

Urologia Internationalis

Founded 1955 by G. Peter A. Narath and Heinrich Heusser
Continued 1968–1987 by G. Mayor

Editor

D. Hauri, Zürich

Assistant Editors

R. Ackermann, Düsseldorf
Y. Aso, Tokyo
G. Bartsch, Innsbruck
F.M.J. Debruyne, Nijmegen
P. Graber, Genève
F. Schröder, Rotterdam

Editorial Board

K.H. Bichler, Tübingen
F. Eisenberger, Stuttgart
H. Frohmüller, Würzburg
R. Hartung, München
R. Hohenfellner, Mainz
H. Klosterhalfen, Hamburg
W. Lutzeyer, Aachen
S. Orikasa, Sendai
T. Sonoda, Osaka
A. Steg, Paris
E. Zingg, Bern

Scientific Board

Anatomy: W. Lierse, Hamburg
Andrology: K. Bandhauer, St. Gallen;
C. Bollack, Strasbourg
Clinical Chemistry: R. Asper, Zürich
Gynecology: S.L. Stanton, London
Imaging Technics: U. Mödder, Düsseldorf
Immunology: J.R. Kalden, Erlangen;
R. Zinkernagel, Zürich
Laser in Urology: A. Hofstetter, München
Lithiasis: W.G. Robertson, Riyadh;
O. Schmucki, Luzern
Microbiology: F. Kayser, Zürich
Nephrology: Ph. Jaeger, Bern
Neuourology and Urodynamics:
J. Nordling, Herlev; A. Rossier, Genf;
E.A. Tanagho, San Francisco, Calif.
Oncology: G. Jakse, Aachen;
D. Oliver, London;
C.G. Schmidt, Essen
Pathology: A. Elbadawi, New York, N.Y.;
M.J. Mihatsch, Basel;
Ph. Heitz, Zürich
Pediatric Surgery:
H. Mildenerberger, Hannover
Physiology: P. Deetjen, Innsbruck
Radiotherapy:
M. Bagshaw, Stanford, Calif.
Renal Transplantation:
K. Dreikorn, Bremen
Virology: H. zur Hausen, Heidelberg

KARGER

.....
 S. Karger
 Medical and Scientific Publishers
 Basel · Freiburg · Paris · London
 New York · New Delhi · Bangkok
 Singapore · Tokyo · Sydney

.....
 Drug Dosage
 The authors and the publisher have exerted every effort to ensure that drug selection and dosage set forth in this text are in accord with current recommendations and practice at the time of publication. However, in view of ongoing research, changes in government regulations, and the constant flow of information relating to drug therapy and drug reactions, the reader is urged to check the package insert for each drug for any change in indications and dosage and for added warnings and precautions. This is particularly important when the recommended agent is a new and/or infrequently employed drug.

.....
 All rights reserved.
 No part of this publication may be translated into other languages, reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, recording, microcopying, or by any information storage and retrieval system, without permission in writing from the publisher or, in the case of photocopying, direct payment of a specified fee to the Copyright Clearance Center (see 'Information for Readers and Subscribers').

© Copyright 1993 by S. Karger AG,
 P.O. Box, CH-4009 Basel (Switzerland)
 Printed in Switzerland on acid-free paper by
 Thür AG Offsetdruck, Pratteln

