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For men with prostate cancer, proton therapy offers the best chance of maintaining sexual activity after treatment and lowers the risk of other unpleasant health complications.

Dr. Jiří Kubeš, Ph.D. Medical Director of the Proton Therapy Center Czech

COMPARED TO CONVENTIONAL RADIOTHERAPY, PROTON THERAPY IS A SAFER CHOICE.

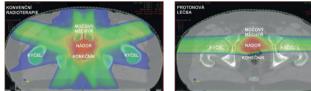
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Due to the physical characteristics of photon beams, there is an unwanted dose of radiation to the rectum and bladder. Photon beams pass all the way through the body and damage healthy tissue on its way. This contributes to the risk of longterm complications such as impotence or rectal bleeding. Our primary goal is your safe return to complete health and to help you maintain your usual lifestyle. Prostate cancer no longer needs to dramatically change your life.

UNIQUE MEDICAL

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Imagine a precise 'pencil-beam' of protons, destroying the tumour, layer-by-layer, with millimetre precision. Radiation exposure to healthy tissue is greatly reduced, and higher doses can be delivered to the tumour itself, further increasing the chance of completely eradicating the cancer.

The precision of Intensity Modulated Proton Therapy (IMPT) used in Prague reduces the dose of radiation to the bladder from 35% down to 10%, thereby greatly reducing the risk of incontinence and bleeding. In addition, the dose of radiation to the rectum is reduced from 52% down to 9%, greatly reducing the risk of proctitis and rectal bleeding.

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The best for life.



Proton Therapy for Men

A Combination that Works! Gentle and Effective Treatment for Prostate Cancer

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Proton Therapy is an effective treatment for prostate cancer that maintains your quality of life fully. The treatment is effective, fast, and will not restrict your usual lifestyle.

SOMETIMES YOU HAVE TO MAKE A CHOICE THAT COULD DRASTICALLY AFFECT THE FUTURE QUALITY OF YOUR LIFE

When diagnosed with prostate cancer the first instinct is generally clear and immediate - to remove the tumour as quickly as possible.

However, it is first of course very important to consider carefully the positives and negatives of each treatment option. Prostate cancer treatment is often associated with a higher risk of long-term side effects, such as impotence and urinary incontinence.

BE AWARE THAT

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Surgery and conventional radiotherapy using photons, can cause serious long-term side effects such as erectile dysfunction, loss of fertility, as well as various forms of urinary incontinence, rectal inflammation and bleeding, and intestinal fibrosis.

Proton therapy targets tumours with incredible accuracy and reduces radiation exposure to healthy tissue by more than 50% compared with conventional photon radiotherapy.

There is no need to give up the activities you enjoy. Find out more information about proton therapy for prostate cancer at The Proton Therapy Center in Prague!



Based on new results from the U.S., approximately 97 percent of patients who received only proton therapy for prostate cancer report that they have not experienced a recurrence of their disease.

The good news for men is that advances in treatment methods and technology have significantly improved treatment outcomes. The superiority of protons is clear, and demand for proton therapy continues to grow throughout the world. For the first time, complex types of cancer can be treated more effectively. In addition, overall treatment times are reduced, the chance of a complete cure is increased - all the while maintaining a high quality of life for patients during and after treatment.

ADVANTAGES FOR PATIENTS:

- Total treatment time takes only 14 days (including initial assessments, and treatment planning)
- 71% less radiation to the bladder and 83% less radiation to the rectum
- 94% chance of maintaining sexual potency after treatment
- Greatly reduced chance of unpleasant complications such as incontinence and bleeding.



PROTON THERAPY TREATMENT – AN EFFECTIVE WEAPON AGAINST PROSTATE CANCER PROTON HERAPY BERNERS

Proton therapy is an effective and painless cancer treatment with virtually no side effect sthat will not restrict your usual everyday activities.

PROTON THERAPY TREATMENT IS SUITABLE FOR:

- The primary treatment of localised or locally advanced prostate cancer
- Adjuvant or salvage radiotherapy after surgery

DURING TREATMENT:

Overall treatment time usually takes between 2 and 5 weeks, depending on the progress of the disease. It takes about 3 minutes to deliver each dose of proton radiation, and each visit to the facility usually lasts no more than 45 minutes. Patients are continuously monitored throughout their treatment cycle by qualified medical professionals. The overwhelming majority of patients report no disruption to their usual daily routine during treatment, and are able to continue working and play sports throughout the treatment process.

Together with gentle treatment, you can take advantage of our modern UROLOGY CLINIC, which focuses on pro-state cancer screening.



"It's more than peace of mind and well-being du-ring a game, you owe it to your loved ones to stay healthy. Don't be shy, gentlemen, get yoursel-ves screened."

Alan Babický, Professional Czech golfer, Golf Arena director

More: www.urology.ptc.cz