



Teleflex Announces First Patient Enrollment in Clinical Study Evaluating CleanSweep™ Closed Suction System's Effects on Ventilator Mechanics Versus a Traditional Closed Suction Catheter

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WAYNE, Pa.--(BUSINESS WIRE)--Aug. 28, 2018-- Teleflex Incorporated (NYSE: TFX), a leading global provider of medical technologies for critical care and surgery, today announced the first patient enrollment in a U.S. clinical study of CleanSweep™ Closed Suction System at Duke University Hospital in Durham, NC.

CleanSweep Closed Suction System utilizes the dual operation of balloon sweeping technology with traditional suction collection to remove secretion build-up inside the endotracheal (ET) tube. In benchtop testing, CleanSweep Closed Suction System removed 2.5 times more secretions than the leading traditional closed suction device. CleanSweep Closed Suction System is designed to easily integrate into current airway management protocols, while providing enhanced secretion removal.

"During mechanical ventilation, secretions accumulate and microbial biofilm may form inside the ET tube. Even small reductions in ET tube radius can increase airflow resistance significantly," said Neil MacIntyre, M.D., professor of medicine at Duke University Hospital. "The CleanSweep Closed Suction System may offer significant advantages in reducing ET tube obstruction."

Selection criteria for participants of the clinical study include patients receiving pressure or volume assist control ventilation who require ET tube suctioning more frequently than every 2.5 hours. Patients will be randomized to receive standard closed suctioning or CleanSweep Closed Suction System. Prior to suctioning, and within 15 minutes thereafter, respiratory system mechanics, hemodynamics, and gas exchange will be measured. For all participants, data will be collected from both devices to determine any statistically significant differences between CleanSweep Closed Suction System and standard closed suction technique.

"Evaluating the effectiveness of closed suction devices further supports Teleflex's commitment to developing technologies that help to advance respiratory care," said Michael DiGiuseppe, Vice President of Teleflex Respiratory. "CleanSweep Closed Suction System has the potential to make a positive impact to airway management of the critical care patient."

About Teleflex Incorporated

Teleflex is a global provider of medical technologies designed to improve the health and quality of people's lives. We apply purpose-driven innovation – a relentless pursuit of identifying unmet clinical needs – to benefit patients and healthcare providers. Our portfolio is diverse, with solutions in the fields of vascular and interventional access, surgical, anesthesia, cardiac care, urology, emergency medicine and respiratory care. Teleflex employees worldwide are united in the understanding that what we do every day makes a difference. For more information, please visit teleflex.com.

Teleflex is the home of Arrow®, Deknatel®, Hudson RCI®, LMA®, Pilling®, Rüschi® and Weck® – trusted brands united by a common sense of purpose.

Forward-Looking Statements

Any statements contained in this press release that do not describe historical facts may constitute forward-looking statements. Any forward-looking statements contained herein are based on our management's current beliefs and expectations, but are subject to a number of risks, uncertainties and changes in circumstances, which may cause actual results or company actions to differ materially from what is expressed or implied by these statements. These risks and uncertainties are identified and described in more detail in our filings with the Securities and Exchange Commission, including our Annual Report on Form 10-K.

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