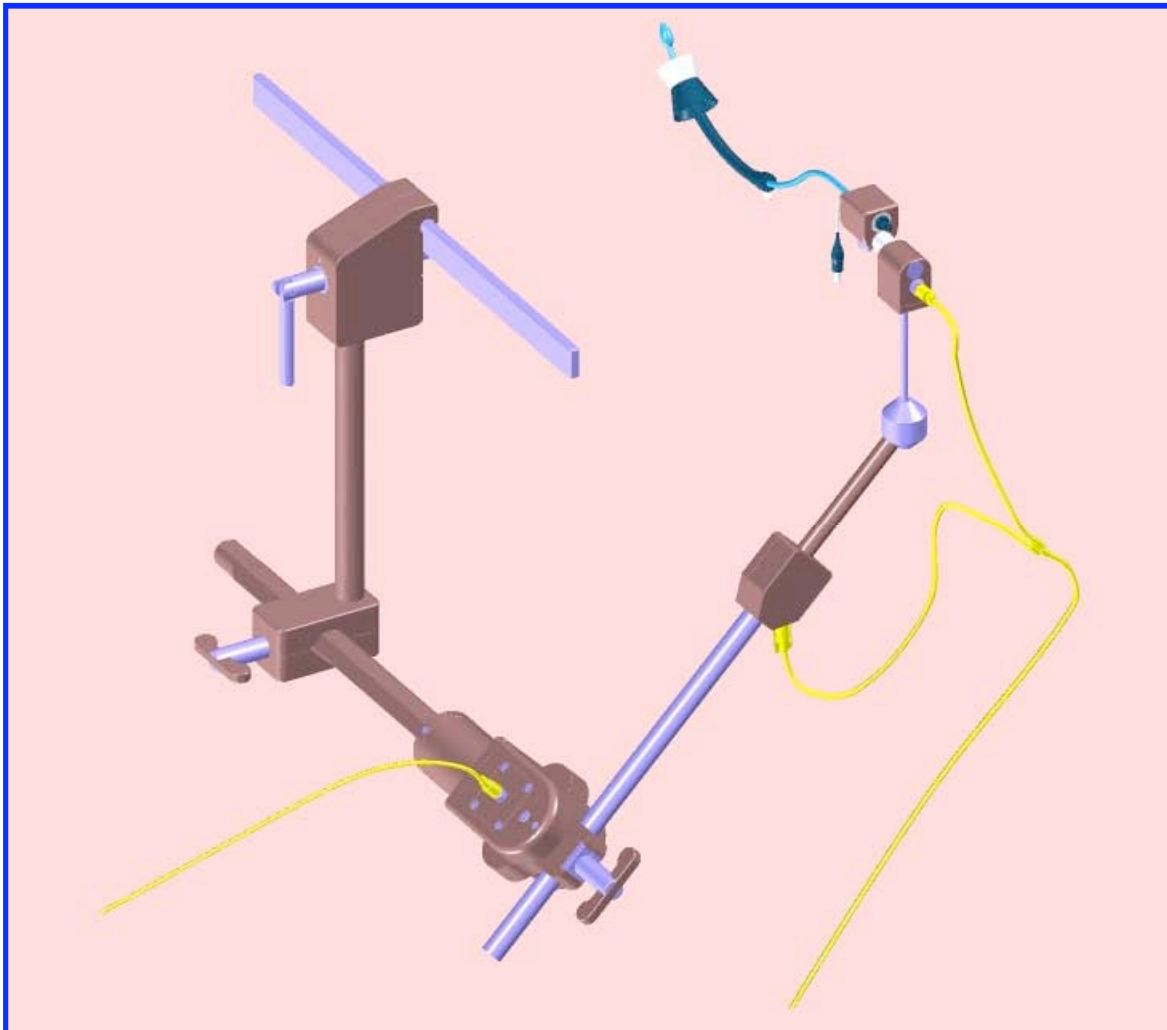


# The KRONNER SIDE-KICK

## A Perineal Instrument Holder

for holding the V-Care uterine manipulator  
and other instruments



1. Firmly holds the manipulator.
2. Unrestricted manipulator positioning.
3. Allows 360 degree V-Care rotation with pneumatic locking.
4. Foot pedal activation for manipulator re-positioning.
5. Adapters for other manipulators, vaginal retractors and endoscope holders.
6. Instruments and adapters can be changed during the procedure.
7. Reduces manipulator holder fatigue.
6. Especially useful with the DaVinci.

# **The KRONNER SIDE-KICK**

## **A Perineal Instrument Holder**

**R. Kronner MD FACS**

The **Kronner SIDE-KICK**, which is a **Perineal Instrument Holder**, firmly holds uterine manipulators during laparoscopic surgery. It also holds retractors during vaginal and other perineal surgery, thereby freeing a person for performing other tasks. The Side-Kick does not interfere with re-positioning the uterus with the inserted manipulator.

