

CONTENTS

50th Volume Editorials



Puigvert: A Man with a Vision—Nephron-Sparing Surgery 30 Years Ago in Europe 175

Z. Kirkali

Random Biopsies in Bladder Tumors: In Most Cases, You Shall Not! 186

A.R. Zlotta

Editorials



Volume Matters—but It Should be Measured Well! 194

P. Albers

The Surgical Treatment of Peyronie's Disease 196

D.J. Ralph

The Positive Surgical Margin after Radical Prostatectomy—Why do we Still not Really Know What it Means? 199

M. Graefen

Systematic Prostate Biopsies Are More And More Often Becoming Saturation Biopsies 202

V. Scattoni

Bladder Carcinogenesis, in Search of Clues and Genes 205

C. Bangma, G. Jenster

Renal Cell Carcinoma with Inferior Vena Cava Invasion: An Orphan Disease? 208

J.-J. Patard

Antimuscarinics and Cognitive Function 211

D. De Ridder

α -Blocker Treatment of Urolithiasis 213

M.C. Michel, J.J.M.C.H. de la Rosette

Treatment of Erectile Dysfunction with Chronic Dosing of Tadalafil 215

C.G. McMahon

Reviews



Outcomes Research: A Methodologic Review 218

P.I. Karakiewicz, A. Briganti, F.K.-H. Chun, L. Valiquette

An explosion of outcomes research has occurred in the past few decades. Wide access to information technology, and data sharing and collaborative efforts between researchers represent some of the ingredients that fueled the growth and will continue to do so.

Improving Efficacy of Intravesical Chemotherapy 225





J.P. Burgués Gasión, J.F. Jiménez Cruz

[Editorial Comments by R.J. Sylvester and by R. Colombo]

Despite intravesical chemotherapy being used prophylactically to treat superficial bladder tumours, the recurrence rate is still high. Numerous researchers have focused on improving the effectiveness of intravesical instillations. This paper reviews the most relevant findings published recently.

	Surgical Treatment of Peyronie's Disease: A Critical Analysis	235
	<i>A. Kadioglu, T. Akman, O. Sanli, L. Gurkan, M. Cakan, M. Celtik</i> [Editorial Comment by E.W. Hauck]	
	Patients with Peyronie's disease with good erectile capacity are candidates for reconstructive surgery. Implantation of penile prosthesis with or without remodeling should be considered in patients without adequate erectile capacity.	
Surgery in Motion	Radical Cystectomy and Orthotopic Bladder Replacement in Females	249
	<i>U. Nagele, M. Kuczyk, A.G. Anastasiadis, K.-D. Sievert, J. Seibold, A. Stenzl</i>	
	The present article describes urethra-sparing cystectomy and orthotopic urinary diversion in female patients. Precise knowledge regarding anatomy and physiology are mandatory for a successful surgical technique, which will result in improved oncological and functional outcome and quality of life.	
Prostate Cancer	The Actual Value of the Surgical Margin Status as a Predictor of Disease Progression in Men with Early Prostate Cancer	258
	<i>A.N. Vis, F.H. Schröder, Th.H. van der Kwast</i>	
	The surgical margin status after radical prostatectomy for prostate cancer has long been considered a powerful prognostic factor, as well as an important risk factor for local recurrent disease after radical prostatectomy.	
	Needle Core Length is a Quality Indicator of Systematic Transperineal Prostate Biopsy	266
	<i>V. Ficarra, G. Martignoni, G. Novella, M.A. Cerruto, A. Galfano, G. Novara, M. Pea, W. Artibani</i>	
	Transperineal prostate biopsy allows for a good prostate sample. The length of the needle cores fulfils the parameters of quality required by pathologists for an appropriate evaluation of the biopsy specimen.	
	Is Pelvic Lymph Node Dissection Necessary in Patients with a Serum PSA < 10 ng/ml Undergoing Radical Prostatectomy for Prostate Cancer?	272
	<i>M.C. Schumacher, F.C. Burkhard, G.N. Thalmann, A. Fleischmann, U.E. Studer</i> [Editorial Comments by P. Karakiewicz and by M. Graefen; Reply by U.E. Studer]	
	Positive nodes are found in 25% of patients with clinically localized prostate cancer, a PSA < 10 ng/ml and a Gleason score ≥ 7 in the prostatectomy specimen. In these patients an extended PLND including the nodes along the internal iliac vessels seems warranted.	
	The Choice Between a Therapy-Induced Long-Term Symptom and Shortened Survival Due to Prostate Cancer	280
	<i>T. Hopfgarten, J. Adolfsson, L. Henningsohn, E. Onelöv, G. Steineck</i>	
	Men with prostate cancer vary dramatically in their willingness to accept a side effect to prolong life; >70% of the men place themselves in one of the two extreme answering categories. Few men were willing to accept fecal leakage.	
Bladder Cancer	Gene Expression in Normal Urothelium Depends on Location within the Bladder: A Possible Link to Bladder Carcinogenesis	290
	<i>S.C. Doherty, S.R. McKeown, J.A. Lopez, I.K. Walsh, V.J. McKelvey-Martin</i>	
	Overall, this study suggests significant altered gene expression between two anatomically distinct areas of the normal human bladder that show differential sensitivity to carcinogenesis. Of particular note is Seladin-1, whose exact role in cancer is yet to be defined.	
Kidney Cancer	Surgical Care, Morbidity, Mortality and Follow-up after Nephrectomy for Renal Cancer with Extension of Tumor Thrombus into the Inferior Vena Cava: Retrospective Study Since 1990s	302
	<i>J. Rigaud, J.-F. Hetet, G. Braud, S. Battisti, L. Le Normand, P. Glemain, G. Karam, O. Bouchot</i> [Editorial Comment by M. Kuczyk]	
	Renal cancer with extension into the inferior vena cava requires a multidisciplinary approach, particularly if the tumor thrombus extends above the sus-hepatic veins. Utilisation of cardiopulmonary bypass increases operative security, which reduces risks of embolism and haemorrhage without augmentation of morbidity or mortality.	
Neuro-urology	Safety of MRI at 1.5 Tesla in Patients with Implanted Sacral Nerve Neurostimulator	311
	<i>M.S. Elkelini, M.M. Hassouna</i> [Editorial Comment by K. Everaert]	
	This article presents a group of patients with implanted sacral neurostimulator who underwent MRI examinations. Results of long-term follow-up studies are shown in addition to a comprehensive review of the potential hazards of performing MRI in implanted patients.	

