SCIENTIFIC PROGRAM

Tuesday, August 24, 1999

8:30–9:00 am Opening Ceremony

9:00–10:45 am ICS Plenary Session (Session 1)
New Developments in Urodynamics

9:00 1 COUGH LEAK POINT PRESSURE (CLPP)—DEVELOPMENT OF A NEW METHOD FOR ROUTINE USE AND TESTING OF CLINICAL RELIABILITY
Ho¨fner, K; Oelke, M; Wagner, T; Mebert, J; Jonas, U.

9:15 2 COUGH AND VALSALVA MANUEVERS ARE DIFFERENT: FREQUENCY SPECTRUM ANALYSIS
Kim, K-J; Jurnalov, CD; Webb, MJ; Lightner, DJ; Lee, RA

9:30 3 THE ACCURACY OF A NON-INVASIVE BLADDER PRESSURE MEASUREMENT WITH AN EXTERNAL CATHETER
Pel, JJM; van Mastrigt, R

9:45 4 A NEW METHOD FOR NON-INVASIVE ASSESSMENT OF BLADDER PRESSURE DURING VOIDING COMPARED WITH SIMULTANEOUS INVASIVE URODYNAMICS
Griffiths, C; Pickard, R; Robson, W; Thomas, D; Davies, J; Ramsden, P

10:00 5 A VARIABLE RESISTANCE CATHETER FOR NON-INVASIVE MEASUREMENT OF THE BLADDER PRESSURE
Pel, JJM; van Mastrigt, R

10:15 6 A NEW METHOD FOR NON-INVASIVE MEASUREMENT OF VOIDING PRESSURE? ASSESSMENT OF PENILE CUFF OCCLUSION
Griffiths, C; Pickard, R; Tuckey, JW; Thomas, D; Davies, J; Ramsden, P

10:30 7 AMBULATORY URODYNAMICS: DO WE NEED IT?
Salvatore, S; Khallar, V; Cardozo, L; Anders, K; Digesu, GA; Bidmead, J

10:45–11:15 am Coffee Break

11:15–12:30 State of the Art Lecture

12:30–1:30 pm Lunch

1:30–2:00 ICS/ICCS Plenary

2:00–3:00 ICCS Plenary and ICS Poster Viewing

3:00–3:30 Coffee Break

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3:30–5:30 ICCS/ICS Podium Session (Session 2)
Treatment of Voiding Dysfunction

3:30 8 A MULTI-DISCIPLINARY THERAPEUTIC APPROACH IN A “VOIDING SCHOOL” FOR THERAPY-RESISTANT DYSFUNCTIONAL VOIDING Vandaele, J; Vande Walle, J; Hoebeke, P; Renson, C; Raes, A; Van Hoecke, E; Van Laecke, E; De Paepe, H; Theunis, M

3:45 9 BIOFEEDBACK METHODOLOGY: DOES IT MATTER HOW WE TEACH CHILDREN WITH VOIDING DYSFUNCTION TO RELAX? Schulman, S; von Zuben, FC; Kodman-Jones, C; Plachter, N; McGinley, AB; Schniepp, R

4:00 10 THE OVERACTIVE BLADDER OF CHILDHOOD: LONG-TERM RESULTS WITH CONSERVATIVE TREATMENT Bauer, SB; Curran, MJ; Kafer, M; Peters, CA

4:15 11A OXYBUTYNINE-HCl VERSUS PLACEBO IN CHILDREN WITH URODYNAMICALLY PROVEN URGE SYNDROME—A PLACEBO CONTROLLED STUDY Misselwitz, J; John, U; Tamminin-Möbius, T; Lax-Gross, H; Hirche, H; van Gool, JD; de Jong, TPVM; Winkler-Seinstra, P; Nijman, RM; Vlasblom, M; Hoebeke, P; Vande Walle, J; Urecht, J; Hjalmar, K; Hellström, A-L; Bachmann, H; Heilenkötter, K

11B A COMPARISON STANDARD THERAPY, BLADDER REHABILITATION WITH BIOFEEDBACK, AND PHARMACOTHERAPY IN CHILDREN WITH NON-NEUROPATHIC BLADDER SPHINCTER DYSFUNCTION van Gool, JD; de Jong, TPVM; Winkler-Seinstra, P; Tamminin-Möbius, T; Lax-Gross, H; Hirche, H; Nijman, RM; Vlasblom, M; Hoebeke, P; Van de Walle, J; Hjalmar, K; Hellström, A-L; Bachmann, H; Heilenkötter, K; Misselwitz, J; John, U

4:30 12 ALPHA-ADRENERGIC BLOCKADE IN CHILDREN WITH VOIDING DYSFUNCTION Austin, PF; Homsy, YL; Cain, MP; Rink, RC; Casale, AJ

4:45 13 TRANSCUTANEOUS NEUROMODULATION IN NON-NEUROPATHIC BLADDER SPHINCTER DYSFUNCTION IN CHILDREN: PRELIMINARY RESULTS Hoebeke, P; De Paepe, H; Renson, C; Van Laecke, E; Raes, A; Vande Walle, J

5:00 14 URODYNAMIC PATTERN IN ASYMPTOMATIC INFANT SIBLINGS TO CHILDREN WITH VESICOURETERAL REFLUX Bachelard, M; Sillén, U; Hansson, S; Hermansson, G; Jodal, U; Jacobsson, B