The Side-Kick is attached to either side of the operating table rail behind the leg stirrup attachment.

The manipulator is inserted into the patient using standard technique, then the Side-Kick is joined to it.

With proper adapters the Side-Kick may be used with various manipulators, such as the Apple, the RUMI, the Pelosi, the V-Care, the Kronner Manipjector, other types, and also a perineal retractor. The retractor can be exchanged for the manipulator during surgery.

A gas supply module, which can also be attached to the operating table rail, transfers gas from the wall or a portable tank to the Side-Kick through two flexible lines. When the switch is turned off, at the end of the procedure, the Side-Kick joints are decompressed.

Pressing a foot pedal releases all the Side-Kick joints for position changes. When the foot pedal is released the joints lock. The foot pedal is connected to the module through a single line.

A branched gas line connects the two luers of the Arm assembly to the supply module. A single gas line joins the main pivot.

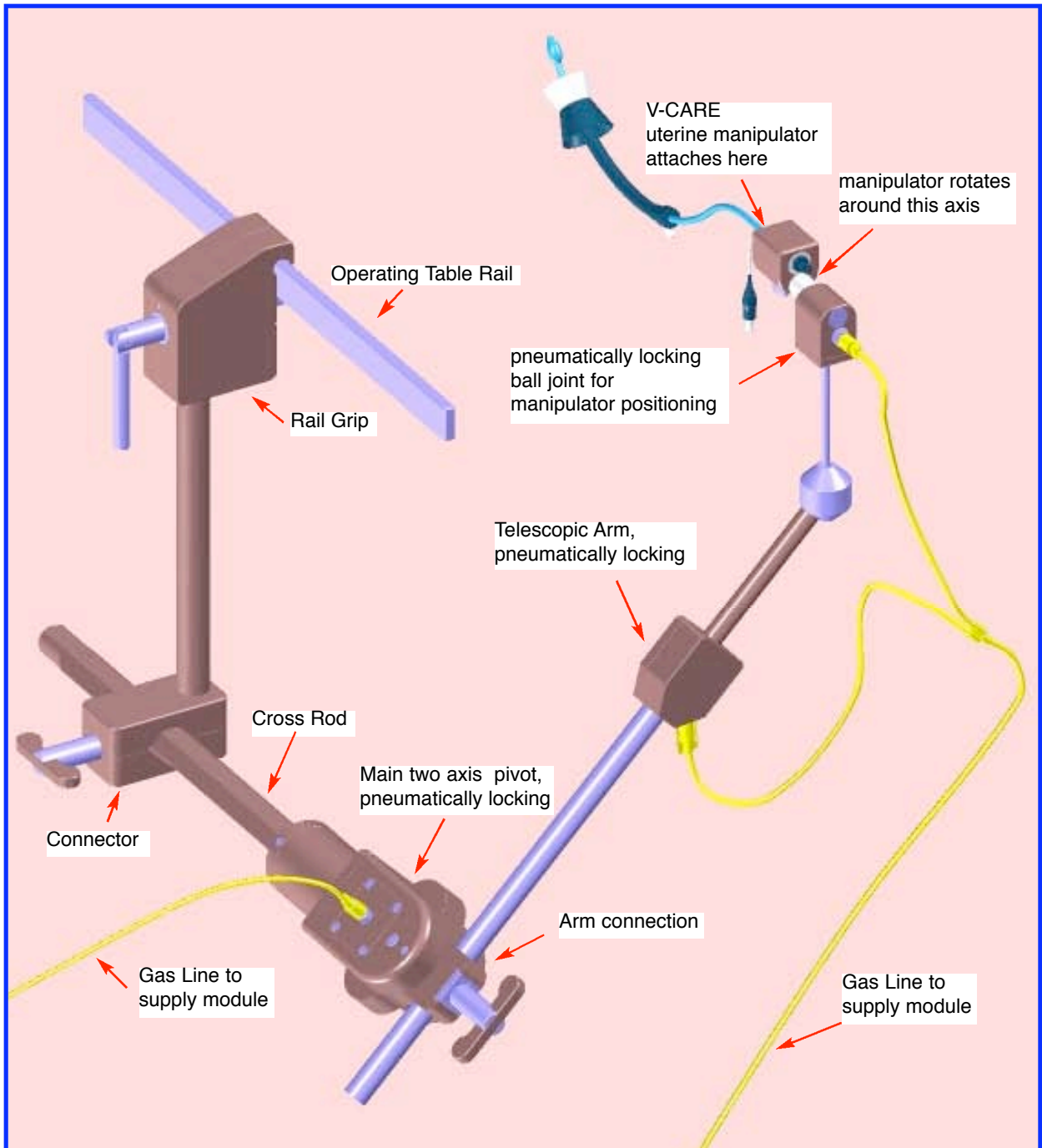
Under most circumstances only the arm assembly and adapters are sterilized. They may be steam autoclaved. The disposable gas lines are supplied sterile.

