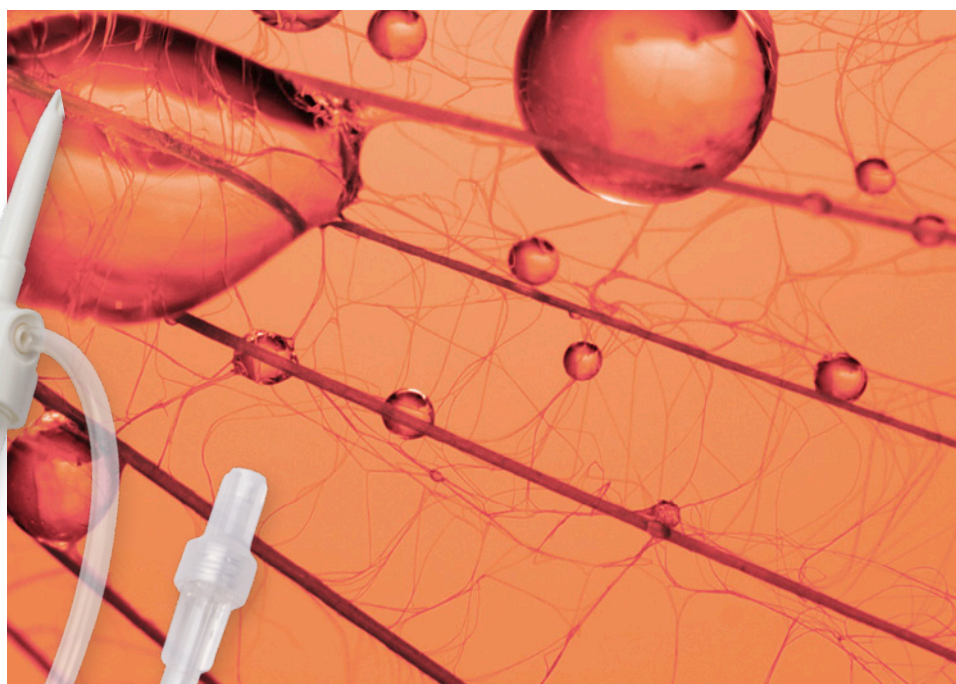
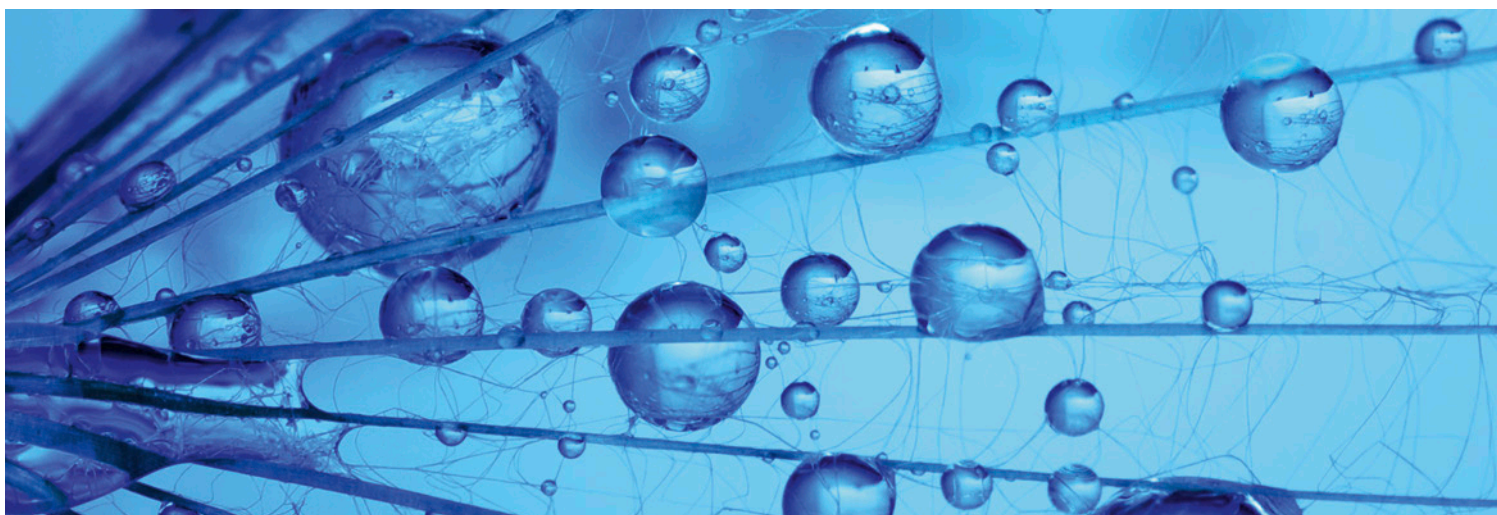
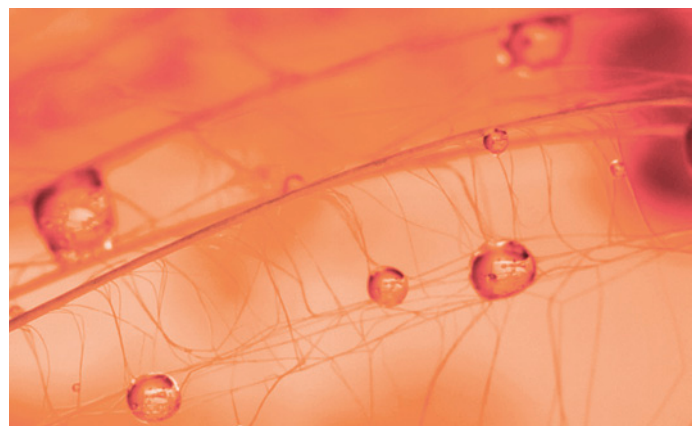


