

## An-Sofie Goessaert

Uroloog, PhD

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### OPLEIDING

2011-2018	<b>Master of medicine in de specialistische geneeskunde, urologie</b> , UGent
2008-2011	<b>Master of medicine in de geneeskunde</b> , Universiteit Gent - <i>afgestudeerd met grote onderscheiding</i>
2004-2008	<b>Bachelor of medicine in de geneeskunde</b> , Universiteit Gent - <i>afgestudeerd met onderscheiding</i>
2002-2004	<b>Grieks-Wiskunde</b> , Sint-Hendriks en Zusters Maricolen Instituut Deinze
1998-2002	<b>Grieks-Latijn</b> , Sint-Hendriks en Zusters Maricolen Instituut Deinze

### WERKERVARING

2018-2019	<b>Resident Functionele Urologie</b> , Universitair Ziekenhuis Gent
2015-2018	<b>Assistent Urologie</b> , Universitair Ziekenhuis Gent
2014-2015	<b>Assistent Urologie</b> , Algemeen Stedelijk Ziekenhuis Aalst
2013-2014	<b>Assistent Algemene Chirurgie</b> , OLV te Lourdes Ziekenhuis Waregem
2011-2013	<b>Onderzoeker / PhD student</b> , Dienst Urologie, Universitair Ziekenhuis Gent

### WETENSCHAPPELIJKE ERVARING

#### Onderzoek

- Eigen onderzoek :
  - o Wetenschappelijk onderzoek in het kader van een doctoraat, PhD (augustus 2011-juli 2013): *Nocturia in adults, with a special emphasis on pathogenesis and treatment of nocturnal polyuria*  
(binnen dit project begeleiding van 2 masterproefstudenten)  
>> verdediging 19/11/2015
  - o Wetenschappelijke stage Dienst Urologie UZ Gent (januari-mei 2011): *Characteristics of adults with nocturia*
- Begeleiding onderzoek:
  - o Copromotor of Rebecca Haddad, lopend PhD onderzoek: *Nocturia through the prism of ageing*
  - o Copromotor of Kim Pauwaert, lopend PhD onderzoek: *The impact of age-related changes and lifestyle factors on lower urinary tract symptoms above the age of 50*
  - o Copromotor van Marie-Astrid Denys, PhD: *Unraveling nocturia in adults*  
>> verdediging 26/10/2017

## Publicaties

### Hoofdstuk Boek

- Practical Functional Urology. Heesakkers et al. Elsevier 2016. \* chapter Nocturia

