Proton therapy provides excellent chance for prostate cancer cure with minimal risk of side effects

Five-year patient outcomes from the University of Florida Proton Therapy Institute

The physicians and researchers at the UF Proton Therapy Institute followed hundreds of prostate cancer patients treated with protons for early-, intermediate- and advanced prostate cancer. At five years, 99 percent of men with early and intermediate disease are cancer free, and 76 percent of men with advanced disease are cancer free.¹ The vast majority of men treated with protons reported excellent quality of life following treatment.

When choosing a prostate cancer treatment, it is important to consider all the options available. Radiation and surgery are the two most common treatments, if a patient is not a candidate for watchful waiting. Part of the decision-making process is to learn each treatment's potential for cure (disease control) and for maintaining a good quality of life after treatment. The following table shows the most current prostate cancer patient outcomes data available for both proton therapy and surgery.

<table>
<thead>
<tr>
<th>Decision Points</th>
<th>Proton Therapy for Prostate Cancer</th>
<th>Surgery for Prostate Cancer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disease Control</td>
<td>99%-76%¹</td>
<td>84%-60%²,³</td>
</tr>
<tr>
<td>Treatment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Major complication rate</td>
<td>1%¹**</td>
<td>28.6%⁴</td>
</tr>
<tr>
<td>Invasive Procedure</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Long Recovery Time</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Fatigue</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>
Community Calendar

Mark your calendar and join us when we are in a town near you.

May 12, 2014
Lifelong Learning Group
Sun City Carolina Lakes
Fort Mill, SC
Speaker: Bradlee Robbert

May 13, 2014, 11:30 a.m.
Kiwanis Club
Laurel Ridge Country Club
49 Cupp Lane
Waynesville, NC 28786
Speaker: Bradlee Robbert

If you would like a speaker to come to a group in your area, click here to send us an email.

About This Newsletter

The Precision newsletter is an electronic-only publication that is distributed by email. Each issue is sent monthly to patients, alumni patients and friends of the University of Florida.

<table>
<thead>
<tr>
<th>30-day mortality rate</th>
<th>0%</th>
<th>0.5%&lt;sup&gt;4&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rehospitalization rate</td>
<td>0% (N/A)</td>
<td>4.5%&lt;sup&gt;4&lt;/sup&gt;</td>
</tr>
</tbody>
</table>

**Side Effects**
Percent of patients who experience a change post treatment

| Incontinence | 0%<sup>1</sup> | 6%-30%<sup>4</sup> |
| Impotence | 34%<sup>1</sup> | 60%-80%<sup>1</sup> |
| Inguinal hernia | 0% (N/A) | 7%-21%<sup>4</sup> |
| Fecal Incontinence | 1.4%<sup>1</sup> | 17%-32%<sup>5</sup> |

*Disease control is defined as freedom from clinical or PSA progression at five years.

**1% per Common Terminology Criteria for Adverse Events (CTCAE) v4.0; 5.3% per CTCAE v3.0


3.7.14 Reviewed by Nancy P. Mendenhall, M.D.

Vote online for UFPTI’s chance to receive a grant for a music therapist

We are in the running to be awarded a grant from the LIVESTRONG Foundation! You can help us win by voting for UFPTI starting March 24 at www.vote.livestrong.org. The voting ends on April 11 at 6 p.m. EST, so please be sure to show your support early and invite your friends to vote, too!

The addition of a board-certified music therapist would further promote healing and well-being in this outpatient environment and
would facilitate relaxation, decrease anxiety and stress, and provide comfort and support for all cancer patients and their caregivers.

Our current artist-in-residence program was kickstarted through a similar grant awarded by the LIVESTRONG Foundation in 2010. Thanks to the votes of patients and friends we were selected for the grant then and hope to repeat that success in 2014.

