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Primary Research Interest:	Radiation Oncology
Description of Research:	Radiation Therapy Oncology Group study 0924, Androgen Deprivation Therapy and High Dose Radiotherapy With or Without Whole-Pelvic Radiotherapy in Unfavorable Intermediate or Favorable High Risk Prostate Cancer: A Phase III Randomized Trial, is designed to see whether radiotherapy to the draining lymph nodes of the prostate improves outcomes. Radiation Therapy Oncology Group study 0614 is a randomized, phase III trial of a drug for pervention of conginitive dysfunction in patients receiving whole brain radiotherapy. RTOG 0815 is a phase III prostpective randiomized trial of dose-escalated radiotherapy with or without short-term androgen deprivation therapy for patients with intermediate-risk prostate cancer. RTOG 0617 is a randomized study comparing two doses of radiotherapy in the treatment of nonsmall cell lung cancer RTOG 0831 is a randomized study of whether tadalafil vs placebo helps maintain erection function in patients receiving prostate radiotherapy for cancer.
Relevance to VA:	Many veterans develop cancer and require radiotherapy. The research in which we participate is looking at ways to improve the treatment of such patients.