References

1. Bates CP, Corney CE. Synchronous cine-pressure-flow cystography: a method of routine urodynamic investigation. Br J Radiol. 1971; 44(517):44-50.
2. Bates P, Bradley WE, Glen E, et al. The standardization of terminology of lower urinary tract function. Eur Urol. 1976; 2(6):274-6.
3. Blaivas JG, Awad SA, Bissada N, et al. Urodynamic procedures: Recommendations of the Urodynamic Society. I. Procedures that should be available for routine urologic practice. Neurourol Urodyn. 1982;1(1):51-55.
4. Chairman Rowant D, James ED, Kramer AEJL, Sterling AM, Suhel PF. Urodynamic equipment: Technical aspects: Produced by the international continence society working party on urodynamic equipment. J Med Eng Technol. 1987;11(2):57-64.
5. Rickards D, Fitzmaurice H. The radiology of incontinence. Br J Hosp Med. 1986;35(1):12-19. https://pubmed.ncbi.nlm.nih.gov/3955283/. Accessed August 20, 2020.
6. Gleason DM, Bottaccini MR, Byrne JC. Review of current physical and hydrodynamic concepts and their impact on urodynamics. Neurourol Urodyn. 1987;6(1):1-9.
7. Valentini FA, Besson GR, Nelson PP, Zimmern PE. Clinically relevant modeling of urodynamics function: The VBN model. Neurourol Urodyn. 2014;33(3):361-366.
8. Woodside JR, Morris FM. A computer program for the storage and retrieval of urodynamic data. Neurourol Urodyn. 1982;1(3):313-318.
9. Van Mastrigt R. Computer programs for urodynamics. Neurourol Urodyn. 1984;3(2):141-142.
10. Regnier CH. Current and future applications of computers in urodynamics. Neurourol Urodyn. 1986;5(4):343-371.
11. Shank RA, Barnes MM, Benz SA, Bracken RB. Innovation in urodynamic testing: Report of the first fully computerized work station. Neurourol Urodyn. 1990;9(2):155-164.
12. Griffiths DJ, Scholtmeijer RJ. Precise urodynamic assessment of meatal and distal urethral stenosis in girls. Neurourol Urodyn. 1982;1(1):89-95.

13. Schäfer W. Urethral resistance? Urodynamic concepts of physiological and pathological bladder outlet function during voiding. Neurourol Urodyn. 1985;4(3):161-201.

14. Bauer SB, Nijman RJM, Drzewiecki BA, Sillen U, Hoebeke P. International Children's Continence Society standardization report on urodynamic studies of the lower urinary tract in children. Neurourol Urodyn. 2015;34(7):640-647.

15. Anding R, Smith P, de Jong T, Constantinou C, Cardozo L, Rosier P. When should video and EMG be added to urodynamics in children with lower urinary tract dysfunction and is this justified by the evidence? ICI-RS 2014. Neurourol Urodyn. 2016;35(2):331-335.

16. Abrams P, Cardozo L, Fall M, Griffiths D, Rosier P, Ulmsten U, van Kerrebroeck P, Victor A, Wein A; Standardisation Sub-committee of the International Continence Society. The standardisation of terminology of lower urinary tract function: report from the Standardisation Sub-committee of the International Continence Society. Neurourol Urodyn. 2002; 21(2):167-78.

17. Drake MJ, Doumouchtsis SK, Hashim H, Gammie A. Fundamentals of urodynamic practice, based on International Continence Society good urodynamic practices recommendations. Neurourol Urodyn. 2018;37(S6):S50-S60.

18. Rosier PFWM, Kuo H, De Gennaro M, et al. International Consultation on Incontinence 2016; Executive summary: Urodynamic testing. Neurourol Urodyn. 2019;38(2):545-552.

19. Selman LE, Ochieng CA, Lewis AL, Drake MJ, Horwood J. Recommendations for conducting invasive urodynamics for men with lower urinary tract symptoms: Qualitative interview findings from a large randomized controlled trial (UPSTREAM). Neurourol Urodyn. 2019;38(1):320-329.

20. D'Ancona C, Haylen B, Oelke M, et al. The International Continence Society (ICS) report on the terminology for adult male lower urinary tract and pelvic floor symptoms and dysfunction. Neurourol Urodyn. 2019;38(2):433-477.