This manual describes the set up and use of the Sidekick with the V-Care uterine manipulator.

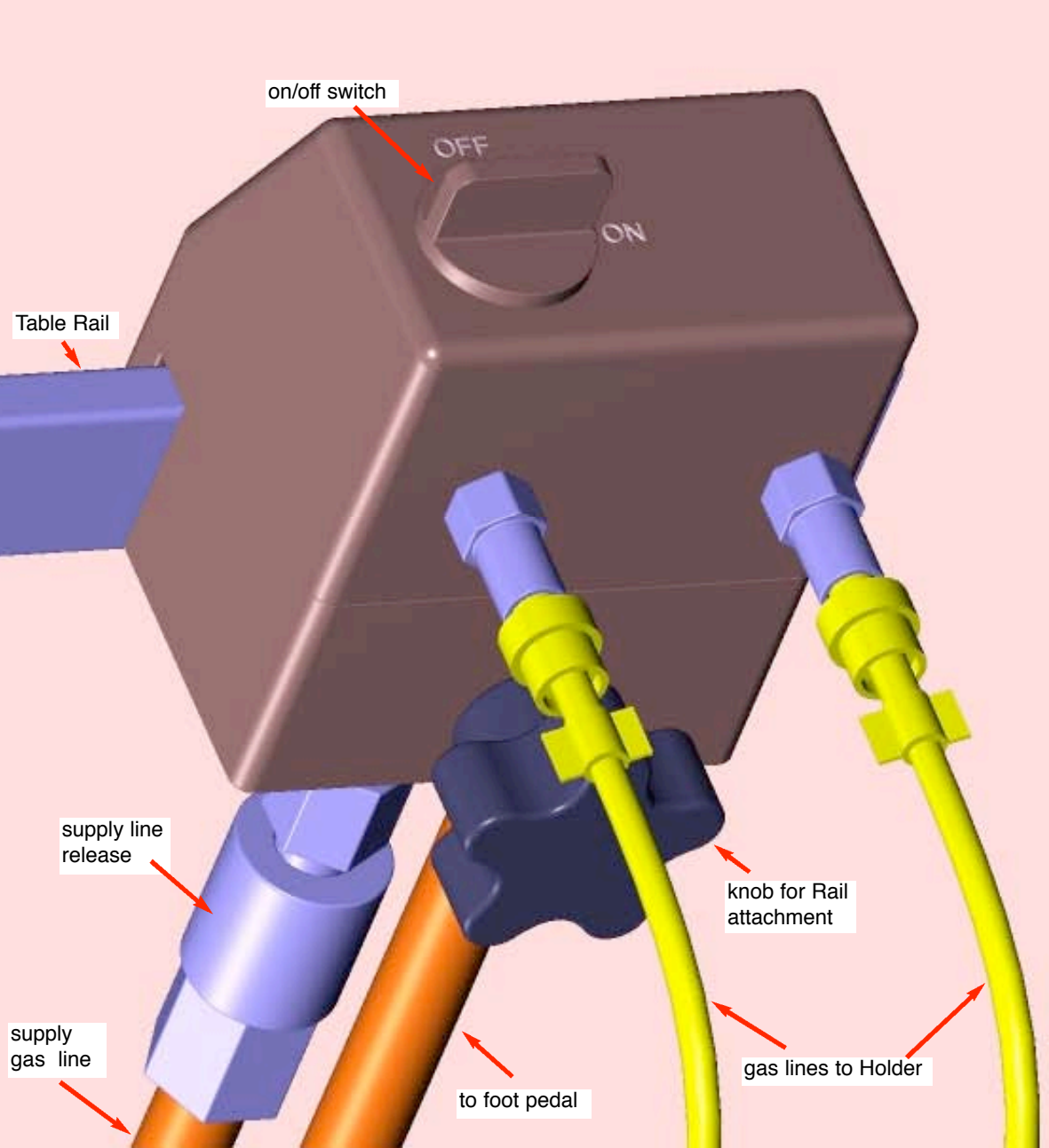
V-care has its own pneumatic locking ball joint and telescoping inner rod arm components. It also has a pneumatic locking joint that allows V-Care to be rotated 360 degrees around its long axis. Stepping on the foot pedal releases all joints and thus V-Care can be positioned seamlessly. When the foot pedal is released the position is held.

See other manuals for use of the Sidekick with other manipulators and instruments.

