

Radiation Therapy Oncology Group





nerican College of Radiology



#### RTOG Protocols supported by the ATC (as of June 20, 2005)

- 3D-CRT Protocols (cont.)
  - Developing Protocols
    - <u>RTOG 0415</u>: Phase III study of Hypofractionated 3D-CRT/IMRT versus Conventionally Fractionated 3D-CRT/IMRT in Patients Treated for Favorable-Risk Prostate Cancer
    - <u>RTOG 0521</u>: Phase III study of Androgen Suppression (AS) and Radiation Therapy (RT) vs AS and RT followed by Chemotherapy with Docetaxel and Prednisone for Localized, High-Risk Prostate Cancer





<u>RTOG Protocols supported by the ATC (as of June 20, 2005)</u>

- IMRT Protocols
  - Developing Protocols
    - <u>RTOG 0418</u>: Phase II Study of Intensity Modulated Radiation Therapy (IMRT) to the Pelvis +/- Chemotherapy for Post-Operative Patients with Either Endometrial or Cervical Carcinoma





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#### • IMRT Developing Protocols (cont.)

- <u>RTOG 0529</u>: Phase II Study Trial Evaluating Capecitabline, Cisplatin and IMRT (plus Cetuximab) in Carcinoma of the Anal Canal
- Symptom Management / Chemo Prevention
  - <u>RTOG 0435</u>: Phase III Study Unresectable H&N; IMRT/3D-CRT
- Concepts
  - Phase III Study Hypofractionated Intensity Modulated Radiation Therapy (IMRT) with Incorporated Boost for early Stage Breast Cancer
    - Gary M. Freedman (Radiation Oncology)
  - Phase III Study Trial of Moderate Dose IMRT + Chemotherapy versus Conventional Dose IMRT for Resected Intermediate Risk Head and Neck Cancer
    - Mitchell Machtay, M.D.
  - Phase I/II Study Trial of FDG-PET/CT Guided Intensity Modulated Radiaton of Oropharyngeal Cancer
    - Dian Wang, M.D., Ph.D.





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- Brachytherapy Protocols (cont.)
  - Developing Protocols
    - <u>RTOG 0417</u>: Phase II Study of Iressa in Combination with Definitive RT and Cisplatin Chemo in Locally Advanced Cervical Cancer, Optional Brachy/CT





<u>RTOG Protocols supported by the ATC (as of June 20, 2005)</u>

- SBRT Protocols
  - Developing Protocols
    - <u>RTOG 0438</u>: Phase I Trial of Highly Conformal Radiation Therapy for Patients with Unresectable Hepatobiliary Cancer and Liver Metastases
  - Concepts
    - Phase II Trial of Sterertactic Body Radiation Therapy (SBRT) for Patient with Operable Early Stage Non-Small Cell Lung Cancer
      - Robert D. Timmerman, M.D. (Radiation Oncology)