21. Schaefer W, Abrams P, Liao L, et al. Good Urodynamic Practices: Uroflowmetry, filling cystometry, and pressure-flow studies. Neurourol Urodyn. 2002;21(3):261-274.

22. Rosier PFWM, Schaefer W, Lose G, et al. International continence society good urodynamic practices and terms 2016: Urodynamics, uroflowmetry, cystometry, and pressure-flow study. Neurourol Urodyn. 2017;36(5):1243-1260.
23. van Mastrigt R, Griffiths DJ. ICS standard for digital exchange of urodynamic study data. Neurourol Urodyn. 2004;23(3):280-281.
24. Cooper MA, Fletter PC, Zaszczurynski PJ, Damaser MS. Comparison of air-charged and water-filled urodynamic pressure measurement catheters. Neurourol Urodyn. 2011;30(3):329-334.
25. Abrams P, Damaser MS, Niblett P, et al. Air filled, including “air-charged,” catheters in urodynamic studies: does the evidence justify their use? Neurourol Urodyn. 2017;36(5):1234-1242.
26. Awada HK, Fletter PC, Zaszczurynski PJ, Cooper MA, Damaser MS. Conversion of urodynamic pressures measured simultaneously by air-charged and water-filled catheter systems. Neurourol Urodyn. 2015;34(6):507-512.
27. Gammie A, Abrams P, Bevan W, et al. Simultaneous in vivo comparison of water-filled and air-filled pressure measurement catheters: Implications for good urodynamic practice. Neurourol Urodyn. 2016;35(8):926-933.
28. Gammie A. The accuracy of static pressure measurement with water-filled urodynamic systems. Neurourol Urodyn. 2018;37(2):626-633.
29. Gammie A, Clarkson B, Constantinou C, et al. International continence society guidelines on urodynamic equipment performance. Neurourol Urodyn. 2014; 33(4):370-379.
30. Yalla S V., Karsh L, Kearney G, et al. Postprostatectomy urinary incontinence: Urodynamic assessment. Neurourol Urodyn. 1982;1(1):77-87.
31. Leach GE, Yun SK. Post-prostatectomy incontinence: Part I. The urodynamic findings in 107 Men. Neurourol Urodyn. 1992; 11(2):91-97.
32. Winters JC, Appell RA, Rackley RR. Urodynamic findings in postprostatectomy incontinence. Neurourol Urodyn. 1998;17(5):493-498.
33. Huckabay C, Twiss C, Berger A, Nitti VW. A urodynamics protocol to optimally assess men with post-prostatectomy incontinence. Neurourol Urodyn. 2005;24(7):622-626.

34. Kadono Y, Ueno S, Kadomoto S, et al. Use of preoperative factors including urodynamic evaluations and nerve-sparing status for predicting urinary continence recovery after robot-assisted radical prostatectomy: Nerve-sparing technique contributes to the reduction of postprostatectomy incontin. Neurourol Urodyn. 2016;35(8):1034-1039.
35. Majoros A, Bach D, Keszthelyi A, Hamvas A, Romics I. Urinary incontinence and voiding dysfunction after radical retropubic prostatectomy (prospective urodynamic study). Neurourol Urodyn. 2006;25(1):2-7.
36. Warner JN, Grimsby GM, Tyson MD, Wolter CE. Bladder capacity on preoperative urodynamics may impact outcomes on transobturator male slings. Neurourol Urodyn. 2012;31(7):1124-1127.
37. Cameron AP, Suskind AM, Neer C, et al. Functional and anatomical differences between continent and incontinent men post radical prostatectomy on urodynamics and 3T MRI: A pilot study. Neurourol Urodyn. 2015;34(6):527-532.
38. Virseda-Chamorro M, Ruiz S, García G, et al. Do voiding urodynamic parameters predict the success of adjustable transobturator male system (ATOMS) to treat postprostatectomy urinary incontinence? Neurourol Urodyn. 2020;39(6):1746-1752.
39. Hilton P, Stanton SL. Clinical and urodynamic evaluation of the polypropylene (marlex) sling for genuine stress incontinence. Neurourol Urodyn. 1983;2(2):145-153.
40. Alperin M, Abrahams-Gessel S, Wakamatsu MM. Development of de novo urge incontinence in women post sling: The role of preoperative urodynamics in assessing the risk. Neurourol Urodyn. 2008;27(5):407-411.
41. Coskun B, Lavelle RS, Alhalabi F, Lemack G, Zimmern PE. Urodynamics for incontinence after midurethral sling removal. Neurourol Urodyn. 2016;35(8):939-943.
1
42. Abdel-Fattah M, Cao G, Mostafa A. Long-term outcomes for transobturator tension-free vaginal tapes in women with urodynamic mixed urinary incontinence. Neurourol Urodyn. 2017;36(4):902-908.
43. Serati M, Sorice P, Bogani G, et al. TVT for the treatment of urodynamic stress incontinence: Efficacy and adverse effects at 13-year follow-up. Neurourol Urodyn. 2017;36(1):192-197.