# CODAN Mix-Ad Set



Safe handling of antibiotics



# CODAN Mix-Ad Set

## Preparation and administration - all in one

Intravenous antibiotic treatment is one of the most common pharmaceutical therapies in hospitals, meaning that numerous nurses and other hospital personnel are at risk of antibiotic exposure.

Antibiotics are classified as hazardous drugs and hospital personnel should be protected against exposure. Spill and environmental contamination is rather common when preparing antibiotics which are often revealed as a scent of medication while cleaning the preparation room.

CODAN Mix-Ad Set is a system which is used to dissolve dried pharmaceuticals and then the prepared infusion is administered to the patient in one complete system. It is especially designed for use with pharmaceuticals that require safe handling with no risk of contamination during preparation and administration.

CODAN Mix-Ad Sets have been developed in close cooperation with healthcare professionals; safety features and user benefits are well proven after years of usage.

By using CODAN Mix-Ad Sets, maximum safety is guaranteed during preparation and administration of pharmaceuticals.



### Antibiotic resistance

Bacterial infections have been successfully treated with antibiotics since the 1940's. However, as antibiotics have been used so widely and for so long, bacteria have adapted to antibiotic treatment which has made the drug less effective. Antibiotic resistance is a serious threat to public health as no real alternatives exist. The main reason for the resistance is misuse and unnecessary prescription of antibiotics. Several strategies are taking place around the world to reduce antibiotic resistance, such as prudent use and hygienic precautions for contamination control. Avoiding exposure of antibiotic is a small but yet important part in the fight against resistant microorganisms.

With safe CODAN products for preparation and administration, the risk of environmental contamination is reduced.

### Advantages of working with the CODAN Mix-Ad Set:

- Reduced exposure to hazardous drugs
- Decreased risk of contact allergies
- Simplified working procedure
- Less waste due to less packaging

### Development

Continuous development and improvement ensure our infusion sets for safe handling of intravenous pharmaceuticals meet international and national requirements. The sets can be advantageously used with other CODAN products.

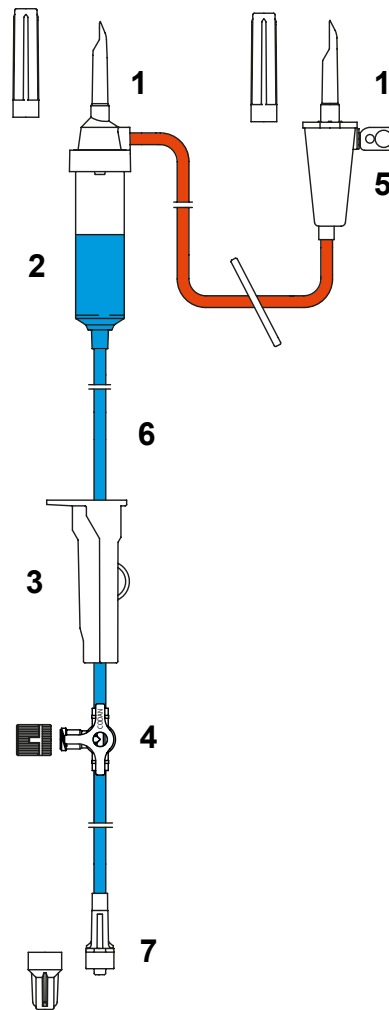
# Unique CODAN Components

1. The CODAN designed spike enables all commonly used infusion bottles and bags to be penetrated with ease as well as offering a tight and secure fit.

