

Urologia Internationalis

Vol. 46, 1991

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

Editor

D. Hauri, Zürich

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
S. Steg, Paris
E. Zingg, Bern

Assistant Editors

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

Scientific Board

Anatomy: W. Lierse, Hamburg
Andrology: K. Bandhauer, St. Gallen; C. Bollack, Strashourg
Clinical Chemistry: R. Asper, Zürich
Gynecology: S.L. Stanton, London
Imaging Technics: U. Mödder, Düsseldorf
Immunology: J.R. Kalden, Erlangen; R. Zinkernagel, Zürich
Lithiasis: W.G. Robertson, Riyadh; G.A. Rose, London; O. Schmucki, Luzern
Microbiology: F. Kayser, Zürich
Nephrology: Ph. Jaeger, Bern
Neurourology and Urodynamics: J. Nordling, Herlev; A. Rossier, Zürich;
E.A. Tanagho, San Francisco, Calif.
Oncology: D. Oliver, London; C.G. Schmidt, Essen
Pathology: A. Elbadawi, New York, N.Y.; 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 · München · 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 1991 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

VAB-6 Chemotherapy Causes Spurious Elevation of Alpha-Fetoprotein Associated with Liver Dysfunctions Hida, S.; Nishimura, K.; Nishio, Y.; Oishi, K.; Takeuchi, H.; Yoshida, O.	1
Prostate-Specific Antigen in the Follow-Up of Prostatic Adenocarcinoma Treated with External Beam Radiation Kellokumpu-Lehtinen, P.; Nurmi, M.; Koskinen, P.; Irjala, K.	6
Silver-Stained Structures in Prostatic Carcinoma: Evaluation of Diagnostic and Prognostic Relevance by Automated Image Analysis Contractor, H.; Rüschoff, J.; Hanisch, T.; Ulshöfer, B.; Neumann, K.; Schultze-Seemann, W.; Thomas, C.	9
Study of Macrophages in Prostatic Fluid from Nonbacterial Prostatitis Patients. V. Relation between Activation of Macrophages and Stage of Prostatitis (With 1 color plate) Nishimura, T.; Terashima, Y.; Hattori, T.; Satoh, M.; Yoshida, K.; Akimoto, M.	15
Antispermatozoal Autoantibodies and Genital Infection Pradignac, A.; Demand, R.M.; Cranz, C.; Clavert, A.	18
Effect of Vitamin C on Endogenous Formation of N-Nitrosamines in Ureterosigmoidostomy Patients Kälble, T.; Tricker, A.R.; Hoang, J.; Möhring, K.; Schmidt-Gayk, H.; Staehler, G.	22
Combined Extracorporeal Shock Wave Lithotripsy and Percutaneous Alkalinization in Uric Acid Calculi Vandeursen, H.; Pittomvils, G.; Baert, L.	27
Multimodal Therapy for Stones in Pelvic Kidneys Rigatti, P.; Montorsi, F.; Guazzoni, G.; Girolamo, V. di; Consonni, P.; Colombo, R.; Da Pozzo, L.; Bocciardi, A.	29
Gaseous Distension of the Gut during Intravenous Urography Kolawole, T.M.; Suhaibani, A.S.; Patel, P.J.; Malabarey, T.; Hulailah, H.	35
Obstructive Uropathy following Aortofemoral Graft Surgery Gil-Salom, M.; Martinez-León, J.; Maldonado, L.; Chuan, P.; Tejerina, E.; Carbonell, C.	39
Comparison of Lumbar Flank Approach and Transperitoneal Approach for Radical Nephrectomy Sugao, H.; Matsuda, M.; Nakano, E.; Seguchi, T.; Sonoda, T.	43
Nephrectomy Combined with Perioperative Alpha-Interferon in the Treatment of Advanced Local and Minimally Metastatic Renal Cell Cancer Cockerell, O.C.; Oliver, R.T.D.; Nethersall, A.	46
Colocystoplasty for the Treatment of Severe Interstitial Cystitis Kontturi, M.J.; Hellström, P.A.; Tammela, T.L.J.; Lukkarinen, O.A.	50
Long-Term Results of Bladder Neck Incision in Men Krogh, J.; Beuke, H.-P.; Bak Christensen, A.; Hempel Sparsø, B.	55