A new way to get around at UFPTI

Getting around the UF Health Jacksonville campus just got a lot easier thanks to a generous donation of a six-seater golf cart by Lamar and Patricia Canup. They made the donation in honor of their good friend Ott Stephens who recently completed proton therapy for prostate cancer. The cart will be used to transport patients to and from other medical appointments on the UF Health campus. To arrange a ride, check with the patient services team.

Register to run or walk in a 5K to benefit UFPTI

Looking for a fun way to raise funds and awareness of UFPTI? Join us for an inaugural 5K run/walk taking place April 26 on the scenic
campus of the University of Florida in Gainesville. Updates, registration information and details about the run/walk will be available soon at our website www.floridaproton.org and on our Facebook page www.facebook.com/FloridaProton. Please save the date and stay on the lookout for more information.

2014 Physician Changes

A familiar face among our physician team has moved on to another career opportunity, Robert Malyapa, M.D. We appreciate the care and attention he provided to all patients at UFPTI, and we wish him all the best.

Moving forward, appointments for existing patients and new patients with head and neck cancer, base of skull, central nervous system and ocular tumors will be with either Ronny Rotondo, M.D., C.M., F.R.C.P.C., or Roi Dagan, M.D., M.S., as attending physician.

Dr. Rotondo is a radiation oncologist and University of Florida Assistant Professor who specializes in proton therapy for tumors in the base of skull, spine, and central nervous system as well as pediatric malignancies. He is board certified in radiation oncology clinical practice in Canada and is board eligible in the United States. Prior to joining the UF Proton Therapy Institute, he completed his residency training at McGill University in Montreal, Canada. He completed a one year fellowship in proton radiation therapy at the Massachusetts General Hospital - Harvard University primarily focusing on head and neck, skull base, and spine tumors and also completed two years of dedicated fellowship training in pediatric proton radiation therapy at the UF Proton Therapy Institute.

Dr. Dagan is a radiation oncologist and University of Florida Assistant Professor who specializes in proton therapy for tumors in the head and neck, breast and eye. He also directs the UF Metastatic Cancer Program and uses SBRT to treat metastatic lung cancer, breast cancer and prostate cancer. He is board certified in radiation oncology. Prior to joining UF Proton Therapy Institute, he completed his residency training at the University of Florida and served as the Chief Resident Physician in the UF Department of Radiation Oncology. His published clinical research includes articles on proton therapy and IMRT for head and neck cancer and soft tissue sarcoma among others.

As always, you can expect personal attention, expert University of Florida doctors and skilled nurses, therapists and staff to care for you every time you have an appointment.
**Special thanks**

Our heartfelt appreciation goes to the many people who make generous gifts of their talent, financial resources and good will to make the proton therapy experience better for all of our patients.

It was especially heartwarming, for example, when Santa Claus (aka proton alum Joe McGee) returned to UFPTI in early January to bring a special cash donation to benefit the UFPTI for the Children Fund. His surprise visit delighted the many children and their parents that day. They even had a chance to put in an early request for Christmas 2014! The funds he donated were from the Santa gigs he does throughout the year and especially during the Christmas season. Joe lives and works in the Atlanta area, so if you need a Santa during the year, give him a shout at his Facebook Page [www.facebook.com/santajoemcgee](http://www.facebook.com/santajoemcgee) or email him at santajoemcgee@gmail.com.

A caregiver of one of our patients decorated two lovely child-sized rocking chairs for the playroom. Thank you, Carol, for this thoughtful gift that is sure to be a favorite seating choice for our smallest patients, and the envy of our bigger ones!

Thank you Aaron’s iPad Lending Library for donating some amazing iPad covers! We love them. In the words of one of our pediatric nurses, “We love them in the Recovery Room and helps to ensure our iPads stay safe and sound. The kids love them and the fun colors are great!”
Show the love

Patients and caregivers often want a way to show their pride in UFPTI when they return home during and after treatment. We now have official t-shirts and car magnets available for a nominal fee. All proceeds benefit the UFPTI pediatric proton program. For more information or to place an order, contact Bradlee Robbert at brobbert@floridaproton.org.