

# NEOSHIELD

Closed System Drug Transfer Device

## Preparation

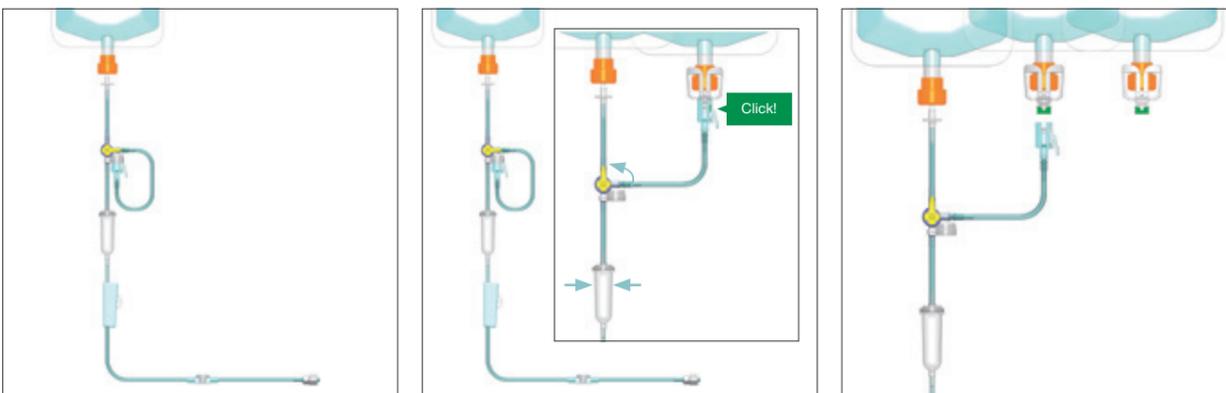


Connect each device before preparation.

Collect solution for dissolving medicine by a syringe and infuse into a vial for mixing.

Collect dissolved medicine and infuse into a solution bag. Protect the solution bag by a cap and bring it to administration process.

## Administration



Conduct premedication using NEOSHIELD IV set.

Connect the prepared solution bag with the lever lock. Use the three-way stopcock to switch channels. Conduct priming by pressing the drip chamber.

In the event of use of additional solution bags, replace bags by the lever lock.

## NEOSHIELD System

	<b>NEOSHIELD Transfer</b> <small>DEHP free</small>		<b>NEOSHIELD Plug</b>
	<b>NEOSHIELD Bag adaptor</b>		<b>NEOSHIELD Lever lock</b>
	<b>NEOSHIELD Vial cover</b>		<b>NEOSHIELD IV set</b> <small>DEHP free</small>

\*NEOSHIELD® is a trademark of JMS Co., Ltd.



Safe design

Easy handling

High efficiency

# The simple design realizes safe and efficient preparation/administration processes

For reducing the risk of exposure to hazardous drugs  
**Safe design**

The simple design realizes  
**Easy handling**

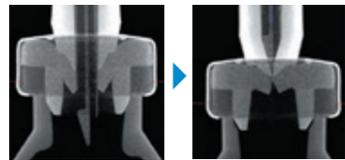
Reduced processes achieve  
**High efficiency**

## Preparation

- Less numbers of devices achieve easy handling
- The risk of exposure to hazardous drugs during operation is reduced

### Point 1

■ CT image



When connected with vial

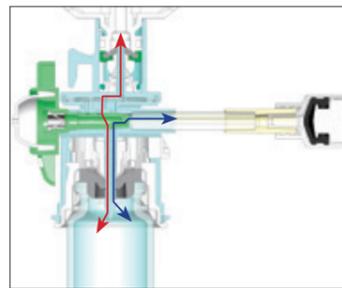
When disconnected from vial

High efficiency

Preparation for additional vials can be conducted by single Transfer, due to its connecting technology, adopting shield mechanism. This achieves high efficiency in preparation process.



### Point 2

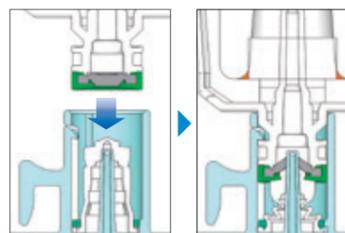


Safe design

Easy handling

Unique mechanism for controlling differential pressure was developed. This allows pressure inside vial to remain the same.

