

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
H.J. Leisinger, Lausanne
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: P. Groscurth, Zürich
Andrology: C. Bollack, Strasbourg;
W. Weidner, Giessen
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: O. Schmucki, Luzern;
M. Butz, Paderborn
Microbiology: F. Kayser, Zürich
Nephrology: Ph. Jaeger, Bern
Neurourology and Urodynamics:
J. Nordling, Herlev; A. Rossier, Genf;
E.A. Tanagho, San Francisco, Calif.
Oncology: G. Jakse, Aachen;
D. Oliver, London; A. Rübber, Essen;
C.G. Schmidt, Essen
Pathology: A. Elbadawi, New York, N.Y.;
M.J. Mihatsch, Basel; Ph. Heitz, Zürich
Pediatric Surgery:
H. Miltenberger, 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 1995 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

Grosshadern Prize

Grosshadern Prize for Innovative Research in Urology 1994 Hauri, D.	1
Androgen Receptor Alterations in Patients with Disturbances in Male Sexual Development and in Prostatic Carcinoma Klocker, H.; Neuschmid-Kaspar, F.; Culig, Z.; Cato, A.C.B.; Hobisch, A.; Eberle, J.; Cronauer, M.V.; Hittmayr, A.; Radmayr, C.; Überreiter, S.; Glatzl, J.; Bartsch, G.	2
Regulation of Prostatic Smooth Muscle Contractility by Intra- cellular Second Messengers: Implications for the Conservative Treatment of Benign Prostatic Hyperplasia Eckert, R.E.; Schreier, U.; Drescher, P.; Madsen, P.O.; Derouet, H.; Becht, E.; Steffens, J.; Ziegler, M.	6
Flow Cytometric DNA/Cytokeratin Analysis of Bladder Lavage: Methodical Aspects and Clinical Implications Liedl, Th.	22

Original Paper

Morphological and Functional Changes in Canine Kidneys fol- lowing Extracorporeal Shock-Wave Treatment Jaeger, P.; Redha, F.; Marquardt, K.; Uhlschmid, G.; Hauri, D.	48
---	----

Case Report

Testicular Metastasis of Cerebral Malignant Lymphoma Buchholz, N.-P.; Huber-Buchholz, M.-M.; Stähelin, J.	59
Announcements	60

No. 2

Original Papers

A Free Smooth Muscle Graft for a Continent Urinary Conduit in Dogs Kato, H.; Kobayashi, S.; Kawakami, M.; Khaleque, M.A.; Muraishi, O.; Ikado, S.; Ogawa, A.	61
Electrovesicography in Interstitial Cystitis Shafik, A.	66
Pitfalls in the Detection of Urinary Extravasation following Major Urinary Tract Reconstructive Surgery Leibovitch, I.; Raviv, G.; Ben-Chaim, J.; Mor, Y.; Avigad, I.; Goldwasser, B.	70
Clinical Value of Argyrophilic Organizer Region in Bladder Transitional Cell Carcinoma Shiina, H.; Shirakawa, H.; Yokogi, H.; Kishi, H.; Mizutani, M.; Igawa, M.; Ishibe, T.	74

Preliminary Results of Methotrexate, Etoposide and Cisplatin in the Treatment of Urothelial Cancer Igawa, M.; Kadena, H.; Tacho, T.; Nakamoto, T.; Usui, T.	80
---	----

Effect of MPL 9000 Extracorporeal Shock Wave Lithotripsy on Renal Hemodynamics and Urine Flow: Assessment by ^{99m} Tc-DTPA Renal Scintigraphy Naito, S.; Yoshida, T.; Ogata, N.; Ichiya, Y.; Koga, H.; Kotoh, S.; Masuda, K.; Kumazawa, J.	85
---	----

Chemical Compositions of 300 Lower Urinary Tract Calculi and Associated Disorders in the Urinary Tract Takasaki, E.; Suzuki, T.; Honda, M.; Imai, T.; Maeda, S.; Hosoya, Y.	89
---	----

Long-Term Follow-Up of Renal Morphology and Function in Children after Lithotripsy Sarica, K.; Küpei, S.; Sarica, N.; Göğüş, O.; Kılıç, S.; Sarıbaş, S.	95
---	----

Case Reports

Adult Wilms' Tumor: Case Report, Management, Prognosis Weichert-Jacobsen, K.; Papadopoulos, I.; Skrzek, C.; Wand, H.	99
---	----

Retroperitoneal Ewing's Sarcoma Oya, M.; Nakashima, J.; Ishii, T.; Nakamura, K.; Hata, J.-I.; Tazaki, H.	104
---	-----

Covered and Duplicate Exstrophy with Duplication of Blad- der, Urethra, Vagina and Dextrocardia: A Case Report Mullick, S.; Jolly, B.B.	107
---	-----

Testicular Dermoid Cyst in a 10-Year-Old Child: Case Report and Discussion of Etiopathogenesis, Diagnosis, and Treatment Wegner, H.E.H.; Herbst, H.; Loy, V.; Dieckmann, K.-P.	109
--	-----

Renal Papillary Necrosis Caused by Urinary Calculus-Induced Obstruction Alone Sekine, H.; Mine, M.; Ohya, K.; Kojima, S.; Yokokawa, M.	112
--	-----

Paratesticular Inflammatory Pseudotumor Beatty, M.E.	115
---	-----

No. 3

Original Papers

Imaging of Renal Cell Carcinoma with Gadolinium-Enhanced Magnetic Resonance: Radiological and Pathological Study Scattoni, V.; Colombo, R.; Nava, L.; Da Pozzo, L.; De Cobelli, F.; Vanzulli, A.; Del Maschio, A.; Freschi, M.; Rigatti, P.	121
--	-----

