



IN STEP WITH

# Capintec

The Newsletter of Capintec, Inc.

FALL 2009

### Index

- 1 SNMSTS Awards Kathy Thomas Presidential Award
- 2 Technical Tips
- 3 CAP-Cell® Isolator
- 4 CapIMAGE™ Camera

## And the Award goes to...



Immediate Past President of the Technologist Section, Mark Wallenmeyer, CNMT, RT(N), awarding Kathy Thomas, MHA, CNMT, PET, of Capintec, Inc the Technologist Section's Presidential Distinguished Service Award.

At the recent 2009 Annual Meeting of the Society of Nuclear Medicine held in Toronto, Kathy Thomas, MHA, CNMT, PET, was awarded the Technologist Section's Presidential Distinguished Service Award. Kathy received the award from Mark Wallenmeyer, CNMT, RT(N), Immediate Past President of the Technologist Section. In his presentation, Mark commented, "while there were many qualified candidates, too many to count, I have chosen a person this year who has gone above and beyond for many years now. She has served on many, many committees, served as chair of many committees and in the past has served as President of the Tech Section."

Kathy received this award because of the work she has done with the Education Committee. As Chair since 2005, Kathy has worked tire-

lessly on the recommendations for Verification of Involvement in Continuing Education (VOICE) guidelines. During the past year alone, her accomplishments include:-

- The Society of Nuclear Medicine Technologist Section (SNMSTS) received the Recognized Continuing Education Evaluation Mechanism (RCEEM) plus status from the American Registry of Radiologic Technologists (ARRT); this enables SNMSTS to offer A+ credits for the new Advanced Associate.
- This committee is charged with reviewing the CE applications that are sent to SNM from various chapters, groups and such. This past year, under Kathy's guidance, the committee has

See Award, Page 3

## Reliability and Dependability

After 40 years and over 25,000 units installed worldwide, still the name that you can trust.



CRC®-25R  
Dose Calibrator

CRC®-25W  
Dose Calibrator

CRC®-25 PET  
Dose Calibrator

### Features on all CRC®-25 calibrators:

- Fast Keypad Menu System
- USB and/or RS232 connectivity
- Plug and Play Chambers
- Optional Remote Displays
- Available CE credits with purchase and training

Count on Capintec with the new CRC-25 Dose Calibrator line: Call a Capintec representative to find out how the CRC-25 series can benefit your department!

# Technical Tips

**Important Note:** To expedite your call to Technical Support (800- 227-6832), please have your Serial Number and Software Version available.

## Well counters (CRC® Units and CAPRAC®):

**Question:** How do I change the counting time on my well counter?

**Answer:** Counting time is displayed at the top center of the screen. The current counting time is highlighted in gray. To change the counting time, simply enter the required time from your keypad. For example, the counting time is currently set for 20 seconds and the desired counting is 60 seconds. Pressing the '6' and '0' key followed by the 'ENTER' key will change the counting time to 60 seconds.

## CRC® Dose Calibrators:

**Question:** How can I display a more accurate reading for activities in the uCi range? My Co-57 source is less than 1 mCi but the display only gives me one decimal point or 0.9 mCi.

**Answer:** To move the decimal point to the right, or 'autoscale' the activity reading, press the '↘' arrow key. Each time this key is depressed, the decimal

point will move one position to the right; thus, displaying a more accurate activity measurement.

**Question:** My I-123 capsule activity never matches the activity reading I get from the radiopharmacy. My radiopharmacy told me that they have a special calibration setting for I-123 capsules. How do I create this on my unit?

**Answer:** This is a two step process. First, you must determine the correct calibration number to match your activity reading to the radiopharmacy. To do this, work with your health physicist and radiopharmacy to perform the following procedure:

- Using the 'CAL#' key, enter the calibration number provided by your radiopharmacy
- Measure the I-123 capsule
- If the activity reading is too low, increase the calibration number. If the activity reading is too high, decrease the calibration number.
- Continue modifying the calibration number until the activity reading matches the known activity of the source
- Record the calibration number.

The second step is to create a new nuclide using the following steps:

- Press the 'UTIL' or 'MENU' key
- Select 'SETUP'
- Select 'OTHER'
- Enter your password (last three numbers of your serial number)
- Select 'ADD NUCLIDE'
- Name the nuclide (remember, you cannot duplicate isotope names so choose a name different for I-123 such as 'IC-123' for I-123 capsule)
- Enter I-123's half-life information (13.22 hours)
- Enter the calibration number determined with the known source of activity.

**Question:** I recently purchased a new dose calibrator. Are there special precautions for disposal of my old dose calibrator?

**Answer:** Yes, dose calibrators have three hazardous waste components: lead, electronic circuitry and a gas chamber which require special handling precautions. Capintec offers a dose calibrator disposal service for a fee of \$300. For additional information, contact Technical Support at 800-227-6832.

**Question:** How can I change a factory installed calibration number on my dose calibrator?

**Answer:** Follow these steps to change the factory installed calibration number:

- Press the 'UTIL' or 'MENU' key
- Select 'SETUP'
- Select 'OTHER'
- Enter your password (last three numbers of your serial number)
- Select 'NUCLIDE'
- Select 'NEW CAL NUM'
- Choose the nuclide via the NUCL key, preset nuclide key or user key
- To change the calibration number select 'Y' (or the 9 key) and enter the new calibration number
- After entering the new number, the original and new calibration number key will be displayed for verification
- Select 'Y' (or the 9 key) to confirm the new calibration number.

