



August 5, 2010

Cryosurgery Moves into the 21st Century with CryoPen Handheld device is simple, safe, effective

Cryosurgery has been frozen in time for the past 60 years, until now! The next generation CryoPen Cryosurgical System is bringing cryosurgery into the 21st Century. The CryoPen is a complete system that is simple, safe and effective. Also, the CryoPen can generate significant revenue for your practice. The CryoPen is truly the best way physicians can treat many skin lesions including warts, actinic keratoses, seborrheic keratoses, condylomas and skin tags.

The CryoPen is simple because it's quick and easy to use. It's safe because it delivers results without scarring or burning of surrounding tissue and because it does not require the use of dangerous cryogenic liquids and gases like liquid nitrogen. It's effective because it delivers treatment at the very cold -105° Celsius temperature. Patients typically require only one treatment. In addition, the CryoPen provides a healthy revenue stream for physicians practicing all types of medicine from general practitioners to podiatrists to OB/GYNs.

"With the CryoPen, treatment takes just a few minutes from start to finish," says Berry Fleming, MD, of Plano, TX. "Treatment occurs very quickly and procedures are not painful for patients."

"We wanted to provide a new technology that streamlined the treatment process for patients and physicians," said Dr. Mike Haas, inventor of The CryoPen. "The CryoPen was designed to be easy to use and to help physicians take care of patient needs in their own offices rather than referring them to a specialist."

If you're interested in seeing a demonstration of The CryoPen, please visit (insert link here).

CryoPen, LLC is a leading cryosurgical innovator; designing, developing, marketing and selling its CryoPen Surgical System to primary care physicians, family practice physicians, general practice physicians, obstetrics and gynecologists, pediatricians, internists and dermatologists. For more information, please visit <http://www.cryopen.com>



April 27, 2006

CryoPen, LLC Launches Revolutionary, State-of-the-Art Medical Device The Future of Cryosurgery in a Pen

HOUSTON (April 27, 2006) - The most advanced, state-of-the-art technology in the field of cryosurgery, the CryoPen® Cryosurgical System, was recently launched by CryoPen, LLC., announced Dr. Michael Haas, the technology's inventor.

"The CryoPen is the most significant cryosurgical advance in a generation and will most certainly revolutionize cryosurgery. The last new technology in the field was more than 30 years ago," said Haas, CryoPen President.

The CryoPen is the safest instrument available because it uses a state-of-the-art, linear compression cooling technology that does not require handling of dangerous cryogenic gases and liquids, such as with existing, cryosurgical technologies of the 1970s. In addition to not being exposed to potentially dangerous gases or liquids, the pen-point precision and consistent freeze temperature of the CryoPen reduces the risks of serious burns, according to Haas.

"The non-invasive, patient-friendly CryoPen is also the most effective cryosurgical technique because it simplifies the complexities involved by predetermining variables, such as time, angle, and distance," Haas added. "Once the system is at optimal temperature, the CryoPen is ready for accurate and predictable cryosurgery."

The CryoPen also makes cryosurgery safer and easier for office staff, who will no longer have to regularly handle and order hazardous gases or liquids mandatory of most traditional methods. Plus, with the CryoPen, the treatment has a minimal scarring and no need for anesthetic.

The CryoPen, which has established American Medical Association CPT™ codes and can be treated without referral, is used in the treatment of:

- warts/plantar warts
- lentigo
- dermatafibroma
- seborrheic keratoses
- non-recurrent basal cell
- molluscum
- actinic keratoses
- keloids
- skin tags

For some procedures, reimbursement is more than \$200, according to national averages derived from the Centers for Medicare and Medicaid Services data.

Dr. Kyle Dean, a Louisiana physician who has used the CryoPen in his practice, said he considered the CryoPen one of the best equipment purchases that he has ever made.

"My staff no longer uses valuable time pouring liquid nitrogen from one container to another," Dean said. "And, if there is a delay in the treating a patient, I do not have to worry; the pens stay ready for 30 minutes, where as liquid nitrogen would have evaporated."

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To find out more about the CryoPen, visit www.cryopen.com or call us at 888-246-3928.

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September 24, 2003

NIST to Present paper at the Cryogenics Engineering Conference
Wednesday, September 24, 2003 in Anchorage Alaska

Development of a Pulse Tube Refrigerator to Support Cryo-Surgical Devices for Dermatology and Gynecology Applications

P.E. BRADLEY R. RADEBAUGH, M. LEWIS, National Institute of Standards (NIST) and Technology; R BAILEY, M. HAAS, CIMEX BioTech, L.C.

This paper describes the development of a pulse tube refrigerator (PTR) to provide about 10W of cooling at 170 K for cooling three cryosurgery probes for medical applications. These probes are foam-insulated copper pens that are plugged into cooling sockets attached to the cold end of the PTR. After being removed from its socket a pen can be used for about three minutes before its temperature rise is too much. As it is replaced into its socket another pen is available to continue treatment. Particular emphasis was placed on a low-cost design for the PTR with a compact system envelope. This necessitated use of foam insulation for the cold head to lower the cost. The high temperature operation of 170 K allowed use of a coarser #250 mesh screen for the regenerator, which further reduced the cost.

A U-tube geometry with the cold end up was employed, which simplified access to the cold end and allowed easy placement and replacement of the cryosurgical pens. The performance of the PTR in different orientations is discussed and compared with model predictions. The cooldown time and the temperature variations at the cold end during pen replacement are presented.

<http://www.cec-icmc.org/index.asp>

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February 19, 2002

CIMEX® Medical Innovations L.C. ANNOUNCES A NEW WAY TO PERFORM CRYOSURGERY

Covington, LA. - CIMEX® Medical Innovations L.C., today announced a new, cutting edge cryosurgery device, the CryoPen®. Michael J. Haas, M.D., President, is presenting the CryoPen® at the MedTech Insights conference "Investment In Innovation: A Preview of Early Stage Medical Technology Companies," scheduled for February 21-22, 2002, at the Hyatt Regency Irvine, in Irvine, California.

The CryoPen® is the first and only cryosurgery device that does not utilize dangerous gas or liquid cryogens. The hand-held, portable CryoPen® is simply removed from the cooling base and placed onto the lesion. The CryoPen® will maintain a consistent ideal temperature for the duration of procedural time, thereby assuring safe and effective removal of unwanted lesions.

It is estimated that there are approximately seventy-five million skin lesions removed each year in the United States. The key to successful cryosurgical removal of skin lesions is extremely cold temperature. CIMEX's CryoPen® utilizes solid state technology to achieve and maintain the extreme cold temperatures necessary for proper skin lesion removal.

The CryoPen® will allow a multitude of physicians, including Family Practice, General Practice, and Gynecologists, to perform safe and effective cryosurgical procedures. "We, at CIMEX, believe that the CryoPen® is the safest, easiest and most cost effective cryosurgical tool ever created", states Michael J. Haas, M.D.

Unlike current cryosurgical devices, the CryoPen® uses no dangerous gas or liquid cryogens. Until now, Nitrous Oxide, Liquid Nitrogen, and Carbon Dioxide were the commonly used methods capable of achieving the necessary cold temperatures to effectively remove most skin lesions. The Occupational Safety and Health Association (OSHA) requires stringent safety guidelines regarding the proper usage and storage of cryogenic gases and liquids. The CryoPen® offers a safe alternative to gas and liquid cryogens.

A 510(k) application with the U.S. Food and Drug Administration (FDA) has been submitted and CIMEX® anticipates approval by the spring of 2002. For additional information regarding the CryoPen® cryosurgical unit, please contact us.

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