44. Van Venrooij GEPM, Boon TA, Vervest HAM. Urodynamic findings in the lower urinary tract: I. Stress-incontinent vs. -continent women. Neurourol Urodyn. 1990;9(2):97-107.

45. Bemelmans BLH, Hankel M, Jacobs CHGM, Van Kerrebroeck PE V., Worm G, Debruyne FMJ. Pelvic floor reeducation and body posture correction for treatment of female urinary incontinence: Results of comprehensive pre- and post-treatment urodynamic testing. Neurourol Urodyn. 1992;11(3):209-218.

46. Chou EC-L, Blaivas JG, Chou L-W, Flisser AJ, Panagopoulos G. Urodynamic characteristics of mixed urinary incontinence and idiopathic urge urinary incontinence. Neurourol Urodyn. 2008;27(5):376-378.

47. Digesu GA, Salvatore S, Fernando R, Khullar V. Mixed urinary symptoms: What are the urodynamic findings? Neurourol Urodyn. 2008;27(5):372-375.

48. Meyer S, De Grandi P, Schmidt N, Sanzeni W, Spinosa JP. Urodynamic parameters in patients with slight and severe genuine stress incontinence: Is the stress profile useful? Neurourol Urodyn. 1994;13(1):21-28.

49. van Leijsen SAL, Kluivers KB, Mol BWJ, et al. Can preoperative urodynamic investigation be omitted in women with stress urinary incontinence? A non-inferiority randomized controlled trial. Neurourol Urodyn. 2012;31(7):1118-1123.

50. Chai TC, Huang L, Kenton K, et al. Association of Baseline urodynamic measures of urethral function with clinical, demographic, and other urodynamic variables in women prior to undergoing midurethral sling surgery. Neurourol Urodyn. 2012;31(4):496-501.

51. Jeong SJ, Kim HJ, Lee BK, et al. Women with pure stress urinary incontinence symptoms assessed by the initial standard evaluation including measurement of post-void residual volume and a stress test: Are urodynamic studies still needed? Neurourol Urodyn. 2012;31(4):508-512.

52. Zimmern P, Litman H, Nager C, et al. Pre-operative urodynamics in women with stress urinary incontinence increases physician confidence, but does not improve outcomes. Neurourol Urodyn. 2014;33(3):302-306.

53. Norton PA, Nager CW, Brubaker L, et al. The cost of preoperative urodynamics: A secondary analysis of the ValUE trial. Neurourol Urodyn. 2016;35(1):81-84.