**Caution:** Changes/revisions made to factory settings are the sole responsibility of the user. Capintec bears no responsibility for the validation, accuracy and efficacy of changes made. In addition, Capintec assumes no responsibility for changes made to factory settings which may invalidate the calibration of the entire unit and thereby void the product warranty.

If you have questions that you'd like to see published, please contact Kathy Thomas at [kthomas@capintec.com](mailto:kthomas@capintec.com)



CAPRAC Wipe Test/Well Counter

Visit [www.capintec.com](http://www.capintec.com) for more information on any of our products!

Count on Capintec with Our

## **CAP-Cell<sup>®</sup>** **Isolator**



The new Capintec CAP-Cell<sup>®</sup> Isolator is designed to provide a Class 100 clean air environment to meet the new and more stringent requirements of USP <797> for aseptic sterile compounding.

The system incorporates a sealed glove box with transfer chamber, 1/8 inch of lead shielding to front wall, sides, and floor. Additional shielding on the front face provides a full ¼ inch body shield and lead glass view window. Optional ¼ inch available on sides and floor. This is an ideal system for compounding and dispensing injectable Nuclear Medicine radiopharmaceuticals and eliminates the expensive requirement for placement in a Class 10,000 room.

**To learn more about the CAP-Cell<sup>®</sup> Isolator and many other great Capintec products, contact a Capintec representative at 201-825-9500 or toll free at 800-631-3826.**

### **Award, From Page 1**

- reviewed over 600+ VOICE applications.
- Revised the VOICE guidelines due to RCEEM consensus meeting requirements.
- Clarified guidelines for reviewing/approving A+ credit.
- Reviewed and updated the 2007-2010 CE plan.
- Began work on an educational PowerPoint for writing and publishing a scientific paper.

With more than 30+ years in nuclear medicine, Kathy joined the Capintec team in September 2006 as Regional Manager, Applications and Technical Support. She is responsible for the installation, training and support of Capintec's Thyroid Uptake Systems,

the CapIMAGE<sup>™</sup> Gamma Camera and our full line of dose measuring devices. Prior to joining Capintec, Kathy was a Senior Nuclear Medicine Technologist at City of Hope National Medical Center.

Kathy was awarded a Masters of Health Administration from LaVerne University and a BS from California Polytechnic State University. Her professional affiliations include the Society of Nuclear Medicine, Nuclear Medicine Technology Certification Board, and the American Registry of Radiologic Technologists.

Kathy resides on the West Coast and provides support to our customers in that region.

## **Capintec Offers Financing Options**

Capintec understands the needs and current financial restrictions of the medical community. That is why we're offering the most competitive financing solutions available to help you acquire equipment and technologies to help your department grow.

To custom fit a program to match your institution's financial needs, please contact your Capintec representative for more information pertaining to these flexible financing options.

## **Capintec Meeting Schedule**

Sept 23-26	<b>World Molecular Imaging Conference</b> Booth # 509 *Passports are required for this meeting	Montreal, Canada
Sept 25-27	<b>SNM Southeast Regional</b> Booth #28	Birmingham, AL
Oct 1-4	<b>ASNC</b> Booth # 430	Minneapolis, MN
Oct 10-14	<b>EANM</b> Stand # 10 *Passports are required for this meeting	Barcelona, Spain
Nov 6-7	<b>SNM Northeast Regional</b>	Rye Brook, NY
Nov 29-Dec 4	<b>RSNA</b> Booth # 4617	Chicago, IL

### **"In Step With Capintec" Staff**

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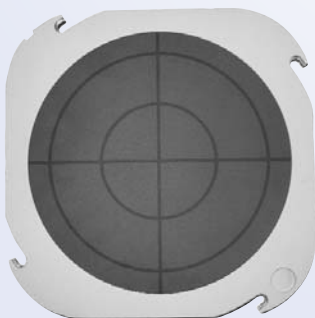
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You can also view us on the web at [www.capintec.com](http://www.capintec.com) under our "News" section

## Capintec Enhances CapIMAGE™ Functionality with Diverging Collimator



CapIMAGE™, Capintec's latest innovative offering is a small field of view gamma camera system ideal for static, dynamic and gated imaging of small organs and body parts including thyroid, parathyroid, bone, selected lymphoscintigraphy and gated cardiac studies. Additionally, the small gantry makes CapIMAGE an excellent camera for pediatric imaging. The diverging collimator enhances the versatility of CapIMAGE by expanding the FOV to accommodate imaging procedures such as gallbladder and gastric imaging studies.

CapIMAGE™ optimizes patient flow and staff utilization by providing an alternative for imaging small organs and time demanding studies; thus, freeing up the large field of view gamma cameras for the more complex procedures such as whole body imaging, SPECT, and SPECT/CT.



**For more information on the CapIMAGE™, call 201-825-9500 or email a Capintec representative today and arrange a product demonstration!**