### Point 3



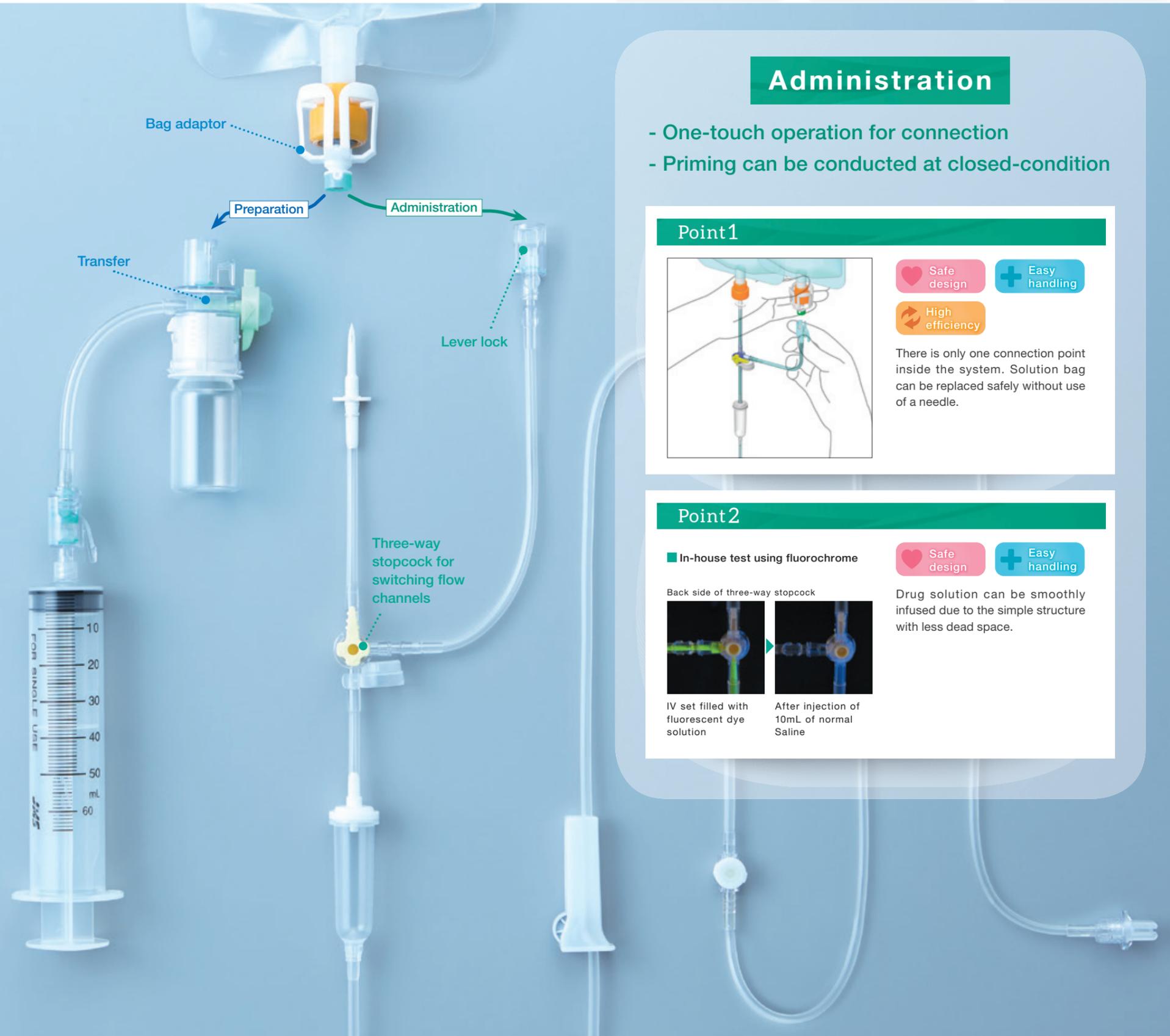
Before connection

After connection

Safe design

Easy handling

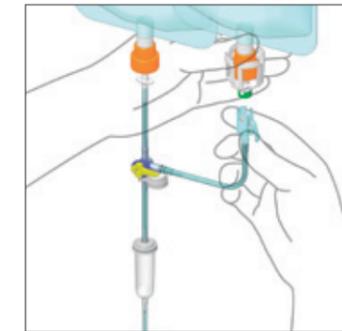
The connecting technology for JMS closed infusion system was adopted. Preparation can be done within closed-condition.



## Administration

- One-touch operation for connection
- Priming can be conducted at closed-condition

### Point 1



Safe design

Easy handling

High efficiency

There is only one connection point inside the system. Solution bag can be replaced safely without use of a needle.

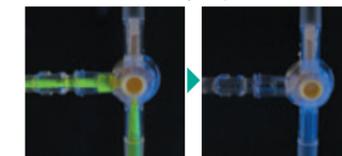
### Point 2

■ In-house test using fluorochrome

Safe design

Easy handling

Back side of three-way stopcock



IV set filled with fluorescent dye solution

After injection of 10mL of normal Saline

Drug solution can be smoothly infused due to the simple structure with less dead space.