5:15 15 EFFICACY OF A CHILDHOOD INCONTINENCE CARE PROGRAMME IN IMPROVING THE QUALITY OF LIFE IN CHILDREN WITH INCONTINENCE PROBLEM Yeung, CK; Sit, FKY; To, L

3:30–5:30 ICS Poster Session 1 (Session 3)
Neurophysiology

3:30 16 ANALYSIS OF COMMUNICATION BETWEEN MUSCLE BUNDLES USING 3-D IMAGE RECONSTRUCTION OF SERIAL SECTIONS OF HUMAN BLADDER Drake, MJ; Wyatt, G; McMurray, G; Noble, JG; Brading, AF
3:38 17 REGIONAL DIFFERENCES IN BLADDER BLOOD FLOW AND MICROCIRCULATION RESISTANCE AT REST AND DURING FILLING
Kozlowski, R; Siroky, MB; Krane, RJ; Azadzoi, KM

3:46 18 BLADDER NERVE GROWTH FACTOR (NGF) - EXPRESSION PREDICTS OUTCOME IN PATIENTS TREATED BY INTRAVESICAL CAPSAICIN FOR REFRACTORY DETRUSOR HYPERREFLEXIA
Lazzeri, M; Lecci, A; Beneforti, P; Spinelli, M; Del Popolo, G; Arganini, L; Zanollo, A; Turini, D

3:54 19 NERVE GROWTH FACTOR (NGF) GENE THERAPY USING REPPLICATION DEFECTIVE HERPES SIMPLEX VIRUS (HSV) VECTORS FOR DIABETIC BLADDER DYSFUNCTION
Ishiura, Y; Yoshimura, N; Yokoyama, T; Phelan, MW; Fraser, MO; Goins, WF; Glorioso, JC; de Groat, WC; Chancellor, MB

4:02 20 MORPHOLOGICAL CHANGES ASSOCIATED WITH IMPAIRED DETRUSOR CONTRACTILITY
Brierly, RD; Hindley, RG; Harding, DM; Thomas, PJ

4:10 21 NERVE REGENERATION AND VOIDING BEHAVIOR PATTERNS AFTER PUDENDAL NERVE CRUSH IN FEMALE RAT
Damaser, MS; Sakamoto, K; Smith, GM; Storer, P; Jones, KJ

4:18 22 COMPLEX REPETITIVE DISCHARGES DURING URETHRAL SPHINETER ELECTROMYOGRAPHY: CLINICAL CORRELATES
Fitzgerald, MP; Blazek, B; Brubaker, L

4:26 23 DIFFERENTIAL EFFECTS ON BLADDER AND EXTERNAL URETHRAL SPHINETER OF CHEMICAL STIMULATION IN THE PERIAQUEDUCTAL GRAY OF THE ANESTHETIZED RAT
Downie, JW; Matsuura, S; Allen, GV

4:34 24 CENTRAL INNERVATION OF THE PROSTATE GLAND AS REVEALED BY THE TRANSNEURAL TRANSPORT OF PSEUDORABIES VIRUS
Zermann, D-H; Ishigooka, M; Doggweiler, R; Schubert, J; Schmidt, RA

4:42 25 ULTRASTRUCTURAL EVIDENCE FOR A DIRECT PATHWAY FROM THE LUMBOSACRAL SPINAL CORD TO THE PONTINE MICTURITION CENTER OF RATS
Blok, BFM; Holstege, G

4:50 26 A RAT MODEL FOR INVESTIGATION OF BLADDER DYSFUNCTION ASSOCIATED WITH MULTIPLE SCLEROSIS-LIKE DEMYELINATING DISEASE
Mizusawa H; Igawa, Y; Ishizuka, O; Nishizawa, O; Ichikawa, M; Ito, M; Andersson, K-E

4:58 27 SACRAL ROOT NEUROMODULATION INDUCES INHIBITION OF THE HYPERACTIVE C-AFFERENT FIBERS IN A HYPERREFLEXIC ANIMAL MODEL
Shaker, H; Louang, D; Balbaa, L; Fehling, M; Hassouna, M

5:06 28 CONTRACTION OR SUPPRESSION OF THE BLADDER BY MAGNETIC STIMULATION OF THE SACRAL ROOTS? RESOLVING THE PARADOX
Craggs, MD; Shah, N; Sheriff, M; Khasgir, J; Shah, PJR

5:14 29 COMPUTER MODELS AS A RESEARCH TOOL FOR THE INVESTIGATION OF LOWER URINARY TRACT PHYSIOLOGY
Bemelmans, BLH; van Duin, F; Debruyne, FMJ; Wijkstra H
Wednesday, August 25, 1999

8:30–10:00 am ICS/IUGA Plenary Session 1 (Session 4) Fundamentals of Pelvic Floor Structure

8:30 30 PLASMA ELASTASE REGULATION IN STRESS URINARY INCONTINENCE
Mathrubutham, M; Aybek, Z; Fogarty, J; Lee, J; Rao, SK; Badlani, GH; Kushner, L

8:45 31 COLLAGENASE ACTIVITY IS ELEVATED IN CONDITIONED MEDIA FROM FIBROBLASTS OF WOMEN WITH PELVIC FLOOR WEAKENING
Kushner, L; Chen, Y; Desautel, M; Burney, T; Moak, S; Greenwald, R; Badlani, G

