

Humlegaarden



Metronomic Treatment of Prostate Cancer

A man from Denmark 70 years old arrives at Humlegaarden at the end of November 2008 with a very advanced prostate cancer.

His prostate cancer was diagnosed in September 2006 with a PSA of 139. Biopsy showed an adenocarcinoma with a Gleason score of 8. Bone scintigraphy showed extensive bone metastases.

He is treated at Skeiby University Hospital with Zoladex (the GnRH agonist goserelin – a gonadotropin releasing hormone) injections every third month and from May 2007 with Zometa (Zoledronic acid) every month. Initially a PSA fall to 29, but thereafter a new rise in PSA is seen: 243 in January 2008, and Casodex (bicalutamide) 150 mg daily was started. At the end of April the PSA is gone up to 669, and the patient is offered Taxotere treatment. However he wants to wait and see.

From the beginning of June he observes blood in his urine, and from the beginning of October he needs blood transfusions every other week. At the end of October he develops a severe bladder-tamponade (the bladder is filled with blood), and an acute cystoscopy is performed, showing that the prostate cancer has grown into bottom of the bladder. The tumor tissue, bleeding diffusely, is coagulated. Now a haematuria-catheter is inserted, and the bleedings continue so he must have blood every other week. 5-alfa reductase treatment with Avodart is commenced October 31st 2008.

He arrives at Humlegaarden on the 26th of November for one weeks stay, and we start him on the new metronomic protocol for prostate cancer, called the KEES protocol. You can read about this protocol on Humlegaardens website www.humlegaarden.com

PSA in the beginning of December had risen to 1524.

He had his last Zoladex injection in November 2008 and his last Casodex tablet in January 2009.

He continues his blood transfusion until the beginning of February 2009, where the bleeding stops. His haemoglobin has been increasing since then.

His PSA has been falling since the start of the KEES protocol: 19.01.09: 577, 13.02.09: 283, and 175 at the end of March 2009.

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Conclusion:

The low dose metronomic KEES protocol for prostate cancer has in this case given a PSA reduction from 1524 to 175 in 3 – 4 months, and the bleeding from the urine bladder stops after 2 months. Again you see a quick and effective response from this very promising treatment.