The 'Bare Area' of the Male Urethra. A New Anatomical Concept Ali Khan, S.; Flcagle, J.J.; Washecka, R.; Wasnick, R.J.; Kandel, L.B.; D'Agostino, J.A.; Siddharth, P.	58
Buried Penis: A Surgical Repair Kubota, Y.; Ishii, N.; Watanabe, H.; Irisawa, C.; Nakada, T.; Chiba, R.; Fujioka, T.	61
Reduction of Sympathetic Influences on Penile Erection by Phentolamine Diederichs, W.; Lue, T.F.	64
Case Reports	
A Case of Simultaneous Contralateral Renal Cell Carcinoma and Ureteral Transitional Cell Carcinoma Adachi, Y.; Kubota, Y.; Irisawa, C.; Watanabe, H.; Ishii, N.; Suzuki, K.; Nakada, T.; Irisawa, S.	67
Chronic Pyelonephritis Masquerading as a Renal Neoplasm Sharma, S.K.; Hemal, A.K.; Basu, A.; Sathaye, U.V.; Bhushnurmah, S.R.	70
Inverted Papilloma of the Renal Pelvis Bassi, P.; Piazza, R.; Milani, C.; Aragona, F.; Oliva, G.; Dalla Palma, P.	73
A Case of Polycystic Kidney Disease with Nephrotic Syndrome Nakahama, H.; Inoue, T.; Kakihara, M.; Takama, T.; Mikami, H.; Orita, Y.; Kamada, T.	77
Ureteroscopic Removal of Ureteral Calculi in Bilateral Ureteral Duplications Migliari, R.; Usai, E.	79
Orbital Metastases from Transitional-Cell Cancer of the Urinary Bladder Felip, E.; Rovirosa, M.A.; Salud, A.; Capdevila, F.; Bellmunt, J.; Giralt, J.	82
Urinary Schistosomiasis with Cutaneous Lesions Romero, J.A.; Alvarez-Vijande, R.; Gutierrez, R.; Fernández, I.; Alcover, J.; Mallafré, J.M.; Carretero, P.	85
Successful Repair of Huge Bladder Diverticulum with a Transurethral Fulguration. Report of a Case Adachi, M.; Nakada, T.; Suzuki, H.; Hirano, J.; Kawamura, S.; Ishii, N.; Watanabe, H.; Kaneko, H.; Ishigooka, M.	87
Solitary Retrovesical Neurofibroma Extending to the Perineal Region Hasui, Y.; Osada, Y.; Kitada, S.; Nakayama, K.; Komada, N.; Koono, M.	90
Pelvic Lipomatosis in a Female: Diagnosis and Initial Therapy Hönecke, K.; Butz, M.	93
Supratrigonal Ectopic Prostate: Case Report and Review of the Literature Richter, S.; Saghi, N.; Nissenkorn, I.	96
Seminal Vesiculitis due to <i>Mycobacterium gastri</i> Leading to Male Infertility Indudhara, R.; Das, K.; Sharma, M.; Vaidyanathan, S.	99