9:00 32A THE PATHOPHYSIOLOGICAL CHANGES OF VAGINAL TISSUE IN WOMEN WITH STRESS URINARY INCONTINENCE: A CONTROLLED TRIAL
James, M; Avery, N; Jackson, S; Bailey, A; Abrams, P

32B THE BIOCHEMICAL PROFILE OF VAGINAL TISSUE IN WOMEN WITH GENITOURINARY PROLAPSE: A CONTROLLED TRIAL
James, M; Avery, N; Jackson, S; Bailey, A; Abrams, P

9:15 33 QUANTITATIVE ELECTROMYOGRAPHIC ANALYSIS OF LEVATOR ANI AND EXTERNAL ANAL SPHINCTER MUSCLES OF NULLIPAROUS WOMEN
Weidner, AC; Sanders, DB; Massey, JM; Bump, RC

9:30 34 VARIATION IN QUANTITY AND DISTRIBUTION OF NEURAL TISSUE IN THE STRIATED UROGENITAL SPHINCTER MUSCLE
Pandit, M; DeLancey, JOL; Iyengar, J; Perucchini, D; Ashton-Miller, JA

9:45 35 PULL-OUT STRENGTH OF REATTACHMENT SITES IN RECONSTRUCTIVE PELVIC SURGERY: A BIOCHEMICAL STUDY
Lazarou, G; Chu, TW; Scotti, R; Haines, D; Olson, TR; Greston, WM

10:00–10:30 am Coffee Break

10:30–11:00 State of the Art Lecture

11:00–12:30 ICS/IUGA Plenary Session 2 (Session 5) Pregnancy, Delivery and Pelvic Floor

11:00 36 STRESS INCONTINENCE 5 YEARS AFTER 1ST DELIVERY
Viktrup, L; Lose, G

11:15 37 IS PELVIC FLOOR REEDUCATION AFTER VAGINAL DELIVERY EFFECTIVE? A PROSPECTIVE DOUBLE-BLIND RANDOMIZED STUDY IN PRIMIPARAE
Meyer, S; Hohlfeld, P; De Grandi, P; Megalo, A
11:30  38A  PREVALENCE AND RISK FACTORS OF URINARY INCONTINENCE AT 16 WEEKS OF GESTATION  
*Højberg, KE; Salvig, JD; Winsløw; Lose, G; Secher, NJ*

11:45  39  PREGNANCY AND NOT DELIVERY ASSOCIATED WITH POSTPARTUM INCONTINENCE IN PRIMIGRAVID WOMEN  
*Cook, VAM; Osborne, JL; Malone-Lee, JG*

11:45  38B  PREVALENCE AND RISK FACTORS OF ANAL INCONTINENCE AT 16 WEEKS OF GESTATION  
*Højberg, KE; Salvig, JD; Winsløw; Bek, KM; Laurberg, S; Lose, G; Secher, NJ*

12:00  40  ASSESSMENT OF PUDENDAL NERVE FUNCTION IN POSTPARTUM FECAL INCONTINENCE  
*Fynes, M; O’Brien, C; Behan, M; O’Connell, PR; O’Herlihy, C*

12:15  41  ANATOMICAL AND FUNCTIONAL RESULTS AFTER REPAIR OF THIRD DEGREE ANAL SPHINCTER RUPTURE  
*Gauruder, A; Hohl, M-K*

12:30–1:30 Lunch

1:30–3:00 ICS/IUGA Plenary Session 3 (Session 6)  
Treatment of Stress Incontinence

1:30  42  A FIVE YEAR PROSPECTIVE RANDOMIZED URODYNAMIC STUDY COMPARING OPEN AND LAPAROSCOPIC COLPOSUSPENSION  
*Burton, G*

1:45  43  TREATMENT OF INTRINSIC SPHINCTER DEFICIENCY USING AUTOLOGOUS EAR CARTILAGE AS A PERIURETHRAL BULKING AGENT  
*Bent, AE; Tutrone, RT; Lloyd, LK; Badlani, G; Kennedy, MJ*

2:00  44  GAX COLLAGEN OR MACROPLASTIQUE DOES IT MAKE A DIFFERENCE?  
*Anders, K; Khullar, V; Cardozo, L; Bidmead, J; Athanasiou, S; Hobson, P; Ashman, O*

2:15  45  TISSUE REPLACEMENT BY TENSION-FREE INSERTION OF PROLENE TAPE (TVT TECHNIQUE ACCORDING TO ULMSTEN) IN URINARY INCONTINENCE (UI): TECHNICAL DETAILS, INDICATIONS, SPECIFICATIONS, RESULTS  
*Tunn, R; Bettin St; Fischer, W*

2:30  46  TENSION FREE VAGINAL TAPE OPERATION RESULTS AND POSSIBLE PROBLEMS  
*Kulseng-Hansen, S; Kristoffersen, M; Larsen, E*

2:45  47  A MULTI-CENTRE, PROSPECTIVE, RANDOMISED, CONTROLLED, GROUP COMPARATIVE STUDY OF THE EFFICACY OF VAGINAL CONES AND PFX  
*Laycock, J; Brown, J; Cusack, C; Green, S; Jerwood, D; Mann, K; Schofield, A*

3:00–3:30 Coffee Break
3:30–5:30  ICS/IUGA Poster Session 1 (Session 7)

