Orchid SRV™

Cautions:

Federal law restricts this device to sale by or on the order of a physician.

Fluid pathway and area under both tip caps are sterile. Do not place on a sterile field.

Single use only, never attempt to reconnect Orchid SRV after a breakaway event.

Do not tape or otherwise cover Orchid SRV.

Intended Use:

The Linear Health Sciences™ Orchid Safety Release Valve™ is a sterile single patient use connector for needleless access placed between the existing IV extension set and general IV tubing connection intended to be used for delivery of fluid to/from an IV catheter. The Orchid SRV can be used during direct injection, intermittent infusion, and continuous infusion.

Indications for Use:

The Linear Health Sciences™ Orchid Safety Release Valve™ is a sterile single patient use connector for needleless access and is intended for use between IV extension sets and general tubing connection used for delivery of fluid to/from an IV catheter. The Orchid SRV can be used during direct injection, intermittent infusion, and continuous infusion.

Device Description:

The Orchid SRV™ connects via standard male luer-locking connection, allowing bidirectional flow during IV therapy. The Orchid SRV™ has a safety feature that allows the device to separate into two halves when longitudinal tension exceeds the SRV tension window, automatically closing the flow path to both the catheter and administration set. Following separation, a component of the Orchid SRV™ is left attached to each side of the infusion system to protect the intraluminal pathway. Upon separation, replacement of the SRV is necessary. Follow institutional policy to replace the SRV.

Contraindications: The Orchid SRV™ has no absolute or relative contraindications. Orchid SRV™ is not intended for use with power injection applications.

How it's supplied: The Orchid SRV™ is supplied as a standalone device.

Precautions: Always use aseptic technique.

Instructions For Use: Orchid SRV™

Replace per guidelines or validated facility policy and procedures. The Orchid SRV™ should be changed at the same time as the extension set and/or needleless connectors.

For administration of intermittent infusion, Orchid SRV™ should remain attached to the disconnected administration set or disposed of. At no time is Orchid SRV™ intended to have a disconnected luer exposed. A sterile dead-end cap should always be used when Orchid SRV™ is left on a disconnected administration set.

1. Perform hand hygiene before each procedure. Use clean gloves if contact with blood is likely.

2. Inspect Orchid SRV™. Discard the package if the device is separated, if end caps are missing or loose in package, or if packaging appears disrupted.

3. Peel back lid on the chevron package. Remove the Orchid SRV™ with both end caps in place. First, remove female-luer end cap and attach the Orchid SRV ™ to the desired administration set by rotating clockwise until secure. Prime the Orchid SRV™ in line with the administration set prior to removing the vented male luer end cap and per facility policy and procedures. Remove the vented male luer end cap and repeat clockwise attachment to the vascular access device hub or extension set side to complete the flow circuit. Tighten the male end by twisting the clear luer lock collar, minimizing twisting of the purple Orchid SRV™ body.

4. To disconnect, rotate clear luer lock collar counter clockwise.

5. For intermittent infusion, leave the Orchid SRV™ attached to the disconnected administration set and use a sterile dead-end cap to cover the end. Upon conclusion of intermittent infusion, replacement of the Orchid SRV™ is not required.

Note: Do not leave Orchid SRV™ attached to an extension set or IV hub that is not connected to an administration set. Orchid SRV™ should never be left as the terminal component of a set without using a dead-end cap.

6. If a tension event occurs the SRV will activate, leaving 1/2 of the SRV™ attached to either side of the infusion system. During replacement of the SRV™, clamp the administration set; remove and discard the Orchid SRV™ half remaining on the administration set. Replace with a new, pre-packaged SRV™ and prime the SRV™ per facility policy and procedures, leaving the male luer end cap in place to retain sterility during priming. Remove the remaining activated SRV™ half from the vascular access hub or extension set and dispose. Disinfect the hub per institutional policy and procedures. Remove the male luer end cap of the new Orchid SRV™ and repeat clockwise attachment to the vascular access device hub or extension set to complete the flow circuit. Tighten the male end by twisting the clear luer lock collar, minimizing twisting of the purple Orchid SRV™ body.