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	<i>F. Liedberg, W. Månsson</i>	
	Fractionating the lymphadenectomy specimen increases the lymph node count. In node-negative patients, more meticulous and extended lymph node dissection (8–16 nodes or to the aortic bifurcation) probably improves disease-free survival by removing undetected micrometastases. Lymph-node positive patients should also be offered radical cystectomy.	
	Reinnervation for Neurogenic Bladder: Historic Review and Introduction of a Somatic-Autonomic Reflex Pathway Procedure for Patients with Spinal Cord Injury or Spina Bifida	22
	<i>C.-G. Xiao</i>	
	[Editorial Comment by Karl-Dietrich Sievert]	
	Reinnervation for neurogenic bladder was investigated for decades without substantial progress. Xiao's procedure for a somatic-autonomic reflex is a revolutionary breakthrough which demonstrates that somatic motor axons can regenerate into autonomic nerves and that patients with SCI or spina bifida are able to achieve bladder control and voluntary voiding one year postoperatively.	
	Evaluating Preference Trials of Oral Phosphodiesterase 5 Inhibitors for Erectile Dysfunction	30
	<i>J.P. Mulhall, F. Montorsi</i>	
	The role of preference studies in general is unclear as their utility in clinical practice can be questioned. To be considered valid however, all such studies need to adhere to the strict guidelines outlined in this paper, the most important of which are formal randomization, strict double-blinding and comparison of equivalent doses.	
Surgery in Motion	Open Retropubic Nerve-Sparing Radical Prostatectomy	38
	<i>M. Graefen, J. Walz, H. Huland</i>	
	Nerve-sparing radical prostatectomy has experienced a dynamic technical refinement in the last years. The most important steps for achieving satisfying functional results are explained in addition to an evaluation of cancer control rates and results on postoperative continence and potency.	
Prostate Cancer	Extended 12-Core Prostate Biopsy Increases Both the Detection of Prostate Cancer and the Accuracy of Gleason Score	49
	<i>A.A. Elabbady, M.M. Khedr</i>	
	[Editorial Comment by Armin Pycha]	
	TRUS-guided sextant biopsy may not detect all cases of prostate cancer. Gleason score undergrading on needle biopsy is not uncommon. The 12-core biopsy significantly and safely increases both the detection rate of prostate cancer and accuracy of biopsy Gleason score.	
	Failure to Achieve Castration Levels in Patients Using Leuprolide Acetate in Locally Advanced Prostate Cancer	54
	<i>O.E. Yri, T. Bjoro, S.D. Fossa</i>	
	[Editorial Comment by G. Aus]	
	Not all prostate cancer patients achieve serum castration levels when treated with LHRH-analogues. Serum testosterone levels should be assessed during treatment, in particular during treatment with leuprolide acetate, and when the malignancy is defined as “hormone resistant”.	

Bladder Cancer

Detection of Immune Responses Against Urinary Bladder Cancer in Sentinel Lymph Nodes 59*P. Marits, M. Karlsson, A. Sherif, U. Garske, M. Thörn, O. Winqvist*

Immunological investigation of lymphocytes from sentinel lymph nodes draining invasive bladder cancers revealed reactivity against autologous tumour extract. Sentinel node detection offers a unique possibility to investigate the immune response against bladder tumours, with implications for future immunotherapy.

Urinary Hyaluronan as a Marker for the Presence of Residual Transitional Cell Carcinoma of the Urinary Bladder 71*C.C. Passerotti, A. Bonfim, J.R.M. Martins, M.F. Dall'Oglio, L.O. Sampaio, A. Mendes, V. Ortiz, M. Srougi, C.P. Dietrich, H.B. Nader*

The take home message is that Urinary Hyaluronan can be included as a marker for residual bladder cancer showing a sensitivity of 93%, specificity of 83%, positive predictive value of 61.9% and negative predictive value of 97.5%

Kidney Cancer

Interferon alpha 2b as Medical Selection for Nephrectomy in Patients with Synchronous Metastatic Renal Cell Carcinoma: A Consecutive Study 76*A. Bex, M. Kerst, H. Mallo, W. Meinhardt, S. Horenblas, G.C. de Gast*

In primary metastatic renal cell cancer absence of progression at metastatic sites following IFN- α with the tumor in place may be used as selection for nephrectomy. The risk of progression of the primary tumor to irresectability during immunotherapy is low.