Imaging

3:30–3:50  View Posters

3:50  48A  DYNAMIC MRI: A NEW GRADING SYSTEM FOR PELVIC PROLAPSE AND PELVIC FLOOR RELAXATION
        Comiter, CV; Vasavada, SP; Barbaric, Z; Raz, S

48B  PRE-OPERATIVE EVALUATION OF PELVIC PROLAPSE USING DYNAMIC MAGNETIC RESONANCE IMAGING
        Comiter, CV; Vasavada, SP; Barbaric, Z; Raz, S

3:58  49  ULTRASONOGRAPHIC DIAGNOSIS OF PARAVAGINAL DEFECTS: A CRITICAL EVALUATION
        Nguyen, JK; Hall, CD; Taber, E; Bhatia, NN

4:06  50  THE QUANTIFICATION OF UTEROVAGINAL PROLAPSE BY ULTRASOUND: A COMPARISON WITH THE ICS PROLAPSE ASSESSMENT SYSTEM
        Dietz, HP; Haylen, BT; Broome, J

4:14  51  THE SUB-OPTIMAL ACCURACY OF THE BLADDER SCAN: RELIABILITY AGAINST A KNOWN VOLUME, USING A MEASURE OF AGREEMENT
        Simons, A; Cragg, S; Moore, KH

4:22  52  A NEW IMAGING METHOD IN UROGYNAECOLOGY: TRANSLABIAL COLOUR DOPPLER
        Dietz, HP; Clarke, B

4:30  53  EVALUATION OF THE LEVATOR ANI MUSCLE STRUCTURE USING DIFFERENT MR IMAGING TECHNIQUES
        Tunn, R; DeLancey, J; Howard, D; Ashton-Miller, J; Quint, L; Goedicke, J

4:39  54  WOMEN WITH LOCALIZED LEVATOR ANI ABNORMALITIES ON MR IMAGES AND STRESS INCONTINENCE HAVE WEAKER MUSCLES AND DECREASED PELVIC ORGAN SUPPORT
        Speights, SE; DeLancey, JOL; Ashton-Miller, JA; Howard, D

4:46  55  COMPARISON OF TRANS-ANAL SONOGRAPHY AND MRI MAPPING OF INTERNAL AND EXTERNAL OBSTETRIC ANAL SPHINTER DEFECTS
        Fynes, M; O’Herlihy, C; O’Connell, PR; Behan, M.

4:54  56  THE SIGNIFICANCE OF AN OPEN BLADDER NECK IN THE EVALUATION OF THE FEMALE STRESS URINARY INCONTINENCE
        Kim, SJ; Choi, JH; Kim, DK; Lee, KS

5:02  57  DIAGNOSTIC ASSESSMENT OF DEFECTS OF THE PUBOCERVICAL FASCIA IN URINARY INCONTINENCE: COMPARISON OF MR IMAGING AND HISTOLOGICAL FINDINGS
        Tunn, R; Rieprich, M; Beyersdorff, D; Kaufmann, O; Bettin, St; Fischer, W

5:10  58  DO BLADDER NECK POSITION AND AMOUNT OF ELEVATION INFLUENCE THE SURGICAL OUTCOME OF COLPO SUSPENSION?
        Bombieri, L; Freeman, RM

