

## Publications (2009-2015)

### 1) Livres, brochures, rapports à des organismes gouvernementaux ou autres

#### Guide d'organisme gouvernemental

- [1] **Dumoulin C**, Tannenbaum C. (2009) *L'incontinence : Brisons le silence, Trucs et astuces pour les aînés*. Publication du Ministère de la Famille et des Aînés, Gouvernement du Québec (27 pages; version anglaise : *Incontinence: Breaking the Silence, tips and advice for seniors*).

#### Livre

- [1] **Dumoulin C**. (2011) *Avant et après bébé; exercices et conseils*. Montréal, Canada : Les éditions de l'Hôpital Ste-Justine (226 pages, version anglaise prévue pour 2015).

#### Brochure

- [1] **Dumoulin C**, Brown C, Perrin L, Poulin C. (2012) *La physiothérapie peut vous aider! La rééducation périnéale et pelvienne une approche spécialisée en physiothérapie*. Ordre professionnel de la Physiothérapie du Québec.

### 2) Chapitres de livres

- [1] Hay-Smith J, Berghmans B, Burgio K, **Dumoulin C**, Hagen S, Moore K, Nygaard I, N'Dow J. (2009) *Adult conservative management*. In Abrams P, Cardozo L, Khoury S, Wein A, eds. *Incontinence*, 4e édition. Plymbridge United Kingdom: Health Publication Ltd; 1025-1120. Recommandations des différents comités scientifiques de la 4e Consultation internationale en incontinence.
- [2] Abrams P, Anderson KE, Artibani W, Birder D, Bliss D, Brubaker L, Cardozo L, Chapple C, Cottenden A, De Ridder D, Dmchowski R, **Dumoulin C** et al. (2013) *Recommendations of the international Scientific Committee: Evaluation and treatment of UI, bladder pain syndrome, POP and fecal incontinence*. In Abrams PH, Cardoza L, Khoury AE and Wein A, eds. 5<sup>th</sup> Ed. *International Consultation on Urinary Incontinence*, Plymbridge United Kingdom: Health Publication Ltd; pages 1895-1950.
- [3] Moore K, **Dumoulin C**, Bradley C, Burgio K, Chambers T, Hagen S, Hunter KF, Imamura M, Thakar R, Williams K. (2013) *Adult Conservative Management*. In Abrams PH, Cardoza L, Khoury AE and Wein A, eds.: 5<sup>th</sup> Ed. *International Consultation on Urinary Incontinence*, Plymbridge United Kingdom: Health Publication Ltd; pages 1112 à 1229.

- [4] **Dumoulin C**, Morin M. (2015) *Pelvic floor dynamometry in Evidence-based Physiotherapy for the pelvic floor*. K. Bo, B. Berghmans, M. VanKampen & S. Morkved (Ed.). Elsevier Limited.