BPH

BXL628, A Novel Vitamin D3 Analog Arrests Prostate Growth in Patients with Benign Prostatic Hyperplasia: A Randomized Clinical Trial 82*E. Colli, P. Rigatti, F. Montorsi, W. Artibani, S. Petta, N. Mondaini, R. Scarpa, P. Usai, L. Olivieri, M. Maggi*

BXL628 arrests prostate growth in BPH patients through a novel, non-antiandrogen mechanism of action. The efficacy of a 3 months treatment was statistically significant with a favourable tolerability profile and lack of sexual side effects.

Holmium Laser Enucleation of the Prostate (HoLEP): The Endourologic Alternative to Open Prostatectomy EU*ACME 87*E.A. Elzayat, M.M. Elhilali*

Holmium Laser Enucleation of the prostate with intravesical morcellation can be performed on any size prostate with shorter hospital stay, less bleeding even in anticoagulated patients, No hyponatremia and no Mortality. This should be offered as the alternative to open simple prostatectomy.

Medical Consumption and Costs during a One-Year Follow-up of Patients with LUTS Suggestive of BPH in Six European Countries: Report of the TRIUMPH Study 92*N.J.A. van Exel, M.A. Koopmanschap, J. McDonnell, C.R. Chapple, R. Berges, F.F.H. Rutten, TRIUMPH Pan-European Expert Panel*

One-year follow-up in six European countries of incident and prevalent patients with LUTS suggestive of BPH showed that medical consumption and associated treatment costs vary considerably across countries. Treatment costs were moderate (€858 per patient/year), three quarters concerned medication costs.

Laparoscopy

Nerve Sparing Endoscopic Extraperitoneal Radical Prostatectomy- Effect of Puboprostatic Ligament Preservation on Early Continence and Positive Margins 103*J.-U. Stolzenburg, E.N. Liatsikos, R. Rabenalt, M. Do, G. Sakelaropoulos, L.C. Horn, M.C. Truss**[Editorial Comments by Bertrand Guillonnet and by Jens J. Rassweiler]*

Puboprostatic ligament-sparing nerve sparing endoscopic extraperitoneal radical prostatectomy improves early continence after surgery, without hindering the final oncological outcome of the procedure.

Laparoscopic Radical Prostatectomy - the Experience of the German Laparoscopic Working Group 113*J. Rassweiler, J. Stolzenburg, T. Sulser, S. Deger, J. Zumbé, G. Hofmockel, H. John, G. Janetschek, J.-L. Fehr, M. Hatzinger, M. Probst, K.-H. Rothenberger, V. Poulakis, M. Truss, G. Papken, J. Westphal, U. Alles, P. Fornara*

Laparoscopic radical prostatectomy has become an accepted alternative in the management of localized carcinoma of the prostate. In Germany, currently 30 % of the centers offer this technique to their patients. Based on dedicated training programs provided by the German laparoscopic working group, this difficult procedure could be safely introduced into clinical routine.

Transcapsular Adenectomy(Millin): A Comparative Study, Extraperitoneal Laparoscopy versus Open Surgery 120*F. Porpiglia, C. Terrone, J. Renard, S. Grande, F. Musso, M. Cossu, F. Vacca, R.M. Scarpa*

When large volume prostates are treated, open adenectomy is today the Gold Standard. However, in the future the laparoscopy, which appears to be a viable alternative, could contribute in making open surgery disappear as it happens in advanced laparoscopic centers.