5:18  59  ULTRASOUND IMAGING OF URETHRAL FUNNELLING
        Mašata, J; Martan, A; Halasška, M; Otcenášek, M; Voight, R
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<tr>
<th>Time</th>
<th>Number</th>
<th>Title</th>
<th>Authors</th>
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<td>3:30</td>
<td>5:30</td>
<td>ICS/IUGA Poster Session 2 (Session 8)</td>
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<td>3:30</td>
<td>5:30</td>
<td>Pelvic Floor and Urethral Dysfunction</td>
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<td>View Posters</td>
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<td>3:50</td>
<td>60A</td>
<td>DEVELOPMENT OF THE STRIATED MUSCLE IN THE HUMAN URETHRAL SPHINCTER (IUS)</td>
<td>Holliger, St; Schaffner, Th</td>
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<td>3:50</td>
<td>60B</td>
<td>HISTOLOGICAL AND IMMUNOHISTOCHEMICAL STUDY OF THE Rhabdosphincter in human beings</td>
<td>Holliger, St; Kappeler, A; Weis, J; Schaffner, T</td>
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<td>3:58</td>
<td>61</td>
<td>A MODIFIED CONTINENCE EQUATION CAN QUANTIFY STRESS LEAK POINT PRESSURE IN TERMS OF MAXIMUM URETHRAL CLOSURE PRESSURE AND PRESSURE TRANSMISSION</td>
<td>Kim, K-J; Juralov, CD; Webb, MJ; Lightner, DJ; Lee, RA</td>
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<td>4:06</td>
<td>62</td>
<td>CORRELATION BETWEEN URETHRAL STRUCTURE AND FUNCTION IN CONTINENT NULLIPARAS</td>
<td>Howard, D; DeLancey, JOL; Tunn, R; Ashton-Miller, JA; Strohbehn, K</td>
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<td>4:14</td>
<td>63</td>
<td>QUANTIFICATION OF CIRCULAR AND LONGITUDINAL SMOOTH MUSCLE IN THE DORSAL WALL OF THE FEMALE URETHRA</td>
<td>Pandit, M; DeLancey, JOL; Iyengar, J; Ashton-Miller, J; Blaivas, M</td>
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<td>4:22</td>
<td>64</td>
<td>EXTRACTION OF CELLULAR GENETIC MATERIAL FROM HUMAN FASCIA LATA ALLOGRAFTS</td>
<td>Rackley, R; Serels, S; Appell, R</td>
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<td>4:30</td>
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<td>CADAVERIC ALLOGRAFT STRENGTH: AN ASSESSMENT OF THE EFFECTS OF PRESERVATION TECHNIQUES AND THE METHODS OF SUTURE FIXATION USING TWO SEPARATE EXPERIMENTAL MODELS</td>
<td>Sutaria, PM; Staskin, DR</td>
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<td>4:38</td>
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<td>ASSESSMENT OF PELVIC FLOOR FUNCTION IN WOMEN WITH GSI: A COMPARISON BETWEEN ULTRASOUND, DIGITAL EXAMINATION AND PERINEOMETRY</td>
<td>Hextall, A; Bidmead, J; Cardozo, L; Boos, K; Mantle, J</td>
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<td>4:46</td>
<td>67</td>
<td>PELVIC FLOOR CONNECTIVE TISSUE MECHANICAL PROPERTIES: IS THERE AN ASSOCIATION WITH PELVIC FLOOR ORGAN PROLAPSE?</td>
<td>Juralov, CD; Kim, K-J; Webb, MJ; An, K-N</td>
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<td>4:54</td>
<td>68</td>
<td>DOES UTEROVAGINAL PROLAPSE CAUSE VOIDING DYSFUNCTION?</td>
<td>Manning, J; Korda, A; Benness, C</td>
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<td>FOLLOW-UP OF WOMEN STUDIED WITH ANAL ENDOSONOGRAPHY AFTER THEIR FIRST DELIVERY: THE EFFECT OF SUBSEQUENT DELIVERIES ON ANAL CONTINENCE</td>
<td>Falin, D; Sangalli, M; Roche, B; Floris, L; Weil, A</td>
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<td>POSTERIOR COLPORRHAPHY IS SUPERIOR TO THE TRANSANAL REPAIR FOR TREATMENT OF POSTERIOR VAGINAL WALL PROLAPSE</td>
<td>Kahn, MA; Stanton, SL; Kumar, D; Fox, SD</td>
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<td>JOINT MOBILITY - IS IT A MARKER FOR STRESS INCONTINENCE?</td>
<td>Chaliha, C; Kalia, V; Sultan, A; Monga, AK; Stanton, SL</td>
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<td>5:26</td>
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<td>PELVIC MORPHO-TOPOGRAPHY AND PATHOGENESIS OF GENITAL PROLAPSE</td>
<td>Lazarevski, MB</td>
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3:30–5:30  ICS Poster Session 2 (Session 9)
Pharmacological Investigations of Urinary Tract Function

3:30–3:50 View Posters

3:50 73 RESPONSES TO CARBACHOL BUT NOT NEUROKININ A ARE ENHANCED IN DETRUSOR MUSCLE FROM CHILDREN WITH RECURRENT URINARY TRACT INFECTION
Lam, DSH; Werkstrom, V; Moore, KH; Awad, N; Farnsworth, R; Burcher, E

3:58 74 SHORT-TERM EFFICACY AND SAFETY OF TEMIVERINE IN THE TREATMENT OF BLADDER OVERACTIVITY-A RANDOMIZED CLINICAL TRIAL IN ADULT MEN AND WOMEN
Tammela, TLJ; Mattiasson, A; Chapple, CR; Møller, B; Bakke, A; Happonen, P

4:06 75 THE EFFECT OF NITRIC OXIDE ON ACETYLCHOLINE RELEASE IN FEMALE RABBIT BLADDER
Miyamoto, Y; Yoshida, M; Inadome, A; Yono, M; Seshita, H; Ueda, S

4:14 76 NITRIC OXIDE REGULATES RABBIT BLADDER BLOOD FLOW AND MICROCIRCULATION RESISTANCE
Kozlowski, R; Siroky, MB; Krane, RJ; Azadzoi, KM

4:22 77 SENSORY MECHANISMS IN THE URINARY BLADDER: ADAPTATION TO CHANGES IN URINARY SODIUM CONCENTRATION
Elneil, S; Burtn, TJ; Ingham, DJ; Skepper, JN; Ferguson, DR

4:30 78 THE DISTRIBUTION OF P2X1 AND P2X3 RECEPTORS IN THE RAT AND HUMAN URINARY BLADDER
Elneil, S; Skepper, JN; Kidd, EJ; Williamson, JG; Ferguson, DR

4:38 79 EVALUATION OF THE SITE OF ACTION OF PROSTANOIDS IN THE MICTURITION REFLEX PATHWAY OF THE RAT
Watson, N; Shetty, SG; Cefalu, JS; Eglen, RM; Daniels, DVD; Hegde, SS

4:46 80 BLADDER INSTABILITIES AND ADRENERGIC SUPERSENSITIVITY OF DETRUSOR SMOOTH MUSCLE IN FEMALE AGED RATS
Martin, D; Grandadam, F; Palea, S; Corman, B; Lluel, P

4:54 81 ROLE OF DOPAMINE D2 RECEPTORS FOR MICTURITION AND MPTP (N-methyl-4-phenyl-1,2,3,6-tetrahydropyridine)-INDUCED BLADDER HYPERACTIVITY IN CONSCIOUS RATS
Seki, S; Igawa, Y; Kaidoh, K; Ishizuka, O; Nishizawa, O; Andersson, K-E

