Precision Therapy. Very low risk of long-term side effects.

Proton therapy is the most advanced form of radiation therapy that precisely targets tumors. Because of this precision, proton therapy significantly reduces the amount of unnecessary radiation that is delivered to surrounding healthy tissues compared to standard X-ray therapies including intensity modulated radiation therapy (IMRT). Proton therapy is effective in treating a broad range of tumors including prostate cancer, brain tumors, head and neck cancers, tumors of the skull base and spine, lung cancer, sarcomas, and most types of pediatric cancers.

Particularly effective in treating prostate cancer.

Most men with prostate cancer are candidates for proton therapy, depending on the stage of the cancer and the general health of the patient. Prostate cancer can be treated with surgery, standard X-ray therapy, or radioactive seed implantation (brachytherapy). However, to minimize damage to the bladder and rectum, which are near the prostate, the total dose of radiation that can be delivered to the prostate cancer is limited.

Proton therapy is the most advanced and precise form of radiation therapy. With protons, a high dose of radiation can be delivered directly to the tumor, while sparing much of the adjacent bladder and rectum from unnecessary radiation. Studies have shown that treatment with proton therapy results in excellent rates of cancer control with very low rates of serious bowel or bladder complications.\(^1\)


Compared to other forms of radiation therapy, proton therapy reduces the amount of radiation given to surrounding critical organs such as the rectum and bladder by as much as 60%.\(^1\) Men treated with proton therapy have a very low risk of long-term side effects.\(^2\)

Prostate cancer treatment with protons.

With proton therapy, the rectum and bladder receive much less radiation compared to X-rays/IMRT.\(^1\) Men treated with proton therapy have a very low risk of long-term side effects such as incontinence and bowel damage.\(^2\)

Grey/white area indicates no radiation exposure.

Prostate cancer treatment with X-rays/IMRT.

With X-rays/IMRT, more healthy tissue around the tumor receives radiation. The extra dose to healthy tissue from modern X-ray therapy can be as much as several hundred thousand dental X-rays.

Colored area indicates radiation exposure.

Grey/white area indicates no radiation exposure.

Source of treatment plans: ProCure Training and Development Center.

Call 888-481-6492 or visit procure.com/nj for more information.
Be prepared when talking to your doctor about your treatment options, including proton therapy.

It is important to consider all of your treatment options before you decide on one. The first step is discussing your options, including proton therapy, with your doctor to determine the best treatment for you. Your doctor may not be as familiar with proton therapy as with other treatment options so be sure to bring this sheet with you.

Below are a few questions to help you discuss proton therapy with your doctor:

- Is proton therapy an option for me? What are the pros and cons?
- How does proton therapy compare with my other options?
- What short-term and long-term side effects or complications can I expect with each treatment option?
- How long would my treatment last—at each appointment and the entire course?
- Where do I go to receive proton therapy?
- Once I have decided on a course of treatment, what are the next steps?

Frequently asked questions:

Can proton therapy be used in conjunction with other forms of cancer treatment?

Yes. Depending on the diagnosis, proton therapy may be used in combination with conventional radiation, chemotherapy, hormone therapy and/or as a follow-up to surgery.

Is proton therapy covered by most insurance plans?

Proton therapy is covered by most insurance providers nationwide and the U.S. Medicare program. The financial counselors at ProCure will work with you and your insurance provider to get you all the coverage information you may need.

What will I feel like during the course of my proton therapy? What are the side effects?

There is no discomfort or sensation during the actual radiation treatment. Most prostate tumor patients have few, or very mild, side effects from proton therapy. If you do experience any side effects they can be managed with medications, if necessary.

Proton therapy is a precise, effective option with fewer side effects than traditional radiation therapy.

To learn more about the benefits of proton therapy or to request a consultation, call our center at:

ProCure Proton Therapy Center in New Jersey
888-481-6492

Visit us on the web using your smart phone.