### A1-publicaties

- Mohaghan T., Verbalis J., Haddad R., Pauwaert K., Agudelo C., Goessaert A., Denys M., Lazar J., Bliwise D., Vande Walle J., Wein A., Weiss J., Everaert K. Diagnosing nocturnal polyuria from a single nocturnal urine sample. Eur Urol Focus. 2019 ; epub ahead of print.
- Ghijselings L., Van de Putte D., Hervé F., Goessaert A.S., Beeckman D., Pattyn P., Everaert K. The OptiLUTS trial : improving care for therapy-resistant symptoms of the pelvis in Belgium. Acta Clin Belg. 2019 Jun 18:1-6.
- Viaene A., Roggeman S., Goessaert A.S., Kessler T., Mehnert U., Van Besien W., De Muyck M., Everaert K. Conservative treatment for leg oedema and the effect on nocturnal polyuria in patients with spinal cord injury. BJU Int. 2019 ; 123(5A) :E43-E50.
- Bruneel E., Goessaert A.S., Denys M.A., Juul K.V., Norgaard J.P., Everaert K. An exploratory pilot study with copeptin as a biomarker for individualizing treatment for nocturnal polyuria. Low Urin Tract Symptoms. 2019; 11(1)-43-47.
- Denys M.A., Decalf V., Kumps C., Petrovic M., Goessaert A.S., Everaert K. Pathophysiology of nocturnal lower urinary tract symptoms in older patients with urinary incontinence. Int J Urol. 2017; epub ahead of print.
- Denys M.A., Goessaert A.S., Dejaeghere B., Decalf V., Hoebeke P., Everaert K. A different way to study frequency volume charts in patients with nocturia. Neurourol Urodyn. 2017; epub ahead of print.
- Denys M.A., Kapila V., Weiss J., Goessaert A.S., Everaert K. Basic or extended urine sampling to analyse urine production? Neurourol Urodyn. 2017; 36(7): 1867-1875.
- Denys M.A., Viaene A., Goessaert A.S., Van Haverbeke F., Hoebeke P., Raes A., Everaert K. Circadian rhythms in water and solute handling in adults with a spinal cord injury. J Urol. 2017; 197(2): 445-451.
- Denys M.A., Decalf V., Goessaert A.S., Petrovic M., Van Kerrebroeck P., Everaert K. Lower urinary tract symptoms in an older population: novel concepts for future research. Minerva Urol Nefrol. 2016; 68(3): 314-315.
- Jones J., Van de Putte D., De Ridder D., Knowles C., O'Connell P.R., Nelson D., Goessaert A.S., Everaert K. A joint mechanism of action for sacral neuromodulation for bladder and bowel dysfunction? Urology. 2016; 97:13-19.
- Goessaert A.S., Everaert K., Hoebeke P., Vande Walle J. Pharmacokinetics and pharmacodynamics of the oral disintegrating tablet of desmopressin in adults with nocturnal polyuria: a pilot study. Adv Ther. 2015; 32(9): 799-808.
- Goessaert A.S., Vande Walle J., Bosch J.L.H.R., Hoebeke P., Everaert K. Nocturnal polyuria: excess of nocturnal urine production, excess of definitions – influence on renal function profile. J Urol. 2015; 195(3): 670-676.
- Bosch J.L., Everaert K., Weiss J.P., Hashim H., Rahnama'i M.S., Goessaert A.S., Aizen J. Would a new definition and classification of nocturia and nocturnal polyuria improve our management of patients? ICI-RS 2014. Neurourol Urodyn. 2016; 35(2); 283-287.
- Goessaert A.S., Everaert K., Hoebeke P., Kapila A., Vande Walle J. Nocturnal enuresis and nocturia, differences and similarities – lessons to learn? Acta Clin Belg. 2015; 70(2): 81-86.
- Goessaert A.S., Krott L., Hoebeke P., Vande Walle J., Everaert K. Diagnosing the pathophysiologic mechanisms of nocturnal polyuria. European Urology, 2015. 67(2): 283-288.
- Goessaert A.S., Krott L., Vande Walle J., Everaert K. Exploring nocturia: gender, age, and causes. Neurourol Urodyn. 2015; 34(6): 561-565.
- Everaert K., Goessaert A.S., Vande Walle J. Arterial hypertension related to the injection of onabotulinumtoxinA in the detrusor. Acta Clin Belg. 2014; 69(2): 122-124.
- Goessaert A.S., Schoenaers B., Opdenakker O., Hoebeke P., Everaert K., Vande Walle J. Long-term followup of children with nocturnal enuresis: increased frequency of nocturia in adulthood. J Urol. 2014; 191(6): 1866-1870.
- Goessaert A.S., Denys M.A., Deryckere S., Everaert K. Nocturnal polyuria in a nursing home and effect on quality of life. J Am Geriatr Soc. 2013; 61(10): 1812-1813.

- Denys M.A., Goessaert A.S., Everaert K. Comment on “The effect of angiotensin inhibition on urinary incontinence-data from the National Health and Nutrition Examination Survey (2001-2008)” *Neurourol Urodyn.* 2013; epub ahead of print
- Mangera A., Cartwright R., Tikkinen K., Goessaert A.S., Chapple C. What was hot at the ICS meeting 2012. *Neurourol Urodyn.* 2013; 32 (1): 2-8.
- Goessaert A.S., Everaert K. Onabotulinum toxin A for the treatment of neurogenic detrusor overactivity due to spinal cord injury or multiple sclerosis. *Exp Rev Neurother.* 2012; 12 (7): 763-775.
- Goessaert A.S., Antoons S., Van Den Driessche M., Tourchi A., Pieters R., Everaert K. No-touch intermittent catheterization: caregiver point of view on sterility errors, duration, comfort and costs. *J Adv Nurs.* 2013; 69(9): 2000-2007.
- Esposito E., Deventer K., T'Sjoen G., Vantilborgh A., Delbeke F., Goessaert A.S., Everaert K., Van Eenoo P. Qualitative detection of desmopressin in plasma by liquid chromatography-tandem mass spectrometry. *Anal Bioanal Chem.* 2012; 402: 2789-2796.
- Ost P., Lumen N., Goessaert A.S., Fonteyne V., De Troyer B., Villeirs G., De Meerleer G. Salvage high-dose intensity modulated radiotherapy after radical prostatectomy for rising/persisting PSA : 5-year results. *Eur Urol.* 2011; 60(4):842-849.
- Lumen N., Monstrey S. Goessaert A.S., Oosterlinck W., Hoebeke P. Urethroplasty for strictures after phallic reconstruction: a single-institution experience. *Eur Urol.* 2010; 60(1): 150-158.
- Goessaert A.S., Pil K., Veramme J., Verstraete A. Analytical evaluation of a rapid on-site oral fluid drug test. *Anal Bioanal Chem.* 2010. 396: 2461-2468.