### 3) Publications de recherche ou d'érudition dans des revues dotées de Comités de pairs<sup>1</sup>

- [1] Tannenbaum C, Brouillette J, Michaud J, Korner Bitensky N, **Dumoulin C**, Corcos J, Tu le M, Lemieux MC, Ouellet S, Valiquette L. (2009) *Responsiveness and clinical utility of the Geriatric self-efficacy index for urinary incontinence*. Journal of the American Geriatrics Society; 57: 470-475.
- [2] **Dumoulin C**, Hay-Smith J. (2010) *Pelvic floor muscle training versus no treatment, or inactive control treatments, for urinary incontinence in women*. Cochrane Database Systematic Reviews; 20;(1): CD005654.
- [3] **Dumoulin C**, Bourbonnais D, Morin M, Gravel D, Lemieux MC. (2010) *Predictors of success for physiotherapy treatment in women with persistent postpartum stress urinary incontinence*. Archives of Physical Medicine and Rehabilitation; 91(7): 1059-1063.
- [4] Morin M, Gravel D, Bourbonnais D, **Dumoulin C**, Ouellet S, Pilon JF. (2010) *Application of a new method in the study of pelvic floor muscle passive properties in continent women*. Journal of Electromyography & Kinesiology; 20(5): 795-803.
- [5] **Dumoulin C**, Glazener C. (2011) *Optimiser l'efficacité de la rééducation périnéale dans le traitement de l'incontinence urinaire d'effort chez la femme – Que nous disent les évidences scientifiques? Réalités en Gynécologie-Obstétrique*; 152: 1-5.
- [6] **Dumoulin C**, Glazener C, Jenkinson D. (2011) *Determining the optimal pelvic floor muscle training regimen for women with stress urinary incontinence*. Neurourology & Urodynamics; 30(5):746-753.
- [7] Jean F, Albu AB, **Dumoulin C**. (2011) *Feature-based tracking of urethral motion in low resolution trans-perineal ultrasound*. Conference Engineering in Medicine and Biology Society; 2011: 6639-6642.
- [8] Madill S, Tang A, Pontbriand-Drolet S, **Dumoulin C**. (2011) *Comparison of two methods for measuring the pubococcygeal line from sagittal-plane magnetic resonance imaging*. Neurourology & Urodynamics; 30(8):1613-1619.
- [9] Hay-Smith EJ, Herderschee R, **Dumoulin C**, Herbison GP. (2012) *Comparisons of approaches to pelvic floor muscle training for urinary incontinence in women*. Cochrane Database Systematic Reviews; 7(12): CD009508.

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<sup>1</sup> Dans le domaine du chercheur, le 1<sup>er</sup> auteur en liste indique l'auteur principal et le dernier auteur indique le directeur du laboratoire

- [10] Madill S, Pontbriand-Drolet S, Tang A, **Dumoulin C**. (2013) *Effects of pelvic floor muscle rehabilitation on PFM function and morphology in older women*. *Neurourology & Urodynamics*; 32(8):1086-1095.
- [11] Kruger JA, Dietz HP, Budgett SC, **Dumoulin C**. (2013) *Comparison between transperineal ultrasound and digital detection of levator ani trauma. Can we improve the odds?* *Neurourology & Urodynamics*; 33(3):307-311.
- [12] **Dumoulin C**, Martin C, Elliott V, Bourbonnais D, Morin M, Lemieux MC, Gauthier R. (2013) *Randomized controlled trial of physiotherapy for postpartum stress incontinence: 7-year follow-up*. *Neurourology & Urodynamics*; 32(5):449-454.
- [13] Lussier M, Renaud M, Chiva-Razavi S, Bherer L, **Dumoulin C**. (2013) *Are stress and mixed urinary incontinence associated with impaired executive control in community-dwelling older women?* *Journal of Clinical and Experimental Neuropsychology*; 35(5):445-454.
- [14] **Dumoulin C**, Hay-Smith J, MacHabbée Séguin G. (2014) *Pelvic floor muscle training versus no treatment, or inactive control treatments, for urinary incontinence in women*. *Nay14;5:CD005654*.doi:10.1002/14651858.CD005654.pub3.
- [15] Fritel X, **Dumoulin C**. (2014) *Stress urinary incontinence treatment—surgery first?* *Nature Reviews Urology*; 11(1):10-11.
- [16] Elliott V, de Bruin E, **Dumoulin C**. (2014) *Virtual reality rehabilitation as a treatment approach for older women with mixed urinary incontinence: a feasibility study*. *Neurourology & Urodynamics*; version en ligne publiée avant l'inclusion dans un numéro.
- [17] Fraser S, Elliott V, DeBruin E, Bherer L, **Dumoulin C**. (2014) *The effects of combined video game dancing and pelvic floor training to improve dual-task gait and cognition in women with mixed-urinary incontinence*. *Accepté dans Games for Health Journal*; version en ligne publiée avant l'inclusion dans un numéro.
- [18] **Dumoulin C**, Hay-Smith J, Habée-Séguin GM, Mercier J. (2014) *Pelvic floor muscle training versus no treatment, or inactive control treatments, for urinary incontinence in women: A short version Cochrane systematic review with meta-analysis*. *Neurourol Urodyn*. 2014 Nov 18. doi: 10.1002/nau.22700. [Epub ahead of print]
- [19] **Dumoulin C**, Hunter KF, Moore K, Bradley CS, Burgio KL, Hagen S, Imamura M, Thakar R, Williams K, Chambers T. *Conservative management for female urinary incontinence and pelvic organ prolapse review 2013: Summary of the 5th international consultation on incontinence*. *Neurourol Urodyn*. 2014 Nov 15. doi: 10.1002/nau.22677. [Epub ahead of print]

