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Society of Surgical Oncology**PAPERS READ BEFORE THE 39TH ANNUAL MEETING OF THE SOCIETY OF SURGICAL ONCOLOGY,
WASHINGTON, DC, MAY 12 TO MAY 14, 1986—PART I**

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- Increased Expression of the Epidermal Growth Factor Receptor on Human Colon Carcinoma Cells** 1242
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- Ovarian Carcinoma: The Significance of Restaging Laparotomies With Negative Outcomes** 1262
Ronald K. Potkul, MD; Gregorio Delgado, MD; Edmund S. Petrilli, MD; Alice Yageric, MSN, Washington, DC
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- Tumoricidal Effects and Patient Survival After Hyperthermic Liver Perfusion** 1266
Joseph L. Skibba, MD, PhD, Edward J. Quebbeman, MD, PhD, Milwaukee
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- Inhibition of Rat Colon Tumor Isograft Growth With Dequalinium Chloride** 1272
Ronald Bleday, MD; Michael J. Weiss, PhD; Ronald R. Salem, MD;
Richard E. Wilson, MD; Lan Bo Chen, PhD; Glenn Steele, Jr, MD, Boston
This compound, which accumulates in mitochondria of living carcinoma cells, inhibited rat colon tumors.
- Intra-arterial Infusion of Doxorubicin With Degradable Starch Microspheres:
Improvement of Hepatic Tumor Drug Uptake** 1277
Elin R. Sigurdson, MD, PhD, New York; John A. Ridge, MD, PhD, Denver; John M. Daly, MD, Philadelphia
The simultaneous infusion of doxorubicin hydrochloride (Adriamycin) with starch microspheres increased the drug concentration in hepatic tumors.

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Effects of Parenteral Nutrition on Cell Cycle Kinetics of Head and Neck Cancer	1282
Paul L. Baron, MD; Walter Lawrence, Jr, MD; Winnie M. Y. Chan, DrPH; Frances K. H. White; William L. Banks, Jr, PhD, Richmond, Va Patients given parenteral nutrition had a rapid increase in tumor cell cycle kinetics.	
Pregnancy as a Predisposing Factor in Thyroid Neoplasia	1287
Irving B. Rosen, MD, Paul G. Walfish, MD, Toronto In this experience, there was a high incidence of malignancy in thyroid nodules found during pregnancy.	
Multimodal Therapy for Locally Advanced Breast Cancer	1291
Monica Morrow, MD; Albert Braverman, MD; William Thelmo, MD; Chul K. Sohn, MD; Julian Sand, MD; Maximo Mora, MD; Thomas Forlenza, MD; Jose Marti, MD, Brooklyn, NY Tumor size was reduced and limited mastectomy could be done after multimodality therapy.	
Lumpectomy vs Mastectomy: The Costs of Breast Preservation for Cancer	1297
Eric Muñoz, MD, MBA; Felix Shamash, MD; Murry Friedman, MD; Ira Teicher, MD; Leslie Wise, MD, New Hyde Park, NY The total charges for wide, local excision and irradiation were greater than for modified radical mastectomy.	
Intraductal Carcinoma: Analysis of Presentation, Pathologic Findings, and Outcome of Disease	1303
Marlys E. Schuh, MD; Takuma Nemoto, MD; Remedios B. Penetrante, MD; Dutzu Rosner, MD; Thomas L. Dao, MD, Buffalo Intraductal carcinoma with microinvasion was associated with more frequent metastases and death from cancer.	
The Changing Mammogram: A Primary Indication for Needle Localization Biopsy	1311
Morton C. Wilhelm, MD; Ellen S. de Paredes, MD; Thomas Pope, MD; Harold J. Wanebo, MD, Charlottesville, Va Carcinoma was found in 18% of women having biopsies because of a change in subsequent mammograms.	
Imaging of Human Colorectal Adenocarcinoma With Indium-Labeled Anticarcinoembryonic Antigen Monoclonal Antibody	1315
Rosemary B. Duda, MD; J. David Beatty, MD; Khalil Sheibani, MD; Lawrence E. Williams, PhD; Raymond J. Paxton, PhD; Barbara G. Beatty, PhD; John E. Shively, PhD; William G. Vlahos; John L. Werner, MD; M. Margaret Kemeny, MD; William A. Kokal, MD; Daniel U. Riihimaki, MD; Lawrence D. Wagman, MD; Jose J. Terz, MD, Duarte, Calif Tumors visualized by this technique were large and fungating and had a high CEA content, but serum CEA was low.	
Modulation of Estrogen Receptor by Insulin and Its Biologic Significance	1322
Prabir K. Chaudhuri, MD, Chicago; Bina Chaudhuri, MD, Hinsdale, Ill; Nili Patel, Chicago Low insulin levels were associated with loss of estrogen receptors and increased growth rate of tumors.	
Intraoperative Autotransfusion in Urologic Oncology	1326
Ira Klimberg, MD; Ronald Sirois, MD; Zev Wajsman, MD; James Baker, CCT, Gainesville, Fla With a follow-up period of up to 23 months in some cases, autotransfusion did not seem to produce tumor dissemination.	
Improved Survival in Squamous Esophageal Cancer: Preoperative Chemotherapy and Irradiation	1330
Martin B. Popp, MD; Douglas Hawley, MD; Joseph Reising, MD; Gail Bongiovanni, MD; Robert Weesner, MD; Charles J. Moomaw, PhD; Orlando Martelo, MD; Bernard Aron, MD, Cincinnati Survival at 30 months was better for multimodality-treated patients compared with historic controls.	
The Role of Modified Neck Dissection in the Treatment of Cutaneous Melanoma of the Head and Neck	1338
Robert M. Byers, MD, Houston, Tex A modified radical neck dissection is recommended for actual or suspected metastatic melanoma in cervical nodes.	
Serial Determinations of Melanoma Tumor-Associated Antigen and Antibody in Patients With Stage I Melanoma	1342
Jan H. Wong, MD; Rishab K. Gupta, PhD; Donald L. Morton, MD, Los Angeles The presence of melanoma tumor-associated antigen-specific immune complexes increased risk of recurrence.	
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Harold J. Wanebo, MD, Wei Li Fang, PhD, Charlottesville, Va; A. Scott Mills, MD, Alvin M. Zfass, MD, Richmond, Va Screening by primary care physicians was effective and efficient in detecting early neoplastic lesions.	
Doxorubicin Chemotherapy in the Treatment of Soft-Tissue Sarcoma: Combined Results of Two Randomized Trials	1354
Richard E. Wilson, MD, William C. Wood, MD, Boston; Harvey L. Lerner, MD, Philadelphia; Karen Antman, MD; David Amato, PhD; Joseph M. Corson, MD; Karl Proppe, MD; David Harmon, MD; Robert Carey, MD, Boston; Joel Greenberger, MD, Worcester, Mass; Herman Suit, MD, Boston There was no advantage to the use of doxorubicin hydrochloride (Adriamycin) as an adjuvant in the treatment of soft-tissue sarcomas.	

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