

Prostate Cancer Treatment

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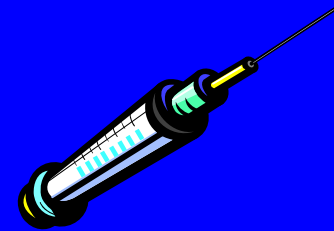
Beth Israel Deaconess Medical Center

Prostate Cancer Treatments

- Hormone Therapy
- Chemotherapy
- Clinical Trials

Hormone Therapy

- Primary treatment
 - newly diagnosed with radiation
 - Lupron, Zoladex, with or w/o antiandrogen(Casodex or Flutamide)
 - average duration 6 months
- Rising PSA (recurrence) after primary treatment of surgery, brachytherapy, or hormones and radiation
 - continuous vs intermittant therapy
- Metastatic disease



Chemotherapy

- Neoadjuvent
 - in Clinical trial
- Metastatic disease-hormone resistant
 - Ketoconazole,Hydrocortisone- non chemo
 - DES- non chemo
 - Taxotere
 - Mitoxantrone
- Clinical Trials-hormone resistant disease

Clinical Trials

- Neoadjuvant
 - high gleason score so at high risk for recurrence
 - chemotherapy,hormones,radiation
 - chemotherapy,hormones,radical prostatectomy
- Rising PSA-no metastatic disease
 - vaccine trial



cont.

- Hormone Resistant-metastatic disease
 - Cougar trial- 2 studies-pills taken daily
 - 1)no prior chemo
 - 2)failed Taxane
 - KHAD
 - Ketoconazole,Hydrocortisone,Avodart
 - Taxotere with Avastin/placebo
 - RAD001- pills taken daily
 - RAD001 with Taxotere

cont.

- Prevention
 - SELECT study
 - Selenium and Vitamin E cancer prevention trial
 - 34,000 men enrolled
 - Prostate cancer incidence is primary endpoint