



PRESS RELEASE

For Immediate Release

XSTREAM® Infection Control LLC Announces the Validation of the XSTREAM X2000 System in Surgical Applications

Oakton, Virginia, August 30, 2017 - **XSTREAM®** Infection Control LLC today announced that Dr. Anthony K. Hedley of St. Luke's Hospital in Arizona will be validating the eradication of bovie and surgical smoke and elimination of surgical site infections specifically in orthopedic surgery.

Dr. Hedley founded the Hedley Orthopedic Institute, considered to be one of the finest in the world, which is the Official Healthcare provider of the NBA Phoenix Suns and the WNBA Phoenix Mercury. Dr. Hedley specializes in surgery and replacement of the knee and hip. An extremely skilled surgeon, Dr. Hedley is known as "The doctor's doctor." In addition to being listed in the "Who's Who Worldwide," Dr. Hedley has been listed in "The Best Doctors in America" every year since its inception in 1992.

The X2000-10 is designed to run in a vertical or horizontal position, eliminating viruses and bacteria in an 8000 square foot room. In addition to eliminating viruses and bacteria, the Cluster Ions produced by the X2000-10 are also known to eradicate all types of smoke and particulates.

At the foot of every surgical table is a Deep Vein Thrombosis (DVT) pump. The protocol implemented with Dr. Hedley's team is to position the X2000-10 at the foot of the surgical table in a horizontal position over the DVT Pump with the ion saturated plume produced by the X2000-10. This directs a gentle ion flow over the surgical site. The smoke never reaches the nose or mouth of the surgeon or anyone on the surgical team.

XSTREAM is working with the American Academy of Orthopedic Surgeons with regards to potential enhancement of operating room procedure recommendations.

The anticipated results and benefits of this X2000-10 positioning protocol include:

- Eradication and Elimination of surgical and Bovie Smoke at it's creation.
- Elimination of Surgical Site pathogens due to the saturation of Cluster Ions at the surgical site.
- The X2000-10 provides Bacteria and Virus control in the entire Operating Room. The X2000-10 is designed to run 24/7/365.
- Eradication of surgical and Bovie Smoke at the source has the greatest likelihood of preventing exposure to anyone in the operating room and any health consequences associated with it.
- The X2000-10 can be used in any surgical environment that produces smoke such as veterinarians.

The **XSTREAM 2000-10®** system negates the use of UVX, H₂O₂ Gas and other chemicals. **XSTREAM** employs a proprietary system known as Cluster Ionization (CI) to convert H₂O through its reactor core. These special and long life cluster ions destroy the DNA of bacteria and viruses upon contact through their cellular walls.

Under a lease agreement using the **XSTREAM 2000-10** - 8000 square feet can be covered for as little as \$7 per day. This expense is **25 to 100 times more economical than existing technologies.**

These systems require maintenance once every two years and are manufactured in the USA with USA parts. The system is simple to install and require no labor costs while operating.