54. Lloyd JC, Dielubanza E, Goldman HB. Trends in urodynamic testing prior to midurethral sling placement-What was the value of the VALUE trial? Neurourol Urodyn. 2018;37(3):1046-1052.
55. Clements MB, Zillioux JM, William Pike C, Rapp DE. Has the use of preoperative urodynamics for stress urinary incontinence surgery changed following the VALUE study? Neurourol Urodyn. 2020;39(6):1824-1830.
56. Serati M, Topazio L, Bogani G, et al. Urodynamics useless before surgery for female stress urinary incontinence: Are you sure? Results from a multicenter single nation database. Neurourol Urodyn. 2016;35(7):809-812.
57. Serati M, Braga A, Torella M, Soligo M, Finazzi-Agro E. The role of urodynamics in the management of female stress urinary incontinence. Neurourol Urodyn. 2019;38(S4):S42-S50.
58. Serati M, Tarcan T, Finazzi-Agrò E, Soligo M, Braga A, Athanasiou S, Balzarro M. The bladder is an unreliable witness: the case for urodynamic investigations in female stress urinary incontinence. Eur J Obstet Gynecol Reprod Biol. 2019; 7;244:35-37.
59. Jørgensen TM, Djurhuus JC, Sørensen SS. Urodynamics of refluxing ureters in man. Neurourol Urodyn. 1983;2(2):127-134.
60. Webster GD, Koefoot RB, Zakrzewski CJ, Todd S. The after-contraction in urodynamic micturition studies. Neurourol Urodyn. 1983;2(3):213-218.
61. Digesu GA, Khullar V, Cardozo L, Salvatore S. Overactive bladder symptoms: Do we need urodynamics? Neurourol Urodyn. 2003;22(2):105-108.
62. Frenkl TL, Railkar R, Palcza J, et al. Variability of urodynamic parameters in patients with overactive bladder. Neurourol Urodyn. 2011;30(8):1565-1569.
63. Park J, Lavelle JP, Palmer MH. Voiding dysfunction in older women with overactive bladder symptoms: A comparison of urodynamic parameters between women with normal and elevated post-void residual urine. Neurourol Urodyn. 2016;35(1):95-99.
64. Rosier PFWM, Giarenis I, Valentini FA, Wein A, Cardozo L. Do patients with symptoms and signs of lower urinary tract dysfunction need a urodynamic diagnosis? ICI-RS 2013. Neurourol Urodyn. 2014;33(5):581-586.

65. Giarenis I, Zacchè M, Robinson D, Cardozo L. Is there any association between urodynamic variables and severity of overactive bladder in women with idiopathic detrusor overactivity? Neurourol Urodyn. 2017;36(3):780-783.
66. Chapple C. Overactive bladder and underactive bladder: A symptom syndrome or urodynamic diagnosis? Neurourol Urodyn. 2013;32(4):305-307.
67. Dobberfuhl AD, Chen A, Alkaram AF, De EJB. Spontaneous voiding is surprisingly recoverable via outlet procedure in men with underactive bladder and documented detrusor underactivity on urodynamics. Neurourol Urodyn. 2019;38(8):2224-2232.
68. Blaivas JG, Salinas JM, Katz GP. The role of urodynamic testing in the evaluation of subtle neurologic lesions. Neurourol Urodyn. 1985;4(3):211-218.
69. Berger Y, Salinas JN, Blaivas JG. Urodynamic differentiation of parkinson disease and the shy drager syndrome. Neurourol Urodyn. 1990;9(2):117-121.
70. Shenot PJ, Rivas DA, Watanabe T, Chancellor MB. Early predictors of bladder recovery and urodynamics after spinal cord injury. Neurourol Urodyn. 1998;17(1):25-29.
71. De Ridder D, Vermeulen C, De Smet E, Van Poppel H, Ketelaer P, Baert L. Clinical assessment of pelvic floor dysfunction in multiple sclerosis: Urodynamic and neurological correlates. Neurourol Urodyn. 1998;17(5):537-542.
72. Averbeck MA, Iacovelli V, Panicker J, Schurch B, Finazzi Agrò E. Urodynamics in patients with multiple sclerosis: A consensus statement from a urodynamic experts working group. Neurourol Urodyn. 2020;39(1):73-82.
73. Nosseir M, Hinkel A, Pannek J. Clinical usefulness of urodynamic assessment for maintenance of bladder function in patients with spinal cord injury. Neurourol Urodyn. 2007;26(2):228-233.
74. Chaabane W, Guillotreau J, Castel-lacanal E, et al. Sacral neuromodulation for treating neurogenic bladder dysfunction: Clinical and urodynamic study. Neurourol Urodyn. 2011;30(4):547-550.
75. Rantell A, Lu Y, Averbeck MA, et al. What is the utility of urodynamics, including ambulatory, and 24 h monitoring, in predicting upper urinary tract damage in neuro-urological patients and other lower urinary tract dysfunction? ICI-RS 2017. Neurourol Urodyn. 2018;37(S4):S25-S31.

76. Schurch B, Iacovelli V, Averbeck MA, Carda S, Altaweel W, Finazzi Agrò E. Urodynamics in patients with spinal cord injury: A clinical review and best practice paper by a working group of The International Continence Society Urodynamics Committee. Neurourol Urodyn. 2018;37(2):581-591.