Incomplete Testicular Feminization Syndrome. A Case Occurring in a Family with Frequent Hypospadias Matsumoto, T.; Yamashita, H.; Kimiya, K.; Ueda, T.; Kumazawa, J.	101	Assessment of the Long-Term Results of Ileocecal Conduit Urinary Diversion Matsuura, T.; Tsujihashi, H.; Park, Y.-C.; Kunikata, S.; Mitsubayashi, S.; Nagai, N.; Kanda, H.; Kataoka, K.; Kaneko, S.; Iguchi, M.; Kohri, K.; Akiyama, T.; Kurita, T.	154
Bilateral Leydig Cell Tumors and Male Infertility: Case Report Kondoh, N.; Koh, E.; Nakamura, M.; Namiki, M.; Kiyohara, H.; Okuyama, A.; Sonoda, T.	104	Natural β -Interferon- and Androgen Receptors in Prostatic Cancer Cells Sica, G.; Fabbroni, L.; Dell'Acqua, G.; Iacopino, F.; Marchetti, P.; Cacciatore, M.; Pavone-Macaluso, M.	159
Spontaneous Intratesticular Haemorrhage Ovesen, P.; Mommsen, S.	107	Dietary Factors and Prostatic Cancer Bravo, M.P.; Castellanos, E.; Rey Calero J. del	163
Neurofibroma of the Clitoris. A Case Report Nishimura, K.; Sugao, H.; Sato, K.; Okuyama, A.; Sonoda, T.	109	Treatment of Symptomatic Metastatic Prostatic Cancer with Cyproterone Acetate versus Orchiectomy: A Prospective Randomized Trial Ostri, P.; Bonnesen, T.; Nilsson, T.; Frimodt-Møller, C.	167
Familial Occurrence of Congenital Stricture of Bulbar Urethra Aragona, F.; Maio, G.; Oliva, G.; Calabrò, A.; Ostaro, E.; Artibani, W.	112	Intraprostatic Spiral during Waiting Time for Transurethral Prostatectomy Poulsen, A.L.; Ovesen, H.; Nielsen, K.K.; Kromann-Andersen, B.; Nordling, J.	172
Primary Malignant Melanoma of Male Urethra with Fistula Formation Morita, T.; Suzuki, H.; Goto, K.; Hirota, N.; Tokue, A.	114	Acute Effect of Norfenefrine on the Urethral Pressure Profile in Females with Genuine Stress Incontinence Jørgensen, L.; Lose, G.; Alexander, N.	176
Transitional Cloacogenic Carcinoma of the Female Urethra Treated with External Irradiation and Afterloading with Cobalt-60 Henriksson, C.; Friberg, L.G.; Pettersson, S.; Johansson, S.L.	116	Identification of Collagens in the Human Testis Takaba, H.; Nagai, T.; Hashimoto, J.; Yamamoto, M.; Miyake, K.	180
Neurological Erectile Dysfunction Secondary to Intradural Paraganglioma of the Cauda equina Khan, S.A.; Iliya, A.R.; Washecka, R.M.; D'Agostino, J.A.; Wasnick, R.J.	119	Phospholipase A Activity in Seminal Plasma of Men Attending an Infertility Clinic Jansson, Å.; Ronquist, G.; Frithz, G.	184
		Multiparametric Evaluation of Testicular Atrophy Due to Varicocele Küpeli, S.; Arıkan, N.; Aydos, K.; Aytac, S.	189
No. 2		Intracavernous Injection of Prostaglandin E: The Application to Cavernosography and Penile Blood Flow Measurement for the Diagnosis of Venogenic Impotence Ishigooka, M.; Irisawa, C.; Watanabe, H.; Adachi, M.; Ishii, N.; Nakada, T.	193
Review		Case Reports	
Nonbacterial Prostatitis: A Comprehensive Review Rosette, J.J.M.C.H. de la; Debruyne, F.M.J.	121	Ultrasonography and Computed Tomography in Adrenal Myelolipoma Ayuso, J.R.; Ayuso, C.; Bru, C.; Vilana, R.; Bianchi, L.; Gilabert, R.	197
Original Papers		Hemangioma of the Kidney Jahn H.; Rasmussen, L.; Nissen, H.M.	200
Age Factor in Compensatory Hypertrophy of the Kidney Evaluated by ^{99m}Tc -DTPA Renography Chou, Y.-H.; Hsu, C.P.	126	Page Kidney: A Curable Form of Arterial Hypertension. Case Report and Review of the Literature Aragona, F.; Artibani, W.; Calabrò, A.; Villi, G.; Cisterino, A.; Ostaro, E.	203
Reflux Nephropathy: A Clinico-Pathological Study of 16 Cases Gil-Salom, M.; Sánchez, C.; Chuan, P.; Morell, L.; Clar, F.	129	Unilateral Extended Amyloidosis of the Renal Pelvis and Ureter: A Case Report Sparwasser, C.; Gilbert, P.; Mohr, W.; Linke, R.P.	208
Effect of Intraperitoneal Sterile Urine Injection on Abdominal Myoelectrical Activity in the Spinal Rat Model Gil-Salom, M.; Garcia-Granero, E.; Garcia-Granero, M.; Chuan, P.; Epsi, A.	135	Extracorporeal Shock Wave Lithotripsy for Calcified Ureteral Catheter Smet, G.; Vandeursen, H.; Baert, L.	211
In vivo Measurement of Force in the Ureter. I. Basics of a New Measurement Principle Pohl, J.; Dambacher, U.; Marx, G.	140	Iliac Artery-Ureteral Fistula Associated with an Indwelling Ureteral Stent Zweers, H.M.M.; Driel, M.F. van; Mensink, H.J.A.	213
Evaluation of the Invasive Potential of Superficial Bladder Cancer by Adenosine Triphosphate Measurement Koiso, K.; Nemoto, R.; Ohtani, M.; Uchida, K.; Shimazui, T.; Noguchi, R.; Hattori, K.; Miyanaga, N.; Shiraiwa, H.; Iwasaki, A.	145	Ultrasonic Diagnosis and Transurethral Incision of Ureterocele with Hydronephrosis Waadegaard, P.; Miskowiak, J.; Stage, P.	215
Clinical Manifestation of Human T-Cell Lymphotropic Virus Type-I-Associated Myelopathy and Vesicopathy Imamura, A.; Kitagawa, T.; Ohi, Y.; Osame, M.	149		