# Components



# SUPPLY MODULE



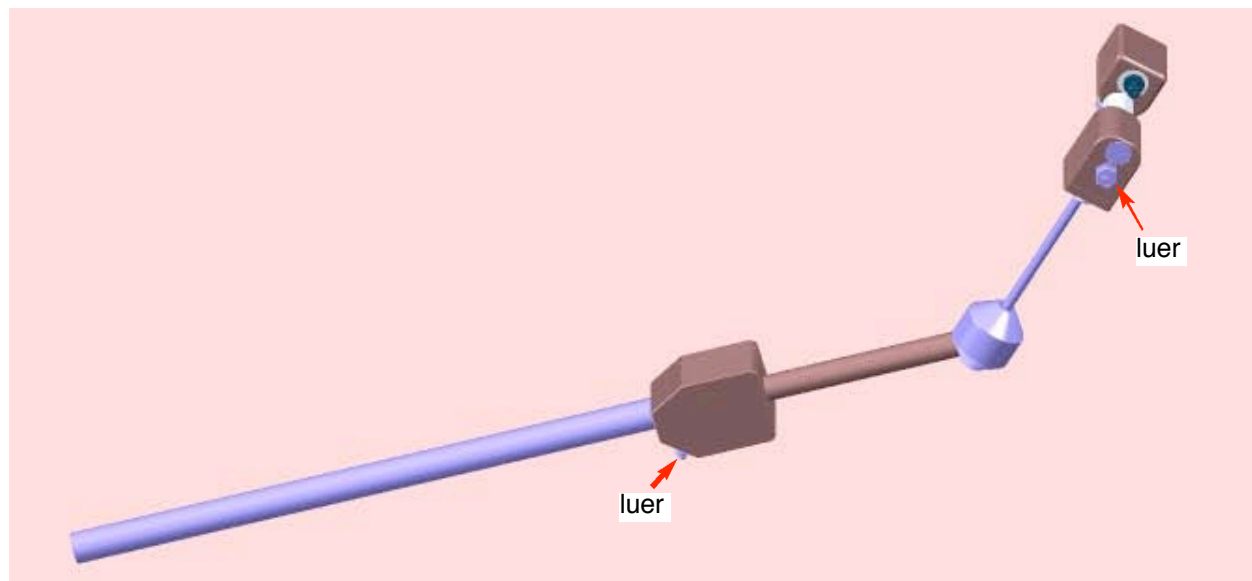
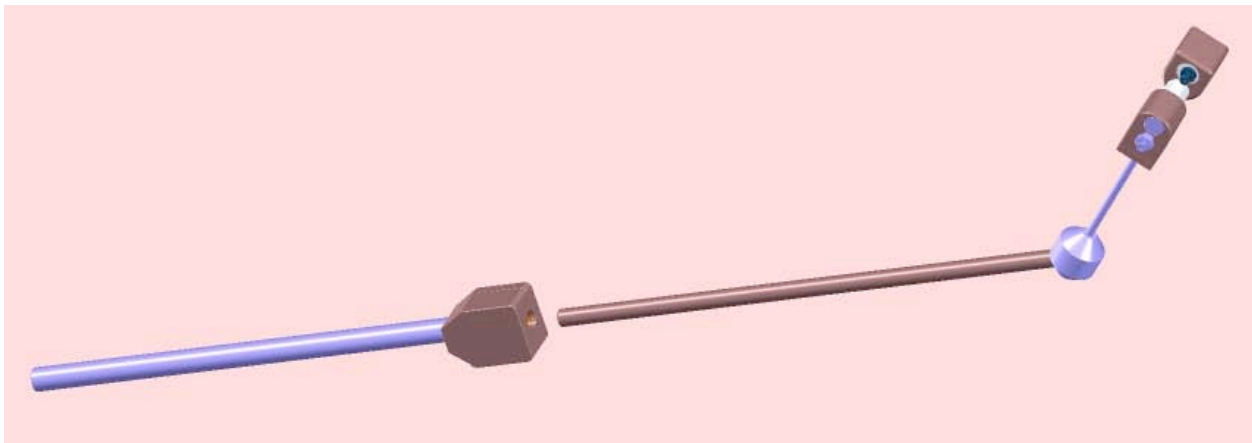


# STERILE COMPONENTS

Note: the user may elect not to sterilize some of these components.

## Joining the inner rod to the arm.

1. Insert the V-Care inner rod assembly into the outer arm.
2. If resistance is met, gas pressure may not have been released after the last use. Press the luer stem with a metal object such as a straight kelly clamp. Avoid displacing the stem sideways.



# NON-STERILE COMPONENTS

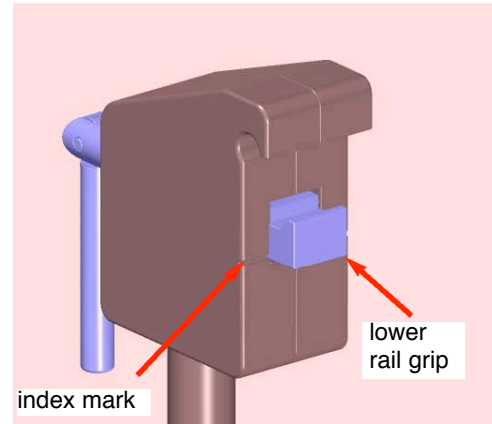
## Attaching the rail grip assembly to the operating table rail.

