

How to Straighten a Blood Pressure Catheter

The catheter can become curved or bent after being implanted. This may require a need to straighten the catheter for future use.

1. Soak the transmitter in an enzyme detergent immediately upon explantation to thoroughly clean and remove any biomaterial. Please refer to the On-Site Sterilization Tech Notes for DSI approved and recommended detergents located on our website, www.datasci.com.
2. Rinse the catheter and re-gel if necessary.
3. Carefully thread the catheter into the beveled end of a syringe needle.
 - Mouse – 20 gauge syringe needle
 - Small animal – 14 gauge syringe needle
4. Advance the catheter completely into the needle and place the apparatus on a tray.
5. Place the tray in a warm (40°C) environment for at least one hour, such as on a water circulating heating pad. The transmitters can also be left in the warm environment overnight.
6. Cover the whole heating pad with a towel or other covering. Do not exceed a temperature of 50°C while heating.
7. Remove the tray with the transmitters from the warm environment. The catheters will cool down quickly to room temperature which will set the catheter in its new configuration.
8. Once the catheters have cooled, they can be removed from the needle.