Diabetes insipidus due to Pituitary Metastasis from Bladder Cancer	
Kawamura, J.; Tsukamoto, K.; Yamakawa, K.; Tazima, K.; Tochigi, H.	217
Postprostatectomy Lithiasis	
Haddad, F.S.; Chinichian, A.	221
Balloon Dilatation for Entire Urethral Stricture	
Nishiyama, T.; Go, H.; Takashima, A.; Kawakami, Y.; Takeda, M.; Sato, S.	232
Kaposi's Sarcoma of the Penis as an Initial Urological Manifestation of AIDS. A Report of Two Cases	
Angulo, J.C.; Lopez, J.I.; Unda-Urzaiz, M.; Larrinaga, J.R.; Zubiaur, C.L.; Flores, N.C.	235
Laser Denudation as Treatment for Diffuse Epithelial Dysplasia of the Glans Penis	
Wishnow, K.I.; Ro, J.Y.	238

No. 3

Urologic Malignancies: Quality of Life Issues

Introduction	
Tanagho, E.A.; Carroll, P.R.	245
Quality of Life: How Is It Measured and Defined?	
Breslin, S.	246
Pain Management for Urological Malignancies	
McKay, W.R.	252
Impotence after Radical Pelvic Surgery: Physiology and Management	
Lue, T.F.	259
Nerve Sparing and Continence Preservation during Radical Prostatectomy	
Narayan, P.	266
The Value of Screening for Prostatic Carcinoma: A Commentary	
Hinman, F., Jr.	275
Organ Preservation in the Management of Pelvic Rhabdomyosarcoma	
Massad, C.A.; Kogan, B.A.; Ablin, A.R.	279
Use of the Ileocecal Segment for Bladder Substitution or Continent Urinary Diversion	
Carroll, P.R.; McAninch, J.W.	283
Surveillance for Clinical Stage I Nonseminomatous Testis Carcinoma: Rationale and Results	
Stephenson, R.A.	290
Stage A Nonseminomatous Testis Carcinoma: Rationale and Results of Nerve-Sparing Retroperitoneal Lymphadenectomy	
Foster, R.S.; Donohue, J.P.; Bihrl, R.	294

Assessment of Risk in Metastatic Testis Carcinoma: Impact on Treatment	
Bajorin, D.F.; Geller, N.L.; Bosl, G.J.	298
Use of Biological Response Modifiers for Management of Renal Cell Carcinoma	
Wilkinson, M.; Aronson, F.	304

No. 4

Original Papers

Endopyelotomy for Treatment of Ureteropelvic Junction Obstruction	
Naito, S.; Yamaguchi, A.; Tanaka, M.; Kimiya, K.; Matsumoto, T.; Kumazawa, J.; Hara, S.	309
In vivo Measurement of Force in the Ureter. 2. Influence of Urinary Flow	
Pohl, J.; Dambacher, U.; Sulke, J.; Holzknicht, A.	313
25 Years of Experience in the Reconstruction of the Efferent Urinary Tract with Ileum	
Rothauge, C.F.; Jarrar, K.; Weidner, W.	318
Plasminogen Activator in Cultured Cells of Human Undescended Testis	
Okuyama, A.; Koh, E.; Kondoh, N.; Nakamura, H.; Namiki, M.; Kiyohara, H.; Sonoda, T.	324
Urethrorectal Fistulas Complicated by Posterior Urethral Stricture: An Appraisal of Management by Transpubic Approach	
Hemal, A.K.; Sharma, S.K.; Goswami, A.K.	329
Male Urethral Calculi	
Hemal, A.K.; Sharma, S.K.	334
Significance of the Intracavernosal Pharmacological Injection Test, Pharmacocavernosography, Artificial Erection and Cavernosometry in the Diagnosis of Venous Leakage	
Rudnick, J.; Bödecker, R.; Weidner, W.	338
Single-Dose Fosfomycin Trometamol (Monuril) versus Multiple-Dose Norfloxacin: Results of a Multicenter Study in Females with Uncomplicated Lower Urinary Tract Infections	
Jong, Z. de; Pontonnier, F.; Plante, P.	344