Detection and Monitoring of Simple Renal Cysts with Com- puted Tomography Tsugaya, M.; Kajita, A.; Hayashi, Y.; Okamura, T.; Kohri, K.; Kato, Y.	128
--	-----

Use of Dynamic Two-Dimensional Transesophageal Echo- cardiography for Renal Cell Carcinoma with Cavoatrial Tumor Thrombus Eyre, R.C.; Hurley, L.J.; Burger, A.J.; Lewis, K.P.	132
--	-----

Evaluation of Cellular Immunity following Bacillus Calmette-Guérin Therapy in Patients with Superficial Bladder Cancer Sarica, K.; Baltaci, S.; Bedük, Y.; Süzer, O.; Kiliç, S.; Müftüoğlu, Y.Z.; Göğüş, O.	137
Acute Hemorrhagic Cystitis Caused by Adenovirus after Kidney Transplantation Yagisawa, T.; Nakada, T.; Takahashi, K.; Toma, H.; Ota, K.; Yaguchi, H.	142
Radiation-Induced Carcinoma of the Penis Ravi, R.	147
Muscarinic Cholinergic Receptor Subtypes in Human Detrusor Muscle Studied by Labeled and Nonlabeled Pirenzepine, AFDX-116 and 4DAMP Kondo, S.; Morita, T.; Tashima, Y.	150
Clinical Efficiency of Type-IV Collagen in Extracorporeal Shock Wave Lithotripsy Umekawa, T.; Yamate, T.; Amasaki, N.; Kurita, T.	154
When Is the Indication of Percutaneous Chemolysis Justified? Heimbach, D.; Winter, P.; Hesse, A.	157
Negotiating Ureteral Stenoses and Kinks with a Hydrophilic Wire Hofmann, R.; Pickl, U.; Hartung, R.	162
Case Reports	
Successful Pregnancy after Microfertilization with Epididymal Sperm Retrieved by Micropuncture Technique in the Patient with Congenital Absence of the Vas deferens Yamamoto, M.; Hibi, H.; Miyake, K.; Fukugaki, H.; Suganuma, N.	165
Renal Cell Carcinoma Presenting as a Large Abdominal Mass with an Extensive Peritoneal Metastasis Stavropoulos, N.J.; Deliveliotis, Ch.; Kouroupakis, D.; Demonakou, M.; Kastriotis, J.; Dimopoulos, C.	169
Juxtaglomerular Cell Tumor: Importance of Clinical Suspicion Baert, J.; Van Damme, B.; Oyen, R.; Van Poppel, H.; Baert, L.	171
Unipapillary Kidney: A Case Report Jolly, B.B.; Jolly, M.	175
Giant Staghorn Ureteral Calculus Hemal, A.K.; Sharma, D.K.; Sood, R.; Wadhwa, S.N.	177
Leiomyoma, of the Female Urethra Selli, C.; Dal Canto, M.; Campani, D.; Bartoletti, R.; De Benedetto, A.	179

No. 4

Original Papers

Nuclear DNA Ploidy Pattern and Tissue Levels of Dihydro-phenylalanine and Catecholamines in Pheochromocytoma Sasagawa, I.; Nakada, T.; Kubota, Y.; Ishigooka, M.; Sawamura, T.; Suzuki, Y.	181
Establishment of a New Human Urinary Bladder Mixed carcinoma Cell Line UMK-1 and Its Cell-Density-Dependent Secretion of Gelatinases and Tissue Inhibitor of Metalloproteinase-1 Muraoka, K.; Nabeshima, K.; Kataoka, H.; Kishi, J.; Kono, M.	184
Epithelial Differentiation Antigens and Epidermal Growth Factor Receptors in Transitional Cell Bladder Carcinoma: Correlation with Prognosis Nakopoulou, L.; Zervas, A.; Constantinides, C.; Deliveliotis, C.; Stefanaki, K.; Dimopoulos, C.	191
Benign Prostatic Hypertrophy Affects the Endothelin Receptor Density in the Human Urinary Bladder and Prostate Kondo, S.; Morita, T.; Tashima, Y.	198
Effects of Magnesium Ions on Detrusor Contraction in Rat Kato, T.; Saito, M.; Kondo, A.	204
Effect of Ethyl Icosapentate on Urinary Calcium Excretion in Calcium Oxalate Stone Formers Ito, H.; Kotake, T.; Nomura, K.	208
A Clinical Study of Upper Urinary Tract Calculi Treated with Extracorporeal Shock Wave Lithotripsy: Association with Bacteriuria before Treatment Shigeta, M.; Hayashi, M.; Igawa, M.	214
Densitometric and Biochemical Alterations in Bony Tissue Induced by Ureterosigmoidostomy Minervini, R.; Felipetto, R.; Cecchi, M.; Viganò, L.; Fiorentini, L.; Ciampi, M.I..	217
The Importance of Dose Intensity in Chemotherapy of Advanced Testicular Cancer Miyanaga, N.; Akaza, H.; Hattori, K.; Takeshima, H.; Koiso, K.	220
Castration-Induced Lymphocytosis in Prostate Cancer: Possible Evidence for Gonad/Thymus Endocrine Interaction in Man Oliver, R.T.D.; Joseph, J.V.; Gallagher, C.J.	226

Case Report

Renal Angiomyolipoma Composed Primarily of Smooth Muscle Element: Diagnostic Considerations Ohkawa, M.; Kadoya, M.; Nonomura, A.	230
Author Index Vol. 54, 1995	234
Subject Index Vol. 54, 1995	235