

**PAPERS READ BEFORE THE 39TH ANNUAL MEETING OF THE SOCIETY OF SURGICAL ONCOLOGY,
WASHINGTON, DC, MAY 12 TO MAY 14, 1986—PART II**

- Intraperitoneal Administration of Interleukin-2 in Patients With Cancer** 1373
Michael T. Lotze, MD; Mary C. Custer;
Steven A. Rosenberg, MD, PhD, Bethesda, Md
One in seven patients showed marked decrease in metastasis
after intraperitoneal administration of interleukin-2.
- Preoperative Radiation Therapy for Rectal Cancer:
An Effective Therapy in Need of a Clinical Trial** 1380
Gregory A. Fortier, MD; William C. Constable, MB, ChB, DMRT;
Hunter Meyers, MD; Harold J. Wanebo, MD, Charlottesville, Va
Local control of the disease is improved by preoperative radiation therapy.
- Improved Survival in Epidermoid Carcinoma of the Anus in
Association With Preoperative Multidisciplinary Therapy** 1386
Warren E. Enker, MD; Martin Heilwell, PhD; Abbe J. Janov, MPH;
Stuart H. Quan, MD; Gordon Magill, MD; Maus W. Stearns, Jr, MD;
Brenda Shank, MD, PhD; Robert Leaming, MD;
Stephen S. Sternberg, MD, New York
Patients receiving preoperative chemotherapy and irradiation seemed
to have an increased possibility of remaining free of tumor.
- Intraoperative Probe-Directed Immunodetection Using a Monoclonal Antibody** 1391
Patrick J. O'Dwyer, MD; Cathy M. Mojzisek, RN, MS;
George H. Hinkle, RPh, MS; Michael Rousseau; John Olsen, MD;
Steven E. Tuttle, MD; Rolf F. Barth, PhD; Marlin O. Thurston, PhD;
Daniel P. McCabe, MD; William B. Farrar, MD;
Edward W. Martin, Jr, MD, Columbus, Ohio
This technique was helpful in localizing or determining the extent of tumor.
- Extent of Axillary Dissection Preceding Irradiation for
Carcinoma of the Breast** 1395
Gordon F. Schwartz, MD; Domenico M. D'Ugo, MD;
Anne L. Rosenberg, MD, Rome
Metastases to level III nodes or interpectoral nodes alone were rare,
but skip metastases to level II nodes alone were more common.
- Neodymium-YAG Laser:
A New Palliative Tool in the Treatment of Colorectal Cancer** 1399
David J. Russin, MD; Steven R. Kaplan, MD; Robert I. Goldberg, MD;
Jamie S. Barkin, MD, Miami
All patients were kept free from obstruction and bleeding.
- Suppressor Cell Activities in Autologous Human Tumor Systems:
Suppression of Tumor Immunity** 1404
Bijay Mukherji, MD; M. T. Ergin, MD; Amala Guha, MS;
Revati T. Tataka, PhD; Amgad L. Nashed, MD, Farmington, Conn
Autoregulation of the cell-mediated cytotoxic response to
cancer may explain the tolerance of tumor cells in lymph nodes.

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CONTENTS—Continued

Thickness as Prognostic Aid in Upper Aerodigestive Tract Cancer 1410
Condit Moore, MD; James G. Kuhns, MD; Richard A. Greenberg, PhD, Louisville
Thickness, extent of penetration, and bone involvement represented tumor aggressiveness better than surface extent.

Continuous Intrasplenic Interleukin-2 Combined With Antigen-Specific Chemotherapy 1415
Kazuyo Naito, MD, PhD; Neal R. Pellis, PhD; Barry D. Kahan, MD, PhD, Houston
Continuous intrasplenic infusion of IL-2 potentiated the effect of tumor-specific transplantation antigen and cyclophosphamide.

Chemoprevention of Colorectal Neoplasms: Ascorbic Acid and β -Carotene 1421
Thomas A. Collacchio, MD, Vincent A. Memoli, MD, Hanover, NH
Dietary supplements of ascorbic acid decreased carcinogen-induced tumors, but β -carotene had no effect.

Localized, Operable Soft Tissue Sarcoma of the Lower Extremity 1425
Charles Collin, MD; Steven I. Hadju, MD; James Godbold, PhD; Man H. Shiu, MD; Basil I. Hilaris, MD; Murray F. Brennan, MD, New York
Local control of extremity sarcomas requires resection of the tumor with adequate margins.

Tumor DNA Content in Primary and Metastatic Colorectal Carcinoma 1434
William A. Kokal, MD; Rosemary B. Duda, MD; Norio Azumi, MD; Khalil Sheibani, MD; M. Margaret Kemeny, MD; Jose J. Terz, MD; J. Richard Harada, Duarte, Calif
Abnormal DNA content (aneuploidy) in primary colorectal cancer cells was the single most important variable in predicting recurrence and death from the disease.

The Use of the Implantable Chemoinfusion Pump in the Treatment of Hepatic Metastases of Colorectal Cancer 1440
Kenneth P. Ramming, MD, Kathy O'Toole, RN, Los Angeles
Median survival after placement of the pump was ten months.

Prospective Study of Cardiomyopathy Induced by Adjuvant Doxorubicin Therapy in Patients With Soft-Tissue Sarcomas 1445
Stephen E. Ettinghausen, MD; Robert O. Bonow, MD; Sebastian T. Palmeri, MD; Claudia A. Seipp, RN; Seth M. Steinberg, PhD; Donald E. White, MS; Steven A. Rosenberg, MD, PhD, Bethesda, Md
Cardiomyopathy was a significant clinical problem in doxorubicin therapy for sarcomas.

Polar Solvents in the Chemoprevention of Dimethylbenzanthracene-Induced Rat Mammary Cancer 1455
Daniel McCabe, MD; Patrick O'Dwyer, MD; Brenda Sickle-Santanello, MD; Eugene Woltering, MD; Hussein Abou-Issa, MD; Arthur James, MD, Columbus, Ohio
The latency period and doubling times of chemically induced mammary cancers were prolonged by these agents.

The Treated Histories of Patients With Ta Grade 1 Transitional-Cell Carcinoma of the Bladder 1460
George R. Prout, Jr, MD; Barbara Bassil, MD; Pamela Griffin, RN, Boston
The clinical data support the position that superficial transitional cell carcinoma is not a true malignancy.

INDEX TO VOLUME 121 1467

REGULAR DEPARTMENTS

Instructions for Authors See Oct 1986 Issue, p 1105

Index to Advertisers 1372

CORRECTION

Hospital Stay Following Biliary Tract Surgery: A Comparison of Two Community Hospitals 1419
Gregory K. Luna, MD; David M. Heimbach, MD; Hilding Olson, MD;
Jana Hanson, MD, Seattle