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	<i>M.B. Mariano, M.V. Tefilli, T.M. Graziottin, C.M.P. Morales, I.H. Goldraich</i> [Editorial Comment by Jens Uwe Stolzenburg]	
	Laparoscopic prostatectomy is a method of treatment for benign prostatic hyperplasia with larges adenomas. The technique allows the patients to have a shorter convalescence with quickly return to normal activity, lower blood loss and more rapid removal of urinary catheter.	
Female Urology	Peri-Operative Complications and Pain After the Suburethral Sling Procedure for Urinary Stress Incontinence: A French Prospective Randomised Multicentre Study Comparing the Retropubic and Transobturator Routes	133
	<i>E. David-Montefiore, J.-L. Frobert, M. Grisard-Anaf, J. Lienhart, K. Bonnet, C. Poncelet, E. Darai</i>	
	Suburethral sling procedure by transobturator route for the treatment of stress urinary incontinence in women is associated with less intraoperative complications and lower postoperative pain than by retropubic route.	
Sexual Medicine	New Perspectives of Penile Enhancement Surgery: Tissue Engineering with Biodegradable Scaffolds	139
	<i>S.V. Perovic, J.-S. Byun, P. Scheplev, M.L. Djordjevic, J.-H. Kim, T. Bujanj</i>	
	Penile widening using autologous tissue culture technique is the new method. Bidegradable scaffolds are used as a carrier for transplantation of cultured fibroblasts into the penis. The method is simple, safe and efficient. Complications are minor and easily treatable without additional surgery.	
Infections	Value of Counting White Blood Cells (WBC) in Semen Samples to Predict the Presence of Bacteria	148
	<i>J. Lackner, G. Schatzl, S. Horvath, C. Kratzik, M. Marberger</i> [Editorial Comment by Wolfgang Weidner]	
	The correlation between Leukocytospermia and Bacteriospermia in infertile male is poor, especially in patients lacking an infection. However, when leukocyte count for the detection of bacteria in semen samples is used, the best cut off level might be 0.50 Mio/mL leukocytes.	
Pediatric Urology	Urothelial Differentiation in Vesicoureteric Reflux and Other Urological Disorders of Childhood: A Comparative Study	154
	<i>M.A.E. Garthwaite, D.F.M. Thomas, R. Subramaniam, J. Stahlschmidt, I. Eardley, J. Southgate</i>	
	The urothelial differentiation-specific uroplakin genes have been suggested as candidate VUR genes on the basis of mouse knockout studies. This study found no alteration in the expression of differentiation antigens in urothelium from patients with primary VUR, indicating that there is no gross disruption of the urothelial differentiation programme underlying the development of VUR in man.	
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	<i>M. Inoue, K. Tomizawa, M. Matsushita, Y.-F. Lu, T. Yokoyama, H. Yanai, A. Takashima, H. Kumon, H. Matsui</i>	
	p53 protein transduction using poly-arginine effectively delivers p53 protein into bladder cancer cells and suppresses the proliferation of bladder cancer cells. Moreover, the transurethral protein transduction method effectively and specifically transduces exogenous proteins in bladder tumors in vivo.	
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	The altered ratio of two genes located on the short and long arm of chromosome 8 determined by a standardized PCR technique allowed discrimination of organ-confined and advanced stage prostate carcinomas even better than an assay for global DNA hypomethylation.	
	Lack of Prophylactic Effect of Incadronate on Skeletal Lesions Associated with Implants of Prostate Cancer	176
	<i>A. Hikosaka, M. Futakuchi, T. Ogiso, S. Suzuki, K. Kohri, T. Shirai</i>	
	Incadronate inhibited progression of skeletal lesions caused by rat prostate cancer but not its establishment. Bisphosphonate might not be a chemopreventive agent against bone metastasis of prostate cancer although it is promising for the treatment of prostate cancer-induced skeletal lesions.	
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