The rail grip assembly can be attached to either rail, it is placed behind the attachment for the leg stirrup.

1. Rotate the rail grip handle counter-clockwise until the bottom of the lower rail grip aligns with the index mark.

This setting will allow the rail grip assembly to be attached by tilting it outward.

More rotations are required to attach without tilting.



2. Select a position, on the rail, that will place the Holder arm attachment directly below the manipulator connection.\*

3. Tilt the assembly outward and attach it to the rail.

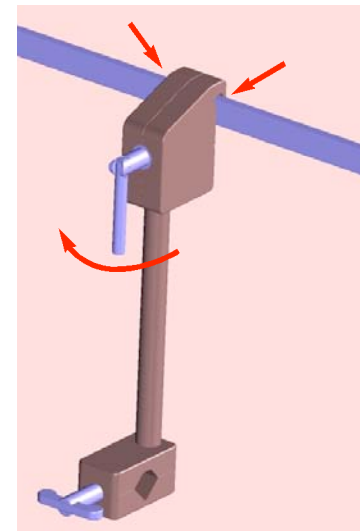
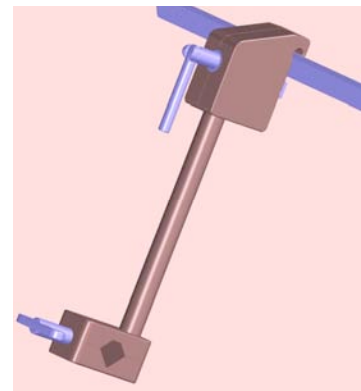
Corrections can be made later by repositioning the main pivot assembly.\*

The rail grip can be released and slid on the rail to re-position if necessary.\*

\*The design of the Holder allows for variability in these settings.

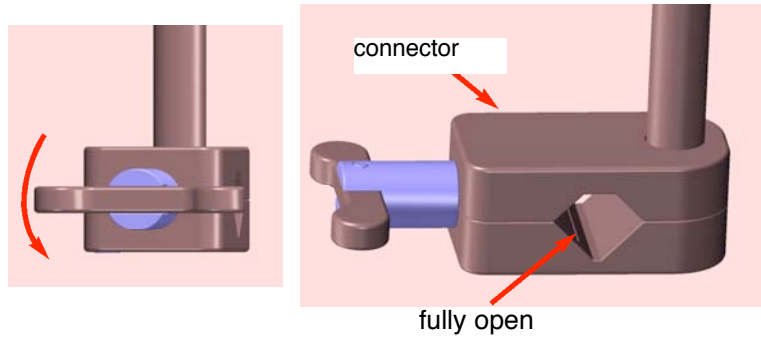
4. Rotate the handle clockwise until it is tight, approximately three full rotations.

Be sure the assembly is hanging straight downward in both planes during this step and the rail grip upper notch is touching the rail on both sides of the rail grip.

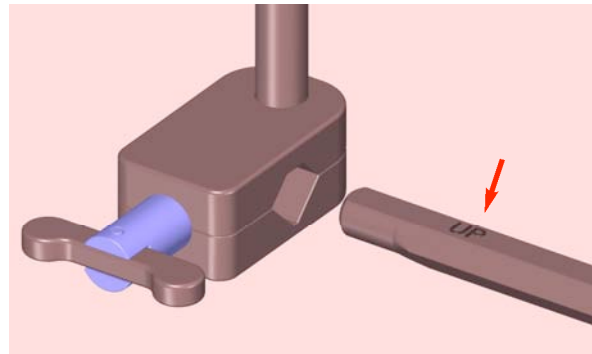


# Attaching the main pivot assembly to the connector of the rail grip assembly

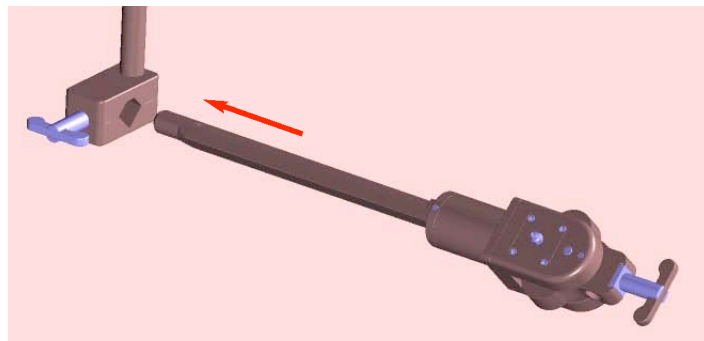
1. Rotate the T-handle counter-clockwise to a stop to open the connection joint for the main pivot cross rod.



