

Introducing CODAN CYTO®



CODAN

An Industry Health Alert

An alert has been issued by the National Institute of Occupational Safety and Health through DHHS/NIOSH Publication Nos. 2004-165 and 2004-165A. The alert applies to all workers who handle hazardous medications, and it makes, among others, the following recommendations:

■ DRUG PREPARATION

Hazardous drugs should be prepared "...inside a ventilated cabinet designed to protect workers and others from exposure..."

■ DRUG ADMINISTRATION

"Consider using closed-system drug transfer devices and needleless systems to protect nursing personnel."

■ SKIN PROTECTION

Avoid skin contact by using personal protective equipment (PPE)

NIOSH ALERT

Preventing Occupational Exposures to Antineoplastic and Other Hazardous Drugs in Health Care Settings

Warning!
Working with or near hazardous drugs in health care settings may cause skin rashes, infertility, miscarriage, birth defects, and possibly leukemia or other cancers.

Health care workers who work with or near hazardous drugs may be exposed to these agents in the air or on work surfaces, clothing, medical equipment, or patient urine or feces. Hazardous drugs include those used for cancer chemotherapy, anti-hormones, some bioengineered drugs, and other hazardous drugs. See Appendix A of 29 CFR 1910.1030 for a list of hazardous drugs.

- Be familiar with and able to recognize sources of exposure to hazardous drugs. Sources of exposure include
 - all procedures involving hazardous drugs (including preparation, administration, and cleaning), and
 - all materials that come into contact with hazardous drugs.

Why the Health Alert?

Evidence indicates that healthcare workers regularly exposed to hazardous medications may experience serious side effects such as skin rashes, reproductive problems and possibly leukemia and other cancers. Sources of contamination include breaking ampules, withdrawing drugs from vials, spray from syringes, drug reconstitution and IV push with needles and syringes.

In other words, the Health Alert makes it clear that healthcare workers, who routinely handle cytotoxic drugs, face significant health risks if they are not sufficiently protected.

The CODAN Response

A Closed Solution for Cytotoxic Drug Delivery that is Clean, Safe and Simple



CODAN is the original manufacturer of cytotoxic drug protection products during IV delivery and has successfully supplied the European market for several years. CODAN is now responding to the NIOSH alert in the United States to protect the pharmacists and nurses who are exposed to hazardous medications in their work environment on a regular basis, such as those used for cancer chemotherapy, anti-viral drugs and other cytotoxic agents.

The result is **CODAN CYTO®** – a simple, yet comprehensive line of products for safe preparation and administration of cytotoxic drugs. The products are made in the United States for the North American market place.

CODAN CYTO® - from Pharmacy to Chair Side

CODAN CYTO[®] Products



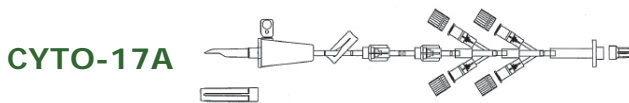
CODAN's Closed Solution calls for:

1. Preparation with CODAN Vial Spikes under a Class III enclosed, ventilated hood (BSC)
2. Closed-system administration using neutral solution barriers and no-disconnect products

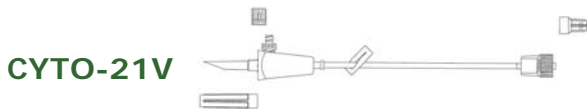
Vial Spikes	Primary Connect Sets	Secondary Connect Sets	IV Extension Sets	Gravity Sets	Accessories
C-31C	CYTO-16A	CYTO-21V	CYTO-1BC	CYTO-13G	BC-128
C-32C	CYTO-17A	CYTO-22V	CYTO-2BC	CYTO-14G	BC-129
C-34C	CYTO-18A	CYTO-23V	CYTO-3BC	CYTO-41T	BC-130
C-350			CYTO-5BC		
C-355					

Complete Product Line Specifications Available Upon Request

Product Examples:



Primary Connect Set with universal spike adapter, for connection to any primary pump set in the market, with 4 check valves as access ports and slide clamp, 50/cs

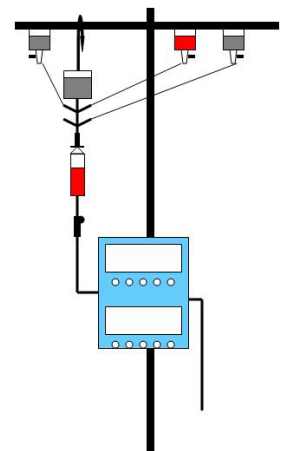


Secondary Connect Set with luer activated valve, slide clamp and CODAN OnceLock with FlowStop Cap, for connection to Primary Connect Set's access port, Chemoprotect[®] Transport & Waste Bag included, 50/cs



CODAN CYTO[®] HighLights:

- A Closed Solution that is Clean, Safe and Simple
- Engineered Controls
- Universal Spike Adapter
Compatible with all Pump Systems
- System Greatly Reduces Sympathetic Flow
- No Disconnects = No Exposure
- No Back Priming
- No Accidental Needle Sticks
- FDA, CGMP, ISO, CE and CMDCAS Standards



For additional information about **CODAN CYTO[®]** and other CODAN products, call us toll-free at **(800) 33-CODAN (26326)** or visit our website at **www.codanusc corp.com**.