No. 1

Original Papers

Suppression of Chemotactic Activity of Neutrophils in Hyperosmotic Conditions Comparable to the Renal Medulla: Partial Preservation by Phosphoenolpyruvate	1
Matsumoto, T.; Takahashi, K.; Kubo, S.; Haraoka, M.; Mizunoe, Y.; Tanaka, M.; Ogata, N.; Naito, S.; Kumazawa, J.; Watanabe, Y.	
Multivariate Evaluation of Prognostic Determinants for Renal Cell Carcinoma	6
Takashi, M.; Nakano, Y.; Sakata, T.; Miyake, K.; Hamajima, N.	
Relation between Basement Membrane Degradation and Serum Levels of Laminin P1 in Patients with Transitional Cell Carcinoma of the Bladder	13
Abou Farha, K.M.M.; Menheere, P.P.C.A.; Nieman, F.H.M.; Janknegt, R.A.; Arends, J.W.	
A Proposed Simplified Staging System of Invasive Bladder Tumors	17
Herr, H.W.	
Effect of Different Local and Systemic Therapy upon Urinary Bladder Cytology	21
Borgmann, V.; Al-Abadi, H.; Friedrichs, R.; Nagel, R.	
Effect of Urapidil on Benign Prostatic Hypertrophy: A Multicenter, Double-Blind Study	27
Kawabe, K.; Tsuchida, S.; Shimazaki, J.; Morita, T.; Yasuda, K.; Kageyama, S.	
Immunopathology of Alkaline Phosphatase Isozymes in Seminoma	33
Yamamoto, H.; Uchibayashi, T.; Koshida, K.; Hirano, K.; Hisazumi, H.	
Alterations in the Lipid Composition of Seminal Plasma in Patients with a Chronic Infection of the Urogenital Tract	36
Vignon, F.; Clavert, A.; Cranz, C.; Koll-Bak, M.H.; Reville, Ph.	
Color-Doppler Imaging in Acute Scrotal Disorders	39
Erden, M.I.; Özbek, S.S.; Aytac, S.K.; Adsan, Ö.; Süzer, O.; Safak, S.M.	
Physicochemical Background for Ambiguity of Clinical Recommendations in Treating Phosphate Nephrolithiasis	43
Bilobrov, V.M.; Chugaj, A.V.	

Case Reports

Cystic Adrenal Mass: Pseudocyst Associated with Hemangioma	47
Kato, T.; Nakada, T.; Sasagawa, I.; Yaguchi, H.; Suzuki, H.; Yamaguchi, T.	
A Case of Multilocular Cystic Nephroma	51
Senoh, H.; Kanno, N.; Nonomura, N.; Akai, H.; Takemoto, M.	
Seminal Vesicle Cyst with Ipsilateral Renal Agenesis	54
Rappe, B.J.M.; Meuleman, E.J.H.; Debruyne, F.M.J.	
Polyps of the Prostatic Urethra. Report of Four Cases	57
Ishigooka, M.; Hashimoto, T.; Kodama, C.; Nakada, T.; Katoh, H.	