2. Position the main pivot and cross rod so “UP” is positioned upward.



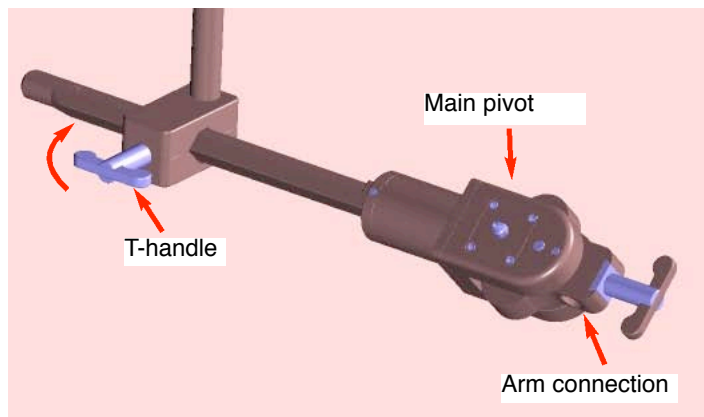
3. Insert the cross rod into the connection joint.



4. Slide the main pivot until the arm connection is located below the planned connection to the manipulator.

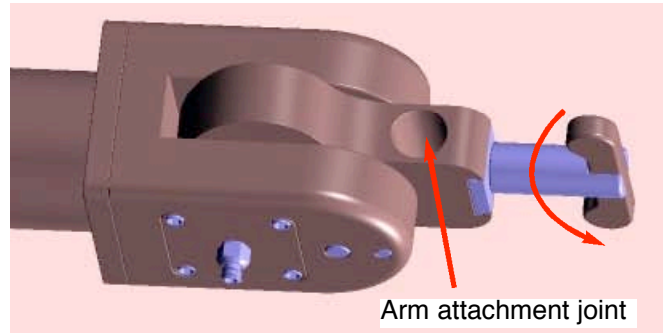
5. Firmly tighten the T-handle clockwise.

This setting can be changed later, if needed.



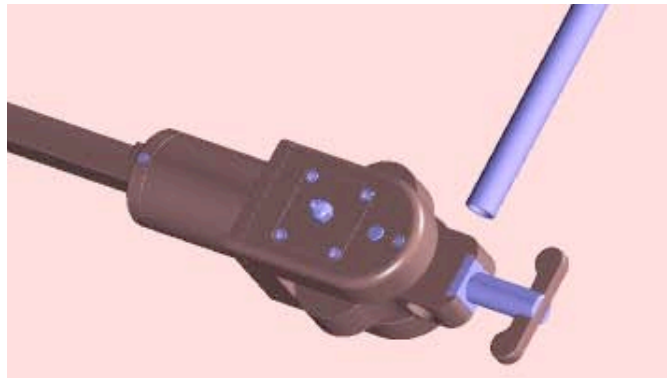
## Attaching the arm to the main pivot.

1. Rotate the main pivot handle counter-clockwise to a stop to open the attachment joint.

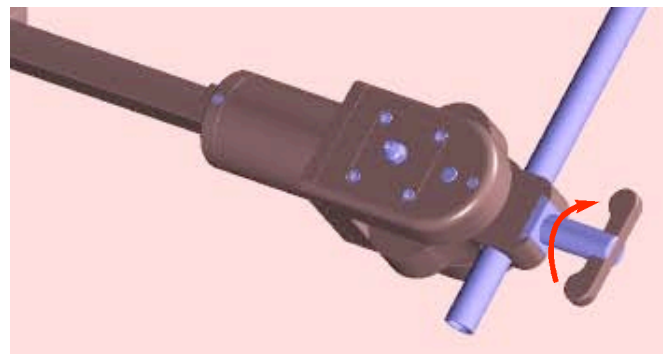


2. Insert the arm assembly into the attachment joint until the telescoping rod will allow for the required manipulator movement.

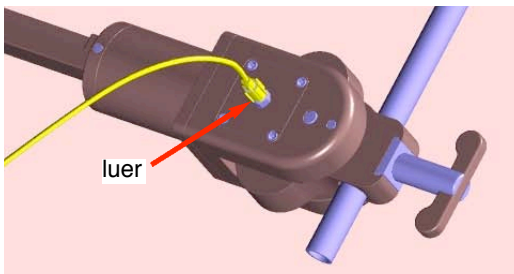
This setting can be changed later, if necessary.



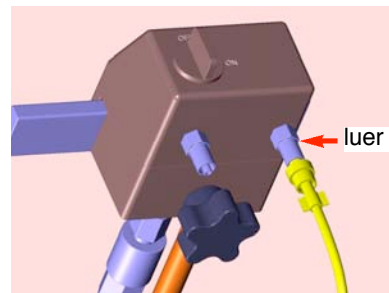
3. Tighten the main pivot handle clockwise.