5:02 82 THE EFFECT OF A NOVEL PYRROLE DERIVATIVE POTASSIUM CHANNEL OPENER, NS-8 ON THE HUMAN BLADDER
Seshita, H; Yoshida, M; Inadome, A; Yono, M; Miyamoto, Y; Ueda, S

5:10 83 EFFECT OF TETRAETHYLAMMONIUM CHLORIDE ON ISOLATED HUMAN DETRUSOR SMOOTH MUSCLE STRIP RESPONSES TO CARBACHOL AND ELECTRICAL STIMULATION
McCoy, R; McMurray, G; Drake, MJ; Brading, AF

5:18 84 AGE-RELATED CHANGES IN ACETYLCHOLINE AND ADENOSINE TRIPHOSPHATE RELEASES FROM HUMAN BLADDER SMOOTH MUSCLE
Yoshida, M; Inadome, A; Yono, M; Seshita, H; Miyamoto, Y; Ueda, S
Thursday, August 26, 1999

8:30–10:00 am ICS Plenary Session 2 (Session 10)
Chemically Sensitive Sites for Control of Detrusor Function

8:30 85 VOLTAGE GATED POTASSIUM CHANNELS IN DETRUSOR MUSCLE
Davies, AM; Jones, WD; Eardley, I; Beech, DJ

8:45 86 CHARACTERIZATION OF THE MUSCARINIC CHOLINOCEPTOR-
MEDIATED INHIBITION OF ADENYLYL CYCLASE IN PRIMARY
CULTURED HUMAN BLADDER SMOOTH MUSCLE CELLS
Daniels, DV; Meloy, TD; Loury, DN; Watson, N; Hegde, SS; Eglen, RM; Ford
APDW

9:00 87 THE EFFECT OF CHRONIC IN VIVO ATROPINE TREATMENT ON
URINARY BLADDER FUNCTION IN THE GUINEA-PIG
McMurray, G; Asprey, C; Brading, AF

9:15 88 CENTRAL MUSCARINIC MECHANISMS REGULATING VOIDING IN RATS
Ishiura, Y; Yokoyama, O; Namiki, M; Chancellor, MB; de Groat, WC

9:30 89 FUNCTIONAL ROLE OF (3-ADRENOCEPTORS IN NEUROGENIC
HUMAN DETRUSORS
Igawa, Y; Yamazaki, Y; Takeda, H; Kaido, K; Akahane, S; Akahane, M;
Ajisawa, Y; Yoneyama, T; Nishizawa, O; Andersson, K-E

9:45 90 INCREASED UPREGULATION OF BRADYKININ RESPONSE IN
SMOOTH MUSCLE FROM URINARY BLADDER WITH INFRAVESICAL
OUTLET OBSTRUCTION
Uvelius, B; Sjuve, R; Boels; PJ; Arner, A

10:00 91 THE EFFECT OF NITRIC OXIDE IN ISCHEMIA-REPERFUSION RAT
BLADDER
Saito, M; Miyagawa, I

10:15–10:45 Coffee Break

10:45–11:30 State of the Art

11:30–12:30 ICS AGM

12:30–1:30 Lunch and View Posters

1:30–3:00 ICS Poster Session 3 (Session 11)
Clinical Urodynamics

1:30 92 VALSALVA AND COUGH URETHRAL PRESSURES:
INTERCHANGEABLE OR COMPARABLE?
Khullar, V; Salvatore, S; Cardozo, L; Anders, K; Bidmead, J; Digesu, A;
Clifford, K

1:38 93 A COMPARISON OF MICROTIP AND FIBEROPTIC TRANSDUCERS
FOR URETHRAL PRESSURE PROFILOMETRY AND LEAK POINT
PRESSURE ASSESSMENT
Culligan, PJ; Koduri, S; Blackhurst, DW; Sand, PK
### Scientific Program

#### 1:46 94
**The Effect of Voluntary Pelvic Floor Contraction and Relaxation on the Urethral Closure Pressure**  
Baessler, K; Miska, K; Draths, R; Schuessler, B

#### 1:54 95
**Age-Related Increase of the Connective Tissue in the Anterior Fibromuscular Stroma of the Prostate**  
Iwata, T; Ukimura, O; Kojima, M; Ozawa, H; Kawata, M; Miki, T

#### 2:02 96
**Urodynamics: An Unreliable Witness?**  
Thakar, R; Manyonda, I; Stanton, SL

#### 2:10 97
**The Availability and Utilisation of Urodynamic Investigations by Gynaecologists for Female Urinary Incontinence**  
Duggan, PM; Wilson, PD; Brown, ADG; Drutz, H; Norton, P; Herbison, P

#### 2:18 98
**Hormonal Influences on the Human Female Lower Urinary Tract: A Prospective Evaluation of the Effects of the Menstrual Cycle on Symptomatology and the Results of Urodynamic Investigation**  
Hextall, A; Bidmead, J; Cardozo, L; Hooper, R

#### 2:26 99A
**Urodynamic Quality Control: Quantitative Plausibility Control with Typical Value Ranges**  
Liao, L; Kirschner-Hermanns, R; Schäfer, W

#### 2:26 99B
**Urodynamic Quality Control: Qualitative Plausibility Control with Typical Signal Patterns**  
Schäfer, W; Liao, L; Kirschner-Hermanns, R; Jakse, G