No. 2

Original Papers

Cell and Tumor Markers' Immunohistochemistry in Transitional Cell Carcinoma of the Bladder	61
Lopez-Beltran, A.; Croghan, G.A.; Croghan, I.; Gaeta, J.F.	
A Hydrodynamic Model of Rabbit Corpus cavernosum Pressure Responses to Vasodilators	65
Lundbeck, P.-E.; Kirkeby, H.J.; Djurhuus, J.C.	
Penile Venous Surgery for Cavernosal Venous Leakage: Long-Term Results and Retrospective Studies	71
Katzenwadel, A.; Popken, G.; Wetterauer, U.	
Sex-Dependent Urolithiasis in the Portacaval Shunt Rat. Part I	77
Schramek, P.; Heidenreich, A.; Engelmann, U.H.	
Incidence and Clinical Features of Renal Tubular Acidosis-I in Urolithiasis	82
Ito, H.; Kotake, T.; Suzuki, F.	
Treatment of Renal Stones in a Solitary Functioning Kidney with Extracorporeal Shock Wave Lithotripsy	86
Karalezli, G.; Müftüoğlu, Y.Z.; Sarica, K.; Yaman, L.S.; Yurdakul, T.; Özdirer, E.	
Self-Catheterization after Urethrotomy. Prevention of Urethral Stricture Recurrence Using Clean Intermittent Self-Catheterization	90
Roosen, J.U.	
Nocturnal Pollakiuria Is a Symptom of Obstructive Sleep Apnea	93
Krieger, J.; Petiau, C.; Sforza, E.; Delanoë, C.; Hecht, M.T.; Chamouard, V.	
Case Reports	
Myocardial Ischemia after Treatment with Methotrexate, Etoposide and Cisplatin	98
Igawa, M.; Kadena, H.; Ohkuchi, T.; Ueda, M.; Usui, T.; Matsuura, H.	
Metastatic Renal Cell Carcinoma to the Bladder	101
Bolkier, M.; Moskovitz, B.; Munichor, M.; Genesin, Y.; Levin, D.R.	
Urethral Carcinosarcoma following Total Cystectomy for Bladder Carcinoma	104
Xu, Y.-M.; Cai, R.-X.; Wu, P.; Jin, N.-T.	
Father-Son Testicular Cancer	108
Yoshimura, K.; Nishimura, K.; Miyoshi, S.; Mizutani, S.; Mise, T.; Iwasa, K.	
Myelolipoma of the Adrenal Gland	111
Perimenis, P.; Giannoulis, S.; Tzanakakis, G.; Asimakopoulou, V.; Melekos, M.; Barbalias, G.	
Benign Polyp with Prostatic-Type Epithelium in the Anterior Urethra Accompanied with Urethral Stricture	114
Sekine, H.; Mine, M.; Kaneoya, F.; Ohya, K.; Ishizaka, K.; Yokokawa, M.	
Submucosal Migration of Ureteric Calculi: Related to ESWL?	117
Vandeursen, H.; Baert, L.	
Malleable Penile Prosthesis Removal Leaving behind the Rear Tip Extenders: A Clinical Presentation	119
Stein, A.; Shotland, Y.; Lurie, A.	

No. 3**Original Papers**

Influence of Immunotherapy (IL2 + LAK + Inhibition of Prostaglandin Synthesis) on Peripheral Blood Immune Parameters and in vitro Cytokine Production in Metastatic Renal Cell Carcinoma	121
Kleinknecht, S.; Bichler, K.-H.; Strohmaier, W.L.	
Effects of Thiols on Prostaglandin Synthesis in Bovine Bladder Epithelium	129
Mimata, H.; Tanigawa, T.; Takeshita, M.; Nomura, Y.; Ogata, J.	
Value of Immunohistochemical Laminin Staining in Transitional Cell Carcinoma of Human Bladder	133
Abou Farha, K.M.M.; Janknegt, R.A.; Kester, A.D.M.; Arends, J.W.	
Intra- and Perivesical Tumor Growth in Preoperative Staging of Bladder Cancer: The Role of Transrectal Ultrasonography and High Resolution Magnetic Resonance Imaging	141
Ruether, U.; Guhl, L.; Schmidt, A.; Stitz, S.; Bader, H.; Nunnensiek, C.; Rassweiler, J.; Eisenberger, F.; Jipp, P.	
Quantification of Prostaglandin E ₁ Receptors in Cavernous Tissue of Men, Monkeys and Dogs	148
Aboseif, S.; Riemer, R.K.; Stackl, W.; Lue, T.; Tanagho, E.	
Spontaneous Passage of Upper Urinary Tract Calculi in Relation to Composition	153
Ohkawa, M.; Tokunaga, S.; Nakashima, T.; Yamaguchi, K.; Orito, M.; Hisazumi, H.	
Studies on Changes in Parameters of the Coagulation and Fibrinolysis in Association with Extracorporeal Shock Wave Lithotripsy	159
Umekawa, T.; Kohri, K.; Yamate, T.; Amasaki, N.; Ishikawa, Y.; Kurita, T.	
Calculus Disease in Duplex System – Role of Extracorporeal Shockwave Lithotripsy	164
Bhatia, V.; Biyani, C.S.	

