Radiation Oncology offers the TomoTherapy Hi-Art® Treatment System to treat complex prostate, head and neck, lung, brain gynecological, bone and soft tissue cancers.

Using 3D imaging, the radiation oncologist establishes the precise contours of the tumor to be treated. The doctor then decides how much radiation the tumor should receive, as well as acceptable levels for surrounding structures.

The HiArt Treatment System calculates the appropriate pattern, position and intensity of the radiation beam to be delivered, to match the doctor’s prescription as closely as possible.

The HiArt system allows doctors to take a CT scan just before each treatment. This allows the doctor to verify the position of the tumor and, if necessary, adjust the patient’s position to help make sure radiation is directed right where it should be.

TomoTherapy delivers intensity-modulated radiation therapy (IMRT) with a helical delivery pattern to provide precise, continuous radiation therapy from all angles around the patient.

TomoTherapy treatments are completely painless. A typical course of radiation therapy involves a daily process, Monday through Friday. The number of treatments vary by case. On average each daily treatment takes twenty minutes.

For more information please contact Shushma Patel, Director, Radiation Oncology, at 732.253.3939.

Self-directed patient education module presented at national conference

At the Oncology Nursing Society’s 33rd Annual Congress this past May in Philadelphia, Radiation Oncology’s Jayne Camporeale, RN, MSN, APN-C along with CINJ’s Leah Scaramuzzo, MSN, RN, C, AOCN presented a self-directed learning module for dealing with patient education time constraints.

This patient education tool was developed by Jayne and Leah to assist patients undergoing radiation therapy. The self-learning module discusses radiation treatment in general, anticipated side effects and roles of the health care team. Currently, the module is available only in English, but a Spanish-language version is under development. In addition, the module is being adapted for new surgical oncology patients and for those entering CINJ’s survivorship program.

In Radiation Oncology, the module is currently provided to each patient receiving radiation therapy. It is available in DVD format and can be viewed within the department and/or at the patient’s home. It has enabled improved patient care by facilitating communication between patients and their radiation therapy team.

For more information please contact Jayne Camporeale at 732.253.3939.
Residents’ Corner

The Department of Radiation Oncology’s Residency Site Review Committee visit was successfully completed on May 19, 2008. ACGME Field Staff conducting the review was Thomas Sumner, MD, Professor Emeritus of Radiology, Department of Radiology at Wake Forest University School of Medicine.

The half day program included meetings and interviews with the Program Director, Dr. Bruce Haffty, the Residency Coordinator, Jo-Ella McClennon, various faculty members, and the current complement of Radiation Oncology residents.

Formal notification of the results of the site visit are expected after the upcoming RRC meeting in July 2008.

Special recognition is due Jo Ella McClennon for a superb job of preparing and organizing the site visit.

Dr. Brett E. Lewis presented a poster entitled “Forward IMRT is Better Than Inverse IMRT for Tangents to the Intact Breast.” at American Radium Society Meeting, Laguna Niguel, CA.

Dr. Rahul Parikh presented a poster entitled “The use of a tissue expander to improve the therapeutic ratio of adjuvant radiotherapy for retroperitoneal sarcoma” at the 2008 World Congress of Brachytherapy held in Boston, Massachusetts.

Residents will continue the current rotation schedule through July 4, 2008.

The team format is as follows:

Team A - Drs. Haffty & Gabel, Dorothy Pierce, Matt Poppe
Team B - Drs. Khan & Cohler, Jayne Camporeale, Brett Lewis
Team C - Dr. Jabbour & Sabin Motwani; Dr. Kim & Parima Daroui

SNAPSHOTS
Excerpts of Excellence from the Rad Onc Team

Devora Schiff completed an SAS course at Rutgers University and earned a grade of A! Feel free to contact Devora at 5-9649 if you need to run statistical analyses on your data.