- [20] Madill SJ, Pontbriand-Drolet S, Tang A, **Dumoulin C.** *Changes in urethral sphincter size following rehabilitation in older women with stress urinary incontinence.* Int Urogynecol J. 2014 Sep 25. [Epub ahead of print]
- [21] Pontbriand-Drolet S, Madill S, Tang A, **Dumoulin C.** (2014) *Pelvic floor muscle morphological and functional differences between stress urinary incontinence, mixed urinary incontinence and continence women.* Accepté dans Neurourology & Urodynamics le 12 Janvier 2014.

### Articles soumis

- [1] Sran M, Wilson P, Lieblisch P, **Dumoulin C.** (2014) *Physical therapy significantly reduces leakage in postmenopausal women with osteoporosis or low bone density and urinary incontinence: results of a randomized controlled trial.* Resoumis avec modifications à *The Journal of Urology.*
- [2] McClurg D, Frawley H, Dean S, Hay Smith J, Chen Shu Yueh, Chiarelli P, Mair F, **Dumoulin C.** (2014) *Scoping Review of Adherence Promotion Theories in Pelvic Floor Muscle Training - 2011 ICS State-of-the-Science Seminar Research Paper I of IV.* Soumis à Neurourology & Urodynamics.
- [3] **Dumoulin C.** Alewijanse D, Bo K, Hagen S, Stark D, Van Kampen M, Herbert J. Hay Smith J, Frawley H, McClurg D. (2014) *Pelvic-Floor-Muscle Training Adherence: tools, measurements and strategies -2011 ICS State-of-the-Science Seminar Research Paper II of IV.* Soumis à Neurourology & Urodynamics.
- [4] Hay Smith EJ, Dean S, Burgio K, McClurg D, Frawley H, **Dumoulin C.** (2014) *Pelvic-Floor-Muscle-Training Adherence 'Modifiers': a review of primary qualitative studies - 2011 ICS State-of-the-Science Seminar Research Paper III of IV.* Soumis à Neurourology & Urodynamics.
- [5] Frawley H, McClurg D, Mahfooza A, Hay-Smith J, **Dumoulin C.** (2014) *Health professionals' and patients' perspectives on Pelvic-Floor-Muscle-Training Adherence - 2011 ICS State-of-the-Science Seminar Research Paper IV of IV.* Soumis à Neurourology & Urodynamics.
- [6] **Dumoulin C,** Hay-Smith J, Frawley H, McClurg D. (2014) *Consensus Statement on Improving Pelvic Floor Muscle Training Adherence: International Continence Society 2011 State-of-the-Science Seminar.* Soumis à Neurourology & Urodynamics.
- [7] Tang A, Cauffman C, Madill S, Pontbriand-Drolet, **Dumoulin C.** (2014) *Quantification of Levator Ani Movement Using Rest and Dynamic Magnetic Resonance Imaging of the Pelvic Floor in Continent and Incontinent Women.* Soumis à Neurourology and Urodynamics, Août 2014
- [8] Bernard S, Ouellet MP, Moffet H, Roy JS, Dumoulin C. *Effects of radiation therapy on the structure and function of the pelvic floor muscles of patients with cancer in the pelvic area: a systematic review. Submitted to Journal of Cancer Survivorship: Research and Practice*