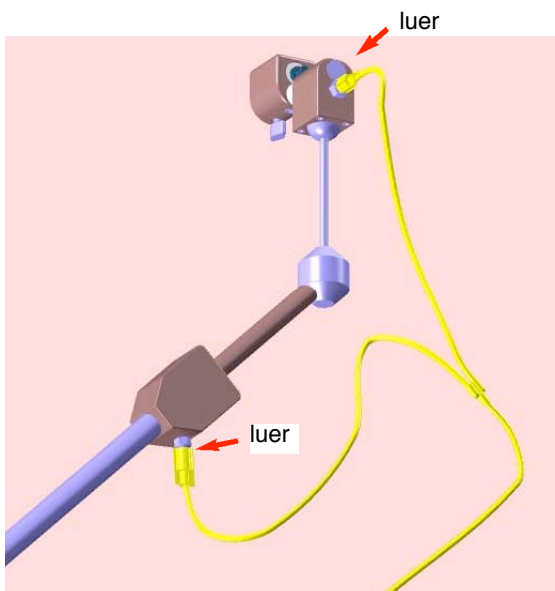
## Attaching the gas lines



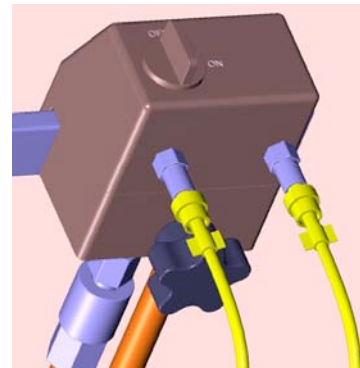
1. Connect the single gas line to the main pivot luer.



2. Connect the other end of the gas line to one of the gas output luers of the supply module.



3. Connect the branched line to the two luers of the arm assembly.

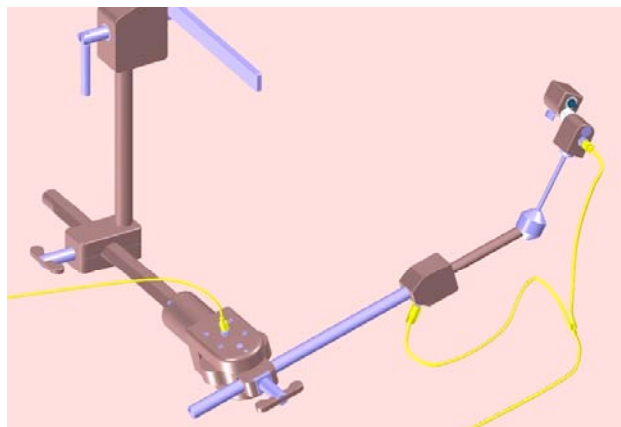


4. Connect the other end to the supply module.

The gas line connections to the arm may be made prior to joining the arm to the main pivot assembly. The single gas line may be connected to the pivot and the supply module prior to arm attachment.

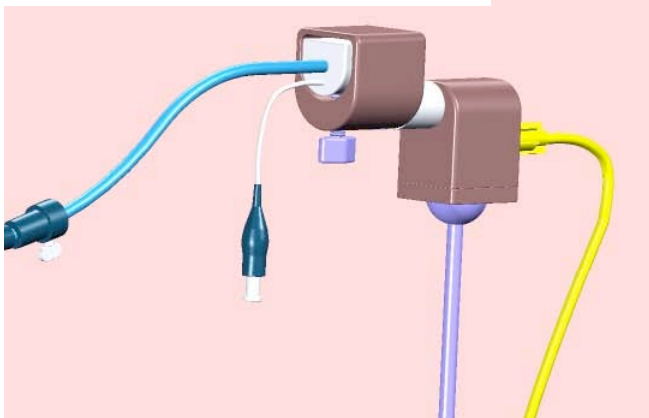
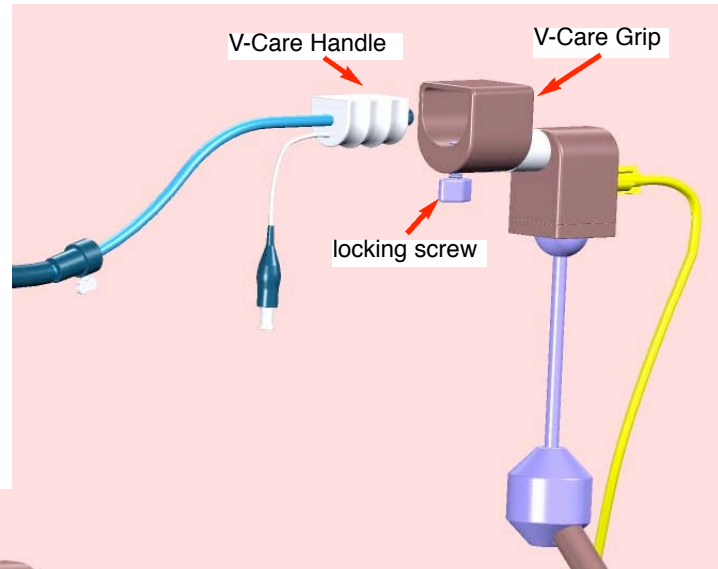
Stops prevent the arm from falling prior to pressurizing the system.

