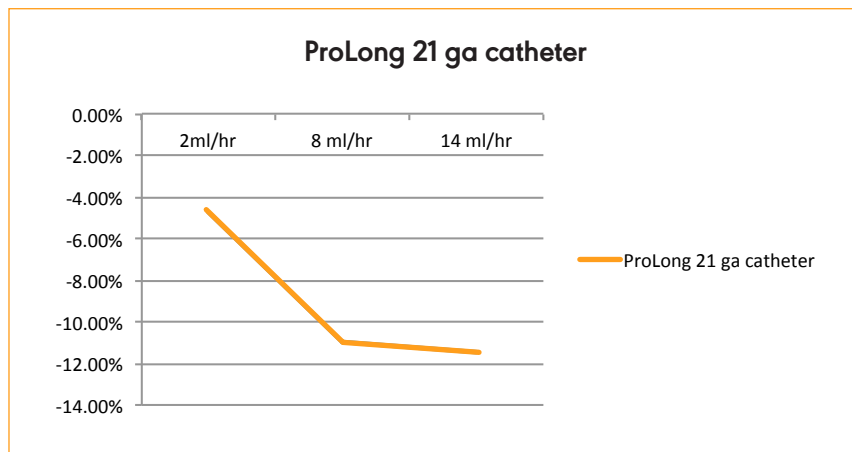


TECHNICAL BULLETIN

# EFFECT OF PROLONG\* CATHETER ON FLOW RATE OF ON-Q\* ELASTOMERIC PUMPS

The ON-Q\* Elastomeric infusion pump delivers medication at a flow rate that is determined by the pressure in the elastomeric reservoir, the flow restriction in the infusion circuit and the viscosity of the fluid. The catheter that is connected to the pump to deliver the medication may have an impact on flow rate. The ProLong\* catheter has an internal diameter of 21 gauge, and may decrease the flow rate up to approximately 12% at the maximum rate possible when used with the ON-Q\* pumps.

Testing was conducted to estimate the impact on flow rate when using the ProLong\* catheter. Based on the results of the testing, the following graph shows the results at various flow rates:



**Clinicians should consider these approximate changes in flow rate to determine appropriate prescription for patients.**

**Note:** There are many other factors which may affect flow rates – refer to the Instructions for Use (IFU) for additional information.

There are inherent risks in all medical devices. Please refer to the product labeling for **Indications, Cautions, Warnings** and **Contraindications**. Failure to follow the product labeling could directly impact patient safety. Physician is responsible for prescribing and administering medications per instructions provided by the drug manufacturer. Refer to [www.avanospainmanagement.com](http://www.avanospainmanagement.com) for additional product safety Technical Bulletins.

Please contact the Clinical Services Department at **800-444-2728** or **949-923-2400** if you have any questions regarding this information.