#### 2:34 100
**The Volume Dependence of Maximum Flow Rates Revisited**  
von Mastrigt, R

#### 2:42 101
**The Role of Urodynamics for Men with Persistently Inadequate Uroflow Volumes**  
Chin, CM; Lim, PHC

#### 2:50 102
**The Repeatability of the Standard One Hour Pad Test Using Similar “Natural Fill” Bladder Volumes**  
Simons, A; Cragg, S; Moore, KH

#### 2:58 103
**How Does the TVT Produce Continence? A Comparison of Bladder Neck Elevation and Mobility After TVT and Colposuspension**  
Atherton, MJ; Stanton, SL

#### 1:30–3:00 ICS Poster Session 4 (Session 12)
**Treatment of Urge and Urge Incontinence**

#### 1:30 104
**Does the Amount and Type of Fluid Intake Effect Urinary Symptoms in Women?**  
Swithinbank, LV; Rogers, CA; Yang, Q; Shepherd, AM; Abrams, P

#### 1:38 105
**Spontaneous Contractility, Atropine Resistance and Response to the Tachykinin Antagonist SR48968 in Idiopathic Detrusor Instability**  
Moore, KH; Lam, DSM; Lynch, W; Barchet, E
1:46 106 EFFECT OF KETOCONAZOLE ON THE PHARMACOKINETICS OF OXYBUTYNIN: COMPARISON BETWEEN AN EXTENDED RELEASE OXYBUTYNIN AND CONVENTIONAL AND CONVENTIONAL OXYBUTYNIN
Chancellor, MB; Sathyan, G; Gupta, SK

1:54 107 PLACEBO-CONTROLLED, RANDOMISED, DOUBLE-BLIND, MULTICENTRE CLINICAL TRIAL ON THE EFFICACY AND TOLERABILITY OF 1 × 40 mg AND 2 × 40 mg TROSPIAM CHLORIDE (SPASMO-LYT) DAILY FOR 3 WEEKS IN PATIENTS WITH URGE-SYNDROME
Jünenmann, K-P; Füsgen, I

2:02 108 COMPARISON OF URGE INCONTINENCE TREATMENTS
Appell, R; Anderson, RU; Gittelman, M; Kaufman, J; Mobley, D; Salzstein, D; for the Ditropan t XL Study Group

2:10 109 EFFECT OF SACRAL NEUROMODULATION ON PATIENTS WITH URGE/FREQUENCY
Hassouna MM; the Sacral Nerve Stimulation Study Group

2:18 110A SACRAL NERVE STIMULATION FOR REFRACTORY URGE INCONTINENCE: PATIENT OUTCOMES AND QUALITY OF LIFE
Siegel, S; Chancellor, M; Dijkema, H; Elhilali, M; Gajewski, M; Hassouna, R

110B IMPROVEMENT IN QUALITY OF LIFE: SACRAL NERVE STIMULATION FOR URINARY URGENCY-FREQUENCY
Siegel, S; Catanzaro, F; Dijkema, H; Fall, M; Gajewski, J; Hassouna, M; Janknegt, R; Jonas, U; Lycklama à Néhybolt, AAB; Oleson, K; Schmidt, R; van Kerrebrouck, PEV

2:26 111 QUALITY OF LIFE IMPROVEMENT DURING CHRONIC NEUROMODULATION OF SACRAL ROOTS: A PROSPECTIVE STUDY WITH AN INCONTINENCE DOMAIN SPECIFIC INSTRUMENT (QOL-I)
Cappellano, F; Bertapelle, P; Spinelli, M; Cantazaro, F; Carone, R; Zanollo, A; Simeone, C; Cosci, S; Giardello, G; de Seta, F

2:34 112 NONINVASIVE ANTIDROMIC SACRAL NEUROSTIMULATION TO ENHANCE BLADDER STORAGE.
Walsh, IK; Keane, PF; Johnston, PF; Loughridge, WG

2:42 113 PERCUTANEOUS PERIPHERAL NERVE STIMULATION FOR URGENCY/FREQUENCY SYNDROME
Litwiller, SE; Govier, FE; Kreder, K Jr; Nitti, V; Rosenblatt, P

2:50 114 FLEXIBLE DOSE STUDY WITH TOLTERODINE IN PATIENTS WITH OVERACTIVE BLADDER CONFIRMS EFFICACY AND SAFETY OF TOLTERODINE (DETROL)
Mitcheson, HD; Chancellor, MB; Zadra, J; Diokno, AC; Tolterodine Study Group

2:58 115 LONG TERM FOLLOW-UP OF PATIENTS WITH MIXED INCONTINENCE
Salvatore, S; Soligo, M; Khullar, V; Monti, C; Lalia, M; Cordozo, L
1:30–2:15  ICS Poster Session 5 (Session 13)

**Aging**

1:30  116A  MECHANISMS OF NOCTURIA IN OLDER ADULTS: POSTAL SURVEY RESULTS
Umlauf, M; Burgio, K; Bliwise, D; Pillion, D; Goode, P; Kurutzer, E

116B  MECHANISMS OF NOCTURIA IN OLDER ADULTS: PRELIMINARY RESULTS OF CLINICAL INTERVIEWS
Umlauf, M; Burgio, K; Bliwise, D; Pillion, D; Goode, P; Kurtzer, E