	Differential Effects of the Antimuscarinic Agents Darifenacin and Oxybutynin ER on Memory in Older Subjects	317
	<i>G. Kay, T. Crook, L. Rebeda, R. Lima, U. Ebinger, M. Arguinzoniz, M. Steel</i>	
	Darifenacin, a muscarinic M3 selective receptor antagonist, showed no significant effects on memory in older subjects, whereas oxybutynin ER caused significant memory deterioration (delayed recall), compared with placebo. Results also demonstrate that changes in memory went unnoticed by subjects.	
Female Urology - Incontinence	Incidence and Remission of Female Urinary Incontinence Over 6.5 Years: Analysis of a Health Screening Project	327
	<i>C. Wehrberger, C. Temml, A. Ponholzer, S. Madersbacher</i>	
	This 6.5-yr longitudinal study of 441 women demonstrates that urinary incontinence is dynamic and not necessarily progressive. This is the longest longitudinal study to date showing a mean annual cumulative incidence rate of 3.9% and a remission rate of 2.9%.	
	Five-Year Outcomes of the Tension-Free Vaginal Tape Procedure for Treatment of Female Stress Urinary Incontinence	EU•ACME 333
	<i>C.K. Doo, B. Hong, B.J. Chung, J.Y. Kim, H.C. Jung, K.-S. Lee, M.-S. Choo</i>	
	TVT procedure is effective for the treatment of stress and mixed urinary incontinence and may have an obstructive effect on voiding and may reduce maximal flow rate, which improves over time. Concomitant overactive bladder symptoms also improved in many patients.	
Stone Disease	Corticosteroids and Tamsulosin in the Medical Expulsive Therapy for Symptomatic Distal Ureter Stones: Single Drug or Association?	339
	<i>F. Porpiglia, D. Vaccino, M. Billia, J. Renard, C. Cracco, G. Ghignone, C. Scoffone, C. Terrone, R.M. Scarpa</i>	
	The use of steroids during medical expulsive therapy for distal ureteral stones is efficient only when administered together with tamsulosin, whereas tamsulosin on its own can be considered as an alternative treatment for patients in whom steroid therapy is not suitable.	
Andrology	Sonographic Quantitative Evaluation of Scrotal Veins in Healthy Subjects: Normative Values and Implications for the Diagnosis of Varicocele	345
	<i>A. Cina, M. Minnetti, T. Pirroni, M.V. Spampinato, A. Canadè, G. Oliva, D. Ribatti, L. Bonomo</i>	
	[Editorial Comments by G.R. Dohle and by K.B. Lim, G. Brock]	
	The clinical significance of moderately dilated veins or reflux detected by CDUS should be carefully considered. Quantitative criteria presently in use for sonographic diagnosis of clinical and subclinical varicocele may lead to a high number of false-positive findings.	
Sexual Medicine	Evaluation of the Efficacy and Safety of Once-a-Day Dosing of Tadalafil 5 mg and 10 mg in the Treatment of Erectile Dysfunction: Results of a Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial	EU•ACME 351
	<i>H. Porst, F. Giuliano, S. Glina, D. Ralph, A.R. Casabé, A. Elion-Mboussa, W. Shen, J.S. Whitaker</i>	
	Once-a-day tadalafil 5 and 10 mg significantly improved erectile function and patients were compliant with this dosing regimen. Once-a-day tadalafil was well tolerated. Tadalafil taken once a day may be an attractive alternative for some men to on-demand therapy for ED.	
	Baseline Potency in Candidates for Bilateral Nerve-Sparing Radical Retropubic Prostatectomy	360
	<i>A. Salonia, G. Zanni, A. Gallina, A. Saccà, M. Sangalli, R. Naspro, A. Briganti, E. Farina, M. Roscigno, L.F. DaPozzo, P. Rigatti, F. Montorsi</i>	
	The baseline sexual function characteristics are assessed of patients with clinically localized prostate cancer, who are candidates for a bilateral nerve-sparing radical retropubic prostatectomy to (1) objectively rate the preoperative patient's self-reported subjective erectile function and (2) investigate possible correlations between preoperative erectile function and demographic data and comorbidities.	
Pediatric Urology	The Two-Stage Repair for Severe Primary Hypospadias	366
	<i>N.S. Johal, T. Nitkunan, K. O'Malley, P.M. Cuckow</i>	
	[Editorial Comment by W. Rigamonti]	
	The two-staged repair has to be proved a reliable and reproducible technique with a low complication rate in a difficult cohort of hypospadias patients. Excellent cosmetic results with a slit-like meatus can be anticipated.	