2. The standard drip rate is 20 drops/ 1 ml. The drip chamber is equipped with a filter of 15 micron to retain possible particles. The flexible drip chamber in transparent and non-reflective material is easily filled to its level mark.

3. Our CODAN precision roller clamp guarantees a constant flow throughout the whole administration period.

4. An integrated 3-way stopcock enables the system to be rinsed prior to disconnection.



5. The hydrophobic 0.2 micron filter integrated in the spike ensures sterile ventilation and prevents aerosols.

6. CODAN Mix-Ad Sets are available with PVC (TOTM) tubing or with green line® (PVC-free) tubing. Our production has for several years eliminated any use of Latex and DEHP plasticisers. The length is available to your need, the standard diameter is 3.0/4.1 mm (ID/OD).

7. The Male Luer-Lock adapter at the end of the CODAN Mix-Ad Set provides a secure connection to the intravenous access of the patient. The FlowStop protection cap on the Male Luer-Lock adapter is equipped with a hydrophobic membrane which allows air to pass but as soon as neutral solution reaches the membrane, the flow stops automatically. This ensures a ventilation of the CODAN Mix-Ad Set without leakage or contamination.

This CODAN Mix-Ad Set is available in different variants.

## Other products

CODAN has a wide product range for safe handling of intravenous pharmaceuticals

- Spikes for withdrawal and preparation
- I.V.STAR® filters
- CODAN Guard® and Drip SWAN® infusion systems
- Infusion sets with multiple spikes
- Syringes
- SWAN-LOCK®, **SW**abable **A**dapter **N**eedle-free
- CODAN volumetric infusion pumps A717V/A718V and syringe pumps A616S
- Chemoprotect® products
  - Personal Protective Equipment (protective arm sleeves and gowns)
  - Prep mats
  - Transport bags for safe transportation and waste disposal
  - Spill Box for the case of accidents



# CODAN Worldwide



CODAN is known internationally as a manufacturer and supplier of medical transfer systems. The CODAN Companies have more than 1500 employees around the world.

The name CODAN is synonymous with reliability, quality and precision based on the know-how and experience gained from more than 60 years of research and development. Company-owned production facilities and sales companies around the world are a guarantee for efficient production, a tight-knit sales network and a first-class service for customers in the healthcare sector.

## CODAN Companies

CODAN Medizinische Geräte GmbH · Deutschland  
CODAN pvb Critical Care GmbH · Deutschland  
CODAN pvb Medical GmbH · Deutschland  
CODAN 11, S.A. · Portugal  
CODAN US Corporation · California · USA  
CODAN Inc. · California · USA  
CODAN NORGE AS · Norge  
CODAN TRIPLUS AB · Sverige  
CODAN Limited · Great Britain  
CODAN FRANCE Sarl · France  
CODAN Medical AG · Schweiz  
CODAN ARGUS AG · Schweiz  
CODAN BV · Nederland  
CODAN s.r.l. · Italia  
CODAN Medical GmbH · Österreich  
CODAN Medical ApS · Danmark  
CODAN DEHA ApS · Danmark  
CODAN MEDITECH s.r.o. · Česká republika

### CODAN Product range

- Infusion sets
- Transfusion sets
- Extension lines and manifold connectors
- Infusion and transfusion accessories
- Infusion filters and filter systems
- Neonatology/Paediatric products
- Withdrawal, preparation and administration systems
- CODAN CYTO®
- Chemoprotect® products
- Single use syringes
- Invasive blood pressure monitoring systems
- Infusion pumps
- Other CODAN Products

Compliance of the established quality management systems with the provisions of EN ISO 13485 and the Council Directive 93/42/EEC has been certified by the relevant, competent notified bodies:

### TÜV SÜD Product Service GmbH

CODAN Medizinische Geräte GmbH  
23738 Lensahn, Germany

CODAN pvb Critical Care GmbH  
85661 Forstinning, Germany

CODAN US Corporation · Santa Ana, CA 92704, USA

CODAN ARGUS AG · 6340 Baar, Switzerland

### Presafe Denmark A/S

CODAN Medical ApS · 4970 Rødby, Denmark

### Manufacturer

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