Lower the arm sideways to one of the stops or continue to hold it during the next steps.



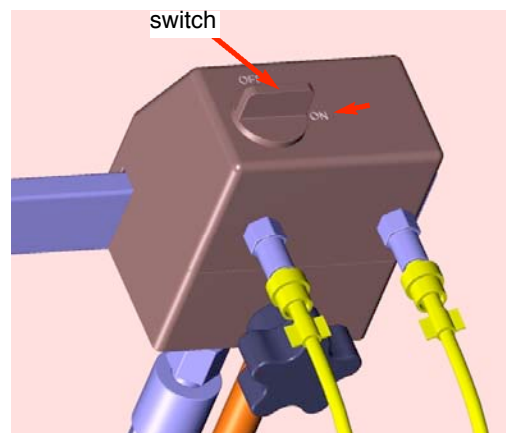
## Attaching the uterine manipulator to the Holder

1. Insert the manipulator into the patient.
2. Loosen the locking screw.
3. Slide the V-Care Grip over the V-Care handle.



4. Tighten the locking screw.

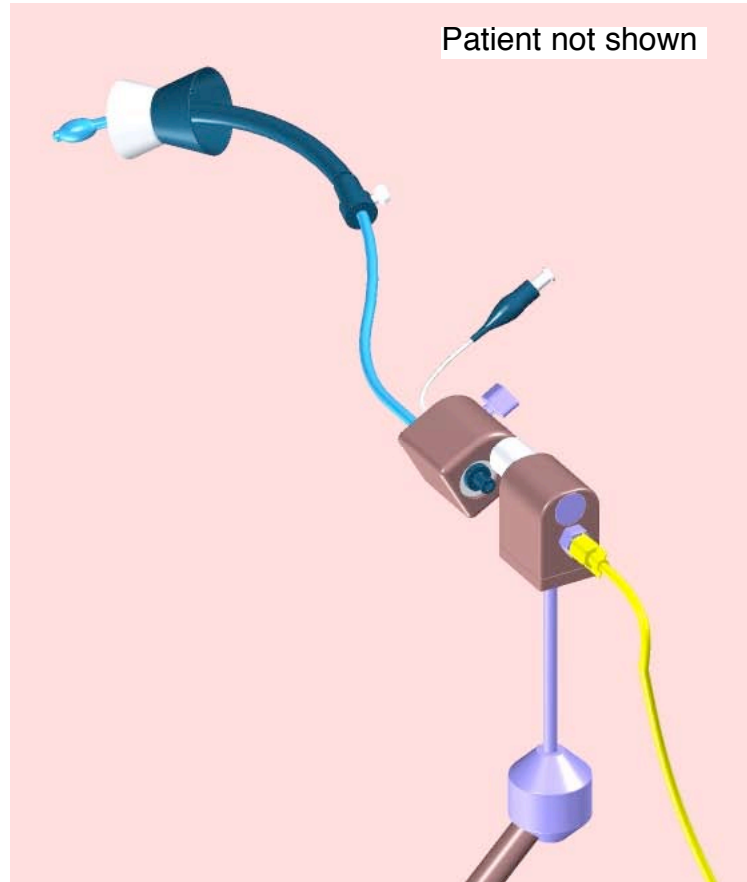
4. Turn the switch of the supply module to "on".



## To use the Holder

### Rotating the V-Care

1. Grasp the manipulator.
2. Press the foot pedal and rotate the manipulator.
3. After releasing the foot pedal, allow gas pressure to build prior to releasing the manipulator.



### Repositioning V-Care

1. Grasp the manipulator.
2. Press the foot pedal and re-position the manipulator. This step can be combined with manipulator rotation.
3. After releasing the foot pedal, allow gas pressure to build prior to releasing the manipulator.

# **The Kronner Side-Kick A Perineal Instrument Holder**

## **Parts List**

### **KSK- 5000 The Kronner Side-Kick for use with the V-Care uterine manipulator**

#### **Reusable components:**

Not autoclavable:

1. 5100-5150-5200 Rail grip and connector assembly
2. 5300 Main pivot assembly
3. 700-5800 Gas supply Module and Pneumatic foot pedal
5. K-1120 Gas supply hose, (attaches to hospital gas wall outlet)

Steam autoclavable:

1. 5400 Outer Arm assembly,
2. VA-1-5601 V-Care inner rod assembly and manipulator connector

Optional:

1. VPRA-1 Vaginal and perineal retractor assembly
2. 5500 Inner rod assembly, required for the retractor

#### **Disposable components, provided sterile, one set required for each procedure**

1. HPL1-BL1 Branched gas line set, contains:
  - a. Branched line with two luer fittings on the distal end and one luer fitting on the proximal end, length, eight feet.
  - b. Straight gas line, with luer fittings on each end, length eight feet.

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