

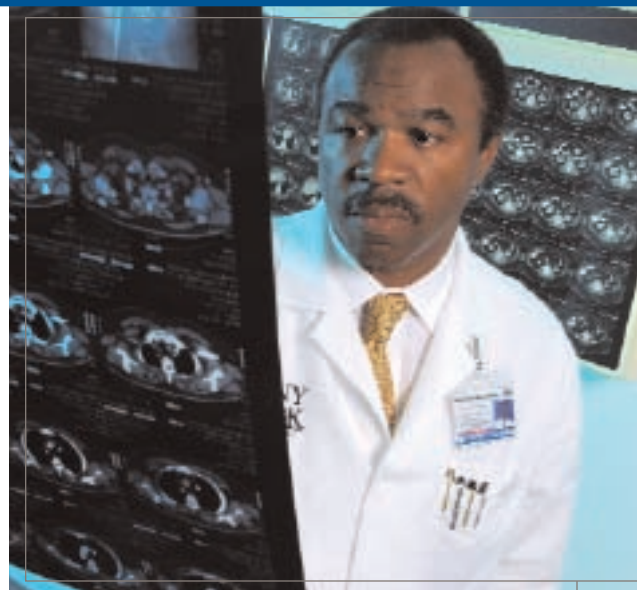
Surgical Oncology

The Division of Surgical Oncology provides comprehensive surgical expertise for patients with cancer. The expertise of a strong faculty is available to children and adults with cancers of the gastrointestinal (GI) tract, including upper GI malignancies (esophagus, stomach, liver, bile ducts and pancreas), carcinomas of the colon and rectum, and malignant melanoma and sarcoma. Pioneering techniques and promising research are greatly advancing care to patients with GI cancers. These include new and powerful imaging technologies that help surgeons remove disease and spare vital tissue, the availability of endo-rectal ultrasound, magnifying endoscope and laparoscopic surgical techniques. The division has recently welcomed oncology surgeons Kephel Patel, MD, Colette Pameijer, MD, and William Smithy, MD.

Program leaders are Martin Karpeh, MD, chief, Surgical Oncology; Thomas Bilfinger, MD, interim chief, Cardiothoracic Surgery; Brian O'Hea, MD, director, Carol M. Baldwin Breast Care Center; Martyn Burk, MD, PhD; Marvin Corman, MD; Colette Pameijer, MD; Kephel Patel, MD; David Rivadeneira, MD; Maisie Shindo, MD; William Smithy, MD; Thomas Lee, MD; Cedric Priebe, MD; and Richard Scriven, MD, Pediatric Surgery.

Patients with malignancies arising in the head and neck region receive care through the Division of Otolaryngology. Surgeons at the hospital's Carol M. Baldwin Breast Care Center provide leading-edge surgical techniques for patients with breast cancer.

Treatment for cancer involves a multimodality approach using surgery as well as chemotherapy and radiation. The Division of Surgical Oncology works closely with Hematology/Oncology and Radiation Oncology Divisions to design and implement new protocols for the treatment of various tumors. New techniques in laparoscopy now afford less invasive surgical alternatives for some select patients with abdominal malignancies and colon and rectal cancers. Treatment for cancer now includes sentinel lymph node biopsy for



breast cancer and malignant melanoma. Since the division has a number of members who have an expertise in sentinel-node detection, active clinical work is being conducted.

Surgeons in the Division of Surgical Oncology are partners of more than fifty protocols activated by the hospital's Institutional Review Board. Many different disease sites with experimental treatments, including breast cancer, colon cancer and melanoma, have been examined. The Surgical Oncology Division participated in the National Institutes of Health-funded research projects on consent for tumor bank tissues. Clinical research includes the American College of Surgeons Oncology Group research protocols, as well as affiliation with the Eastern Cooperative Oncology Group (ECOG) and other national cooperative groups.

Dr. Karpeh viewing a patient's CT scan



LEADERSHIP > VISION > INNOVATION

Cancer Care at Stony Brook University Hospital

**2005
ANNUAL
REPORT**