MILESTONES
Radiation Oncology recognizes the following service anniversaries this month and thanks each individual for their dedication and team work:

Satish Jaywant, Ph.D.—4 years
Ning J. Yue, Ph.D.—2 years

Radiation Oncology At Large

Participations/Presentations:

Bruce Haffty, MD American Board of Radiology Oral Examinations in Radiation Oncology. May 30—June 2, 2008


Brett E. Lewis, MD Forward IMRT is Better Than Inverse IMRT for Tangents to the Intact Breast. American Radium Society Meeting, Laguna Niguel, CA. May 2008

Applications:

Bruce Haffty, M.D., PI. BCRF, Total $250,000. May 2008

Bing Xia, PhD, PI. NIH, Total $1,950,000. June 2008

Publications:


Meet the players

Jacqueline Tull, RN, Nurse
Radiation Oncology

Entrepreneur, student, beauty queen, mother, nurse—Jacqueline Tull has been all of the above!

Born and raised in St. James, Barbados, Jackie Tull grew up in a typical West Indian household. School and family always came first, community second, with school (again) rounding out the top three most important things in life.

But that didn’t mean that one couldn’t have fun. And having fun was definitely part of this “people-person’s” agenda. As a young woman, Jackie participated in local beauty contests and represented Barbados at the Miss Interisland Beauty Contest held on the island of St. Vincent. It was an opportunity for her to travel abroad to another Caribbean island. Jackie took first place at the beauty contest that year and captured the title Miss Interisland for Barbados!

Community service brought her to the United States while she was still in high school. Jackie was selected to participate in a summer exchange program to tutor Chicago high school students in mathematics (or maths, as they say in Barbados).

Her visit to the United States left quite an impression on Jackie. When she was offered the opportunity to join American Airlines at its global engineering and maintenance headquarters in Tulsa, Oklahoma, Jackie jumped on it. Jackie loved Tulsa and spent 5 years with American Airlines. But the importance of serving her community was something that was always in the back of her mind.

Returning to her West Indian grounding of school and family, community and school, Jackie transferred her college credits to Middlesex County College and enrolled in the joint UMDNJ/Middlesex County College (MCC) Nursing program, became a registered nurse and passed the nursing boards in 1992. Along the way her daughter was born.

After completing her RN, Jackie joined RWJUH in the Department of Orthopedics. She has worked in orthopedics, in the nursing float pool and as a head nurse. Jackie was recently honored by RWJUH for 15 years of service with the hospital. She joined Radiation Oncology in 2007. Jacqueline also worked as a Hospice Nurse for two years. This involved her spending time with the terminally patient and their families; not only as the RN but also as the listener and the comforter. This enabled her to be present with these families as the patient made that journey to the other side. Jacqueline enjoyed her Hospice experience immensely.

Amidst all of this, Jackie has continued to further her education. She is enrolled in the She is enrolled in Regis University’s BSN to MSN program. True to her upbringing where community service was stressed, Jackie would like to pursue her interest to teach nursing students once she completes her MSN. In particular, Jackie believes that end of life care is not adequately addressed in our society and there is great opportunity for improving the care, delivery of services and quality of service for those facing this issue. She believes that this is an area in which traditional nursing education falls short and where she can bring her experience and education together to improve nursing curriculums.

Her busy life leaves very little time for Jackie to travel back home to Barbados often. However, she keeps in touch with her family there and keeps up to date with all the Bajan news.

During her off-hours, Jackie is also a business-woman running an internet travel franchise. She is a referring travel agent for an on-line travel network which provides travel booking services for travel agencies and home-based independent representatives in the United States, Bermuda, the Bahamas and Canada. Jackie books family vacations, cruises and the occasional lifetime dream trip. For Jackie, a “people-person”, this is another great way to meet people. The residual income isn’t bad either! Jackie hopes to be able to book her own dream trip someday. But that will have to wait until this lifetime learner finishes her master’s degree.

~End.
**New Recruits**

The Department of Radiation Oncology welcomes **Neil Taunk**, to Dr. Bruce Haffty’s lab and **Camille Taylor** to the Radiation Oncology Clinic.

**Neil Taunk** is a Robert Wood Johnson Medical School 2008 Summer Fellow. Neil is a second year student at Robert Wood Johnson Medical School, and has previously worked in neuroscience on spinal cord patterning research. He will be working with molecular markers in breast tumors on tissue microarrays. The Summer Fellows will all present their research at the end of the summer.