Case Study of the Month		Nonseminomatous Germ Cell Tumor after Chemotherapy with Residual Mass Invading the Spine <i>R.K. Berglund, S.P. Lyden, E.C. Tsai, I. Lieberman, E.A. Klein</i>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">EU•ACME</div> 372
Previous Month's Discussion and Answer		Neoplasia of the Kidney—a Rare Event During Pregnancy: Part 2 <i>O. Bettendorf, S. Bierer, G. Köhler, H.-J. Piechota, R.M. Mesters, W. Klockenbusch</i>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">EU•ACME</div> 375
Open to Debate		The Motion: There is Evidence That Prostate Cancer Screening Does More Good Than Harm For the Motion: <i>F.H. Schröder</i> Against the Motion: <i>P. Albertsen</i>	377
Words of Wisdom		Re: Abdominal Sacrocolpopexy with Burch Colposuspension to Reduce Urinary Stress Incontinence <i>B.L.H. Bemelmans</i>	381
		Re: Tissue-Engineered Autologous Bladders for Patients Needing Cystoplasty <i>O.W. Hakenberg</i>	382
		Re: Radical Cystectomy after Bacillus Calmette-Guérin for High-Risk Ta, T1 and Carcinoma In Situ: Defining the Risk of Initial Bladder Preservation <i>J.A. Carballido</i>	383
		Re: Immediate or Deferred Androgen Deprivation for Patients with Prostate Cancer Not Suitable for Local Treatment With Curative Intent: European Organisation for Research and Treatment of Cancer (EORTC) Trial 30891 <i>C. Selli</i>	384
		Re: Influence of Blood Transfusions during Radical Retropubic Prostatectomy on Disease Outcome <i>J.A. Carballido</i>	385
		Re: Incidence of Late-Relapse Germ Cell Tumor and Outcome to Salvage Chemotherapy <i>A. Heidenreich</i>	386
		The Top Ten	388
		Early Release	389
		Congress Calendar	390