77. Tarcan T, Şekerci ÇA, Akbal C, Tinay İ, Şahan A, Bahadır Şahin B, Top T, Şimşek F: Is 40 cm H2O detrusor leak point pressure cut-off reliable for upper urinary tract protection in children with myelodysplasia? Neurourol Urodyn 2017; 36(3):759-763.

78. Jensen KM-E. Clinical evaluation of routine urodynamic investigations in prostatism. Neurourol Urodyn. 1989;8(6):545-578.

79. Spángberg A, Folkestad B, Kristjánsson B, Ask P. New method to quantify the urodynamic improvement when treating bladder outlet obstruction: The efficacy of transurethral resection in benign prostatic hypertrophy. Neurourol Urodyn. 1995;14(4):325-335.

80. Nørgaard JP. Urodynamics in enuretics I: Reservoir function. Neurourol Urodyn. 1989;8(3):199-211.

81. Gravina GL, Costa AM, Ronchi P, Paradiso Galatioto G, Gualà L, Vicentini C. Bladder outlet obstruction index and maximal flow rate during urodynamic study as powerful predictors for the detection of urodynamic obstruction in women. Neurourol Urodyn. 2007;26(2):247-253.

82. Roovers JPWR, van Laar JOEH, Loffeld C, Bremer GL, Mol BW, Bongers MY. Does urodynamic investigation improve outcome in patients undergoing prolapse surgery? Neurourol Urodyn. 2007;26(2):170-175.

83. Asfour V, Gargasole C, Fernando R, Digesu GG, Khullar V. Urodynamics are necessary for patients with asymptomatic pelvic organ prolapse. Neurourol Urodyn. 2018;37(8):2841-2846. 6

84. Vereecken RL, Van Nuland T. Detrusor pressure in ambulatory versus standard urodynamics. Neurourol Urodyn. 1998;17(2):129-133.

85. Swithinbank L V., James M, Shepherd A, Abrams P. Role of ambulatory urodynamic monitoring in clinical urological practice. Neurourol Urodyn. 1999;18(3):215-222.

86. Dokmeci F, Seval M, Gok H. Comparison of ambulatory versus conventional urodynamics in females with urinary incontinence. Neurourol Urodyn. 2010;29(4):518-521.

87. Krhut J, Zachoval R, Smith PP, Rosier PF, Valanský L, Martan A, Zvara P. Pad weight testing in the evaluation of urinary incontinence. Neurourol Urodyn. 2014;33(5):507-10.

88. Rosier PF, Kirschner-Hermanns R, Svihra J, Homma Y, Wein AJ. ICS teaching module: Analysis of voiding, pressure flow analysis (basic module). Neurourol Urodyn. 2016; 35(1):36-8.

89. Asimakopoulos AD, De Nunzio C, Kocjancic E, Tubaro A, Rosier PF, Finazzi-Agrò E. Measurement of post-void residual urine. Neurourol Urodyn. 2016; 35(1):55-7.

90. Gammie A, D'Ancona C, Kuo HC, Rosier PF. ICS teaching module: Artefacts in urodynamic pressure traces (basic module). Neurourol Urodyn. 2017; 36(1):35-36.

91. Digesu GA, Gargasole C, Hendricken C, Gore M, Kocjancic E, Khullar V, Rosier PF. ICS teaching module: Ambulatory urodynamic monitoring. Neurourol Urodyn. 2017; 36(2):364-367.

92. Tarcan T, Demirkesen O, Plata M, Castro-Diaz D: ICS Teaching Module: Detrusor leak point pressures in patients with relevant neurological abnormalities. Neurourol Urodyn 2017; 36(2):259-262.

93. D'Ancona CAL, Gomes MJ, Rosier PFWM. ICS teaching module: Cystometry (basic module). Neurourol Urodyn. 2017; 36(7):1673-1676.

94. Krhut J, Zachoval R, Rosier PFWM, Shelly B, Zvara P. Electromyography in the assessment and therapy of lower urinary tract dysfunction in adults. Neurourol Urodyn. 2018;37(1):27-32.

95. Guralnick ML, Fritel X, Tarcan T, Espuna M, Rosier PFWM: ICS-Educational Module: Cough stress test in the evaluation of female urinary incontinence: Introducing the ICS-Uniform Cough Stress Test. Neurourol Urodyn 2018; 37(5):1849-1855.