

# Artiss [Fibrin Sealant (Human)] and EasySpray Pressure Regulator Preparation Instructions

**Baxter**

## Circulator Nurse | EasySpray Regulator Setup



**FIRST TIME USE:** Open the battery compartment with the aid of a coin or screwdriver and insert a standard 9 Volt battery.

**NOTE:**  
**DO NOT** use rechargeable batteries.

The **EasySpray** Pressure Regulator should be visually inspected at regular intervals.

If the low-battery indicator light is illuminated (only lights up when gas flow is activated), change the battery immediately.



Put the **EasySpray** Pressure Regulator on a plain and stable surface or use the clamp on the back side of the **EasySpray** Pressure Regulator to mount the device on an IV-pole or suitable rail. Firmly set screws to assure stable connection to either the IV-pole or rail.

When mounting the **EasySpray** Pressure Regulator to an IV pole, observe the following conditions: Use stable IV poles with a five-wheel base greater than or equal to 58 cm in diameter and with pole diameter less than or equal to 4 cm.



Connect the **EasySpray** Pressure Regulator device with pressurized air, nitrogen or medical grade CO<sub>2</sub> in the OR.\*

**CAUTION:**  
**DO NOT** connect to an oxygen source.

**NOTE:** Gas adapter connector and cable may look different depending on your facility.

**CAUTION:** Pressurized air supply must be between 3.5 and 7.0 bar (50 - 100 psi).



Connect the transparent filter of the spray set pressure line to the male luer connector on the **EasySpray** Pressure Regulator.

Connect the blue filter of the spray set sensor line to the blue marked female luer connector on the **EasySpray** Pressure Regulator.

**NOTE:** Follow Instructions for Use for **Artiss** [Fibrin Sealant (Human)] and **Tisseel/Artiss** Spray Set preparation.



Turn the switch on the front side of the **EasySpray** Pressure Regulator to the ON-position (I).



Adjust the pressure on the **EasySpray** Pressure Regulator according to the specifications in the spray set instructions for use by turning the regulator knob in the appropriate direction.

**FOR BAXTER SPRAY SET:** appropriate pressure range of 1.5 - 2.0 bar (21.8 - 29.0 psi).

The quantity of product applied is controlled by the product application system but not by the gas released.



When spraying **Artiss** [Fibrin Sealant (Human)] has been completed or the **EasySpray** Pressure Regulator is no longer in use, turn the switch on the front side to the OFF-position (O).

**CAUTION:** Read the **Tisseel/Artiss** Spray Set Instructions for Use carefully for the recommended spraying distance, gas pressure and application details.

### TIPS

The **EasySpray** Pressure Regulator will continue to emit gas for a brief period after the thumb is removed from the clip/plunger. This delay helps to avoid clogging of the spray head.

### Selected Important Risk Information

Life-threatening/fatal air or gas embolism has occurred with the use of spray devices employing a pressure regulator to administer fibrin sealants. This event appears to be related to the use of the spray device at higher than recommended pressures and/or in close proximity to the tissue surface. The risk appears to be higher when fibrin sealants are sprayed with air, as compared to CO<sub>2</sub> and therefore cannot be excluded with **Artiss** [Fibrin Sealant (Human)] when sprayed in open wound surgery.

When applying product using a spray device, be sure to use a pressure within the pressure range recommended by the spray device manufacturer.

\*The **EasySpray** Pressure Regulator has no adapter installed from the factory due to multiple possible configurations, and should be installed by the hospital's biomedical engineering dept.

# Artiss [Fibrin Sealant (Human)] and EasySpray Pressure Regulator Preparation Instructions



## Scrub Nurse | Tisseel/Artiss Spray Set Setup



Firmly attach the spray head to the syringe, ensuring blue dots align, and fasten the pull strap to the syringe.



Attach clear connector to the Luer-lock connector on the underside of the spray head.



Attach the clip (on the end of the sensor line) by sliding it into the grooves located on the top of the syringe plunger.

## Surgeon | Application Tips



To activate the flow of gas, occlude the opening in the clip center with thumb. To begin application, gently depress the **Artiss** [Fibrin Sealant (Human)] syringe plunger. The **EasySpray** Pressure Regulator will continue to emit gas shortly after thumb is removed from clip to help avoid clogging of the spray head.



A spraying distance of 10–15 cm is recommended. Note that the spraying distance should not be less than 10cm and the spray pressure should be between 1.5 - 2.0 bar (21.8 - 29.0 psi)

| In order to ensure optimal safe use of <b>Artiss</b> [Fibrin Sealant (Human)] by spray application, the following recommendations should be followed:                                       | Applicator tip to be used       | Pressure regulator to be used       | Gas to be used                            | Recommended distance from target tissue | Recommended spray pressure / Gas flow rate |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------|-------------------------------------------|-----------------------------------------|--------------------------------------------|
|                                                                                                                                                                                             | <b>Tisseel/Artiss</b> Spray Set | <b>EasySpray</b> Pressure Regulator | CO <sub>2</sub> * Medical Air or Nitrogen | 10 - 15 cm                              | 1.5 - 2.0 bar (21.8 - 29.0 psi)            |
| * CO <sub>2</sub> is the preferred gas for application, however Medical Air or Nitrogen are acceptable gasses for administration of <b>Artiss</b> [Fibrin Sealant (Human)] in open surgery. |                                 |                                     |                                           |                                         |                                            |

The information presented here is based on the **Artiss** [Fibrin Sealant (Human)] Prescribing Information, **Tisseel/Artiss** Spray Set Instructions for Use and the **EasySpray** Pressure Regulator Instructions for Use. Baxter, Artiss, EasySpray and Tisseel are trademarks of Baxter International Inc. or its subsidiaries.  
BXU011441 04/2026