#### *A2-publicaties*

- Hervé F., Lumen N., Goessaert A.S., Everaert K. Persistent urinary incontinence after a robot-assisted artificial urinary sphincter procedure: lessons learnt from two cases. *BMJ Case Rep.* 2016.
- Goessaert A.S., Vande Walle J., Kapila A., Everaert K. Hormones and nocturia: guidelines for medical treatment? (2014) *Steroids & Hormonal Science.* 5(2).
- Everaert K., Goessaert A.S., Hamerlynck T., Van De Putte D., Pattyn P., Weyers S. Genitale prolaps: prothesemateriaal gebruiken of herstel met lichaamseigen weefsel? (2014) *Tijdschrift voor geneeskunde.* 70(17) 977-982.
- Verstraete A., Goessaert A.S., Veramme J. Comparison of the drug concentrations in oral fluid collected by two sampling methods (Varian OraLab and StatSure Saliva Sampler). (2011) *Annales de toxicologie analytique.* 23(3) 133-138.

#### **Presentaties:**

- ICS 2019 Göteborg (3-6/09/2019): *workshop (Chair):*  
\*A patient oriented nocturia algorithm
- MSG (Master Specialistische Geneeskunde) (29/05/2019 in Ghent):  
\*Urinary Incontinence - What to do?
- New Insights on urinary incontinence, OAB & CAP (23-24/11/2018 + 01-02/02/2019 in Ghent):  
course director
- ELUTS 2018 Milan (20-22/09/2018): *presentation:*  
\*Current treatment of nocturia in males with prostatic enlargement
- ICS 2018 Philadelphia (27-31/08/2018): *workshop:*  
\*Nocturnal LUTS, what, when, standardization of terminology
- MSG (Master Specialistische Geneeskunde) (29/05/2018 in Ghent):  
\*Urinary Incontinence - What to do?
- NOPIA Autumn School 2018 Middle East: *presentations:*  
\*Osmotic diuresis, gateway to lifestyle interventions  
\*Diagnosing nocturia: RBC & NP (cases)
- EAU 2018 (16-20/03/2018): *plenary sessions:*  
\*Diagnosing the pathophysiologic mechanisms of nocturnal polyuria  
\*Prize winner 6th International Neuro-Urology Meeting: Nocturnal polyuria in spinal cord injury patients and the effect of conservative measures on urine production  
\*Chronic Obstructive Pulmonary Disease (COPD)/Sleep apnoe

- INUM Zurich (26-28/01/2018): *presentation (nominee for the Swiss Continence Foundation Award):*  
\*Nocturnal polyuria in spinal cord injury patients & the effect of conservative measures on urine production
- NOPIA Autumn School 2017: *presentation*  
\*Renal function profiles, phenotyping and short form: cases
- ICS Firenze (12-15/11/2017):  
*workshop (chair + presentation):*  
\* Causes and co-morbidities of nocturia  
*poster presentation:*  
\* Circadian variations in water and sodium handling according to age: a comparison between subjects with and without nocturnal polyuria
- Nocturna Launch meeting Brussels (18/04/2017): *presentation:*  
\* Treating nocturia: are all desmopressin formulations the same?
- NOPIA autumn school Ghent (28/10/2016): *presentation:*  
\* Renal function profiles, phenotyping and short forms
  - o ICS Tokyo (13-16/09/2016): *workshop:*