Case Reports

Splenic Gonadal Fusion with Persistent Müllerian Duct Syndrome	170
Kameoka, H.; Yamada, R.; Sonoda, T.; Okuyama, A.	
Three Cases with Different Types of Short-Tailed Spermatozoa	174
Ohmori, K.; Matsuda, T.; Horii, Y.; Yoshida, O.	
Membranous Lipodystrophy (Nasu's Disease): A Rare Cause of Neuropathic Urinary Incontinence	179
Ishigooka, M.; Hashimoto, T.; Izumiya, K.; Kodama, C.; Nakada, T.	
Zoon's Balanitis	182
Jolly, B.B.; Krishnamurty, S.; Vaidyanathan, S.	

No. 4**Original Papers**

Localization of LAK Cells and IL-2-Stimulated Regional Lymph Node Lymphocytes by Regional Arterial Infusion in Renal Tumor-Bearing Rats	185
Hayakawa, M.; Lubaroff, D.M.; Williams, R.D.; Osawa, A.	
Clinical Prognostic Factors in Transitional Cell Cancer of the Bladder	192
Lipponen, P.K.; Eskelinen, M.; Jauhiainen, K.; Terho, R.; Harju, E.	
MR Angiography of Renal Cell Carcinoma	198
Oka, T.; Morimoto, K.; Shimoi, M.; Tsujimura, A.; Yasunaga, Y.; Matsumiya, K.; Takaha, M.	
Sonography of Urethral Calculi	203
Koga, S.; Shiraishi, K.; Saito, Y.; Arakaki, Y.; Matsuoka, M.	
Zinc, Copper and Oxalocalcic Urolithiasis	205
Grases, F.; Ruiz, J.; Costa-Bauzá, A.; Coll, R.; Conte, A.	
Penile Blood Flow Study in Diabetic Impotence	209
Wang, C.J.; Shen, S.Y.; Wu, C.C.; Huang, C.H.; Chiang, C.P.	
Role of Warm Water Bath in Inducing Micturition in Post-operative Urinary Retention after Anorectal Operations	213
Shafik, A.	
Case Reports	
Unilateral Diffuse Adrenal Hyperplasia Masquerading as Aldosterone-Producing Adenoma in Primary Hyperaldosteronism	218
Sasagawa, I.; Nakada, T.; Hashimoto, T.; Kato, T.; Suzuki, H.; Ishigooka, M.; Kubota, Y.	
A Solitary Renal Mass as the only Manifest Lesion of a B-Cell Lymphoma	223
Yokoyama, M.; Ogi, S.; Takeuchi, M.; Yasukawa, M.; Takahashi, H.; Ueda, N.	
Primary Malignant Melanoma of the Bladder. A Case Report and Literatur Review	226
Lange-Welker, U.; Papadopoulos, I.; Wacker, H.H.	
Massive Prolapsing Orthotopic Ureterocele	229
Goswami, A.K.; Jolly, B.B.; Sharma, S.K.	
Secondary Mucinous Adenocarcinoma of the Prostate in a Patient with Ulcerative Colitis	231
Yamaguchi, S.; Hashimoto, H.; Kaneko, S.; Tokunaka, S.; Yachiku, S.	
Adenocarcinoma in an Ileal Conduit: Recurrence of Bladder Adenocarcinoma	234
Yoneyama, T.; Komatsu, H.; Kiyokawa, H.	
Announcements	
237	
Author Index	
238	
Subject Index	
239	

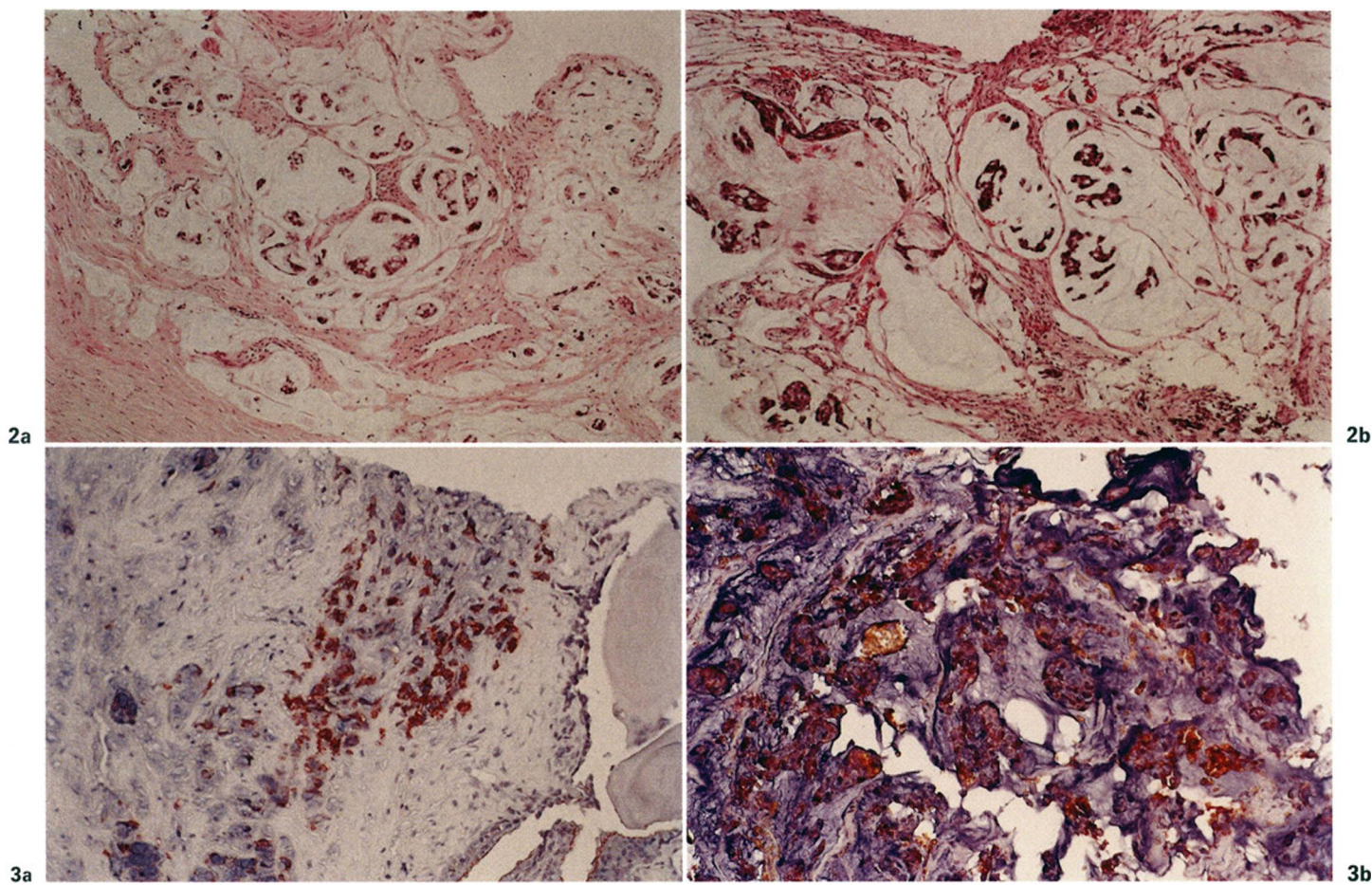


Fig. 2. The mucinous adenocarcinoma component enclosed extracellular lakes of mucin containing tumor cells in a cribriform arrangement, but rarely had a well-formed glandular architecture. The tumor cells had oval- to round-shaped nuclei with eosinophilic cytoplasm. Mitoses were extremely rare. **a** Prostate. **b** Rectum. HE. $\times 25$.

Fig. 3. Immunohistochemical staining for CEA shows intense intracytoplasmic immunoreactivity in tumor cells of mucinous adenocarcinoma. **a** Prostate. **b** Rectum. Streptavidin-biotin technique. $\times 50$.