote to be administered to counteract the effects of acrylic acid. Treatment consists of supportive measures.

Substance information

Acrylic acid (C₃H₄O₂), CAS 79-10-7

Synonyms: propene acid

At room temperature acrylic acid is a colorless liquid with a distinct acrid odor. Acrylic acid is used as the monomer in the manufacture of acrylic resins, especially acrylates. It is also used in the polymeric emulsions as coatings for leather; in paints, polishes, and adhesives; and in general finishes and binders.

What immediate health effects can result from exposure to acrylic acid?

Most exposures to acrylic acid occur by direct contact of the skin and the eyes with liquid acrylic acid. Contact with the skin and the eyes causes severe burns which may be delayed in onset, with tearing and lacrimation of the eyes, nose irritation, sore throat and coughing. Extended exposure can cause severe breathing difficulty, which may lead to chemical pneumonia and death.

Are any future health effects likely to occur?

A single small exposure from which a person recovers quickly is not likely to cause delayed or long-term effects.

Some persons who have had serious exposures have developed permanent breathing difficulty and a tendency to develop lung infections easily.

Follow-up instructions

Keep this page and take it with you to your next appointment. Follow only the instructions checked below.

- () Call your doctor or the Emergency Department if you develop any unusual signs or symptoms within the next 24 hours, especially:
 - coughing or wheezing
 - difficulty breathing or shortness of breath
 - increased pain or a discharge from exposed skin or eyes
 - chest pain or tightness

()	No follow-up appointment is necessary unless you develop any of the symptoms listed above.
()	Call for an appointment with Dr in the practice of
	When you call for your appointment, please say that you were treated in the Emergency
	Department at Hospital by and were advised to be seen again in days.
()	Return to the Emergency Department/ Clinic on
()	(date) at am/pm for a follow-up examination.
()	Do not perform vigorous physical activities for 1 to 2 days.
()	You may resume everyday activities including driving and operating machinery.
()	Do not return to work for days.
()	You may return to work on a limited basis. See instructions below.
()	Avoid exposure to cigarette smoke for 72 hours; smoke may worsen the condition of your lungs.
()	Avoid drinking alcoholic beverages; alcohol may worsen your clinical conditions.
()	Avoid taking the following medications:
()	You may continue taking the following medication(s) that your doctor(s) prescribed for you:
	yea
()	Other instructions:
•	gnature of patient Date
Sig	gnature of physician Date

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