1:38  117  DOES NIGHTTIME INCONTINENCE DISRUPT SLEEP IN GERIATRIC PATIENTS?
Ouslander, J; Adelman, C; Khan, N; Schnelle, J; Bliwise, D

1:46  118  AGE CHANGES IN SYMPTOMS AND FILLING AND VOIDING PARAMETERS IN MALES
Millard, RJ; Ellis, MS; Chin, P; Vollmer-Conna, U

1:54  119  AGE AND THE MEASUREMENT OF OUTCOME OF TREATMENT OF THE OVERACTIVE BLADDER
Wagg, A; Camming, K; Malone-Lee, JG

2:02  120  THE IMPACT OF URINARY INCONTINENCE AND CHANGING CONTINENCE STATUS ON QUALITY OF LIFE IN NURSING HOME RESIDENTS
DuBeau, CE; Simon, S; Morris, JN

2:10  121  DO THE VERY FRAIL, OLDEST OLD BENEFIT FROM ACTIVE MANAGEMENT OF URINARY INCONTINENCE?
Gautam, PC; Jamieson, AD; Donald, S

2:15–3:00  ICS Poster Session 6 (Session 14)
The Outflow Tract: Clinical and Basic Science

2:15  122A  FUNCTIONAL IMPORTANCE OF SUPRASPINAL (1 ADRENERGIC RECEPTORS FOR MICTURITION IN CONSCIOUS RATS WITH AND WITHOUT BLADDER OUTLET OBSTRUCTION
Ishizuka, O; Gu, B-J; Igawa, Y; Nishizawa, O; Andersson, K-E

122B  ROLES OF CENTRAL TACHYKININ RECEPTORS FOR MICTURITION IN CONSCIOUS RATS WITH AND WITHOUT BLADDER OUTLET OBSTRUCTION
Ishizuka, O; Gu, B-J; Igawa, Y; Nishizawa, O; Andersson, K-E

2:23  123  THE FUNCTIONAL EFFECT OF COLLAGEN CHANGE INDUCED BY INTERFERON GAMMA ON OBSTRUCTED RAT URINARY BLADDER: PASSIVE PROPERTY AND CONTRACTILITY
Lee, KS; Oh, W; Bae, EK; Kang, TM; Oh, SJ; Kim, KM

2:31  124  THE SIGNIFICANCE OF LOW URETHRAL BLOOD FLOW IN RECURRENT INCONTINENCE IN PATIENTS WITH A LONG-STANDING ARTIFICIAL URINARY SPHINCTER
Garcia Montes, F; Knight, SL; Mundy, AR; Craggs, MD

2:39  125  THREE-DIMENSIONAL TRANSRECTAL AND TRANSURETHRAL ULTRASOUND OF THE MALE RABDOSPINCTER
Strasser, H; Frauscher, F; Helweg, G; Stenzl, A; Bartsch, G
2:47 126 FILLING MECHANICS OF OBSTRUCTED AND DE-OBSTRUCTED RAT URINARY BLADDERS
Damaser, MS; Brzezinski, K; Longhurst, PA

2:55 127 ULTRASOUND ESTIMATED BLADDER WALL VOLUME: VARIABILITY AND RELATION TO INTRAVESICAL VOLUME
Kirchin VS, Cuming T, Beard RC, Thomas PJ

3:00–3:30 Coffee Break

3:30–5:00 ICS Plenary Session 3 (Session 15)
Neurology

3:30 128 A PROSPECTIVE CONTROLLED STUDY OF URINARY SYMPTOMS IN WOMEN WITH SEVERE ANOREXIA NERVOSA
Hextall, A; Majid, S; Cardozo, L; Boos, K; Hooper, R; Treasure, J

3:45 129 PROSPECTIVE EVALUATION OF CLINICAL CHANGES ASSOCIATED WITH METHOD OF BLADDER MANAGEMENT IN VERY LONG TERM SPINAL CORD INJURY
Drake, MJ; Wyatt, G; McMurray, G; Noble, JG; Brading, AF

4:00 130 BOTULINUM A-TOXIN IN THE TREATMENT OF DETRUSOR HYPERREFLEXIA IN SPINAL CORD INJURED PATIENTS: A NEW ALTERNATIVE TO MEDICAL AND SURGICAL PROCEDURES?
Stöhrer, M; Schurch, B; Kramer, G; Schmid, D; Gaul, G; Hauri, D

4:15 131 COMPARISON OF THE EFFECTS OF INTRAVESICAL CAPSAICIN AND RESINIFERATOXIN FOR TREATMENT OF DETRUSOR HYPERREFLEXIA IN PATIENTS WITH SPINAL CORD INJURY
Park, BJ; Kim, DY; Oh, DJ; Lim, YS; Shim, HB

4:30 132 WHAT DOES NEUROMODULATION DO FOR THE SENSATIONS OF URINARY URGE AND URGENCY?
Oliver, SE; Susser, J; Knight, SL; Fowler, CJ; Mundy, AR; Craggs, MD

4:45 133 NEUROLOGICAL FEATURES AND UROLOGICAL DYSFUNCTION IN SURVIVORS FROM PROLONGED COMA
Giannantoni, A; Formisano, R; Scivoletto, G; Di Stasi, SM; Silecchia, A; Finazzi Agrò, E; Penta, F; Vinieola, V

5:00 Closing