**Camille Taylor** is a Radiation Therapist who brings with her 7 years of experience. Camille joins our department from Texas.

Welcome to all!

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**New UMDNJ**

**e-Procurement System for General Stores Orders**

1) Complete a simplified electronic order form (right)

2) E-mail this completed form to the budget officers/business managers for review and approval:
   a. Joy London should receive your request form if the index # you assign on form is a number higher than 561499.
   b. Michael Simms and Len Mayer should receive completed form for all other index #s.
   c. If rush order, call Joy/Mike/Len to alert them.

3) The budget officers/business managers will e-mail the approved order form to this mailbox: Supply_Center@umdnj.edu

4) General Stores will process the order!

Contact Alan Binstein (binstein@umdnj.edu) if you have any questions or problems with the process.
THE DEPARTMENT OF RADIATION ONCOLOGY AT
UMDNJ - RWJMS AND CINJ AND RWJUH

Bruce G. Haffty MD
Professor and Chair

Clinical Radiation Oncology
- Molly Gabel, MD
  Associate Professor and
  Chief, Clinical Radiation Oncology
- Alan Cohler, MD
  Instructor
- Salma Jabbour, MD
  Assistant Professor
- Atif Khan, MD
  Assistant Professor and
  Associate Director, Residency Training Program
- Michael McKenna, MD
  Assistant Professor

Residents
- Sharad Goyal, MD
  Chief Resident PGY-5
- Brett Lewis, MD, PhD
  PGY-3
- Matthew Poppe, MD
  PGY-3
- Parima Daroui, MD, PhD
  PGY-2
- Sabin Motwani, MD
  PGY-2

Radiation Physics
- Ning Jeff Yue, PhD
  Professor, Vice Chair and
  Chief, Radiation Physics
- Satish Jaywant, PhD
  Associate Professor
- Venkat Narra PhD
  Associate Professor

Advance Practice Nurses
- Jayne Camporeale, RN, MSN, APN
- Dorothy Pierce, RN, MSN, APN

Clinical Services at RWJUH
- Shushma Patel, RTT
  Director
- Jiselle Nater
  Operations Manager
- William Witherup
  Chief Therapist
- Ann Marie Maisel
  Therapist
- Susan Resavy
  Therapist
- Mary Kazio
  Therapist
- Krystin Greene
  Therapist
- Melissa Mareth
  Therapist
- Lillian Hosein
  Therapist
- Carie Strauss
  Therapist
- Kevin Finn
  Therapist
- Camille Taylor
  Therapist
- Scott Barnes
  Chief of Dosimetry
- Rihan Davis
  Dosimetrist
- Jacqueline Tull, RN
  Nurse
- Theresa Singley, RN
  Nurse
- Barbara Lee, RN
  Nurse
- Brenda Adell
  Medical Coder
- Terry Blekeski
  Senior Medical Coder
- Shelly Muhanad
  Clinical Coordinator
- Gladys Torres
  Medical Biller
- Azalia Laguna
  Clerk
- Melissa Morales
  Clerical
- Tanya Sharpe
  Receptionist
- Fatimah Ahmed Alfaraj
  Visiting Researcher

Radiation Cancer Biology
- Zhiyuan Shen, MD, PhD
  Associate Professor and
  Chief, Radiation Cancer Biology
- Bing Xia, PhD
  Assistant Professor
- Jingmei Liu
  Research Teaching Specialist I
- Huimei Lu
  Research Teaching Specialist II
- Jingyin Yue
  Graduate Student
- Jinjiang Fan
  Graduate Student
- Yi-Yuan Huang
  Graduate Student
- Devora S. Schiff
  Research Teaching Specialist III
- Jianglin Ma
  Post Doctoral Fellow
- Cosimo Antonacci
  Post Doctoral Fellow
- Hong Cai
  Research Teaching Specialist IV
- Yanying Huo
  Summer Fellow
- Neil Taunk
  Summer Fellow

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  Clinical Department Administrator
- Jo-Ella McClinnon
  Management Assistant
- Odalis Sanchez
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- Rosa Schweighardt
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- Rhonda Lyles
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