Case Reports

Evaluation with MR Imaging of Leiomyoma of the Bladder	
Tomoe, H.; Okumura, T.; Nakamura, M.; Toma, H.; Ishikawa, H.; Kohno, A.	349
Benign Mixed Mesenchymal Tumor of the Spermatic Cord	
Takashi, M.; Koshikawa, T.; Sakata, T.; Murase, T.; Miyake, K.	352
Author Index	356
Subject Index	359

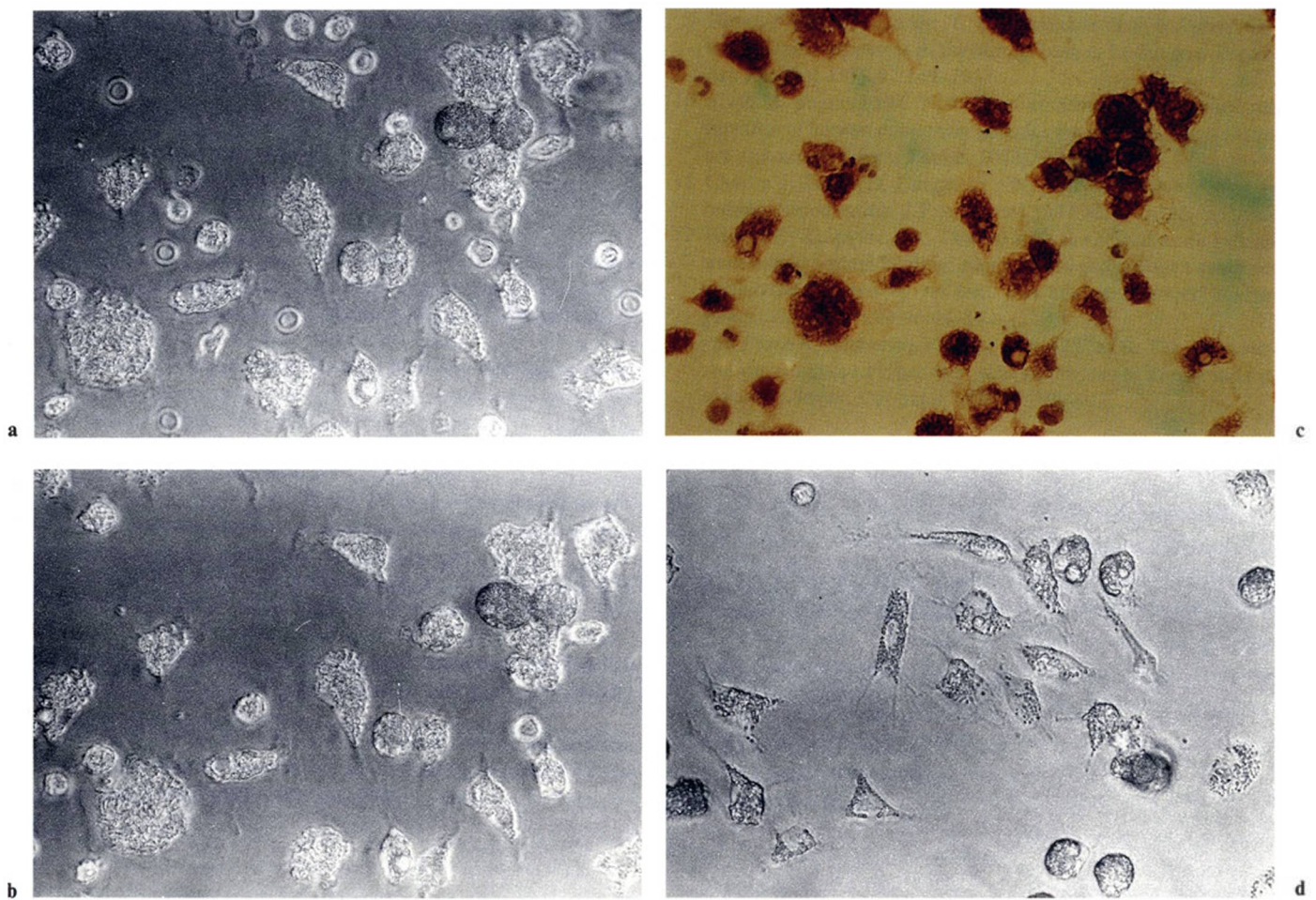


Fig. 1. Typical spreading of macrophages from case 10 in group I of NBP. **a** Before washing. $\times 400$. **b** After washing (same field as **a**). **c** After nonspecific esterase staining (same field as **a**). Adherent polymorphonuclear leukocytes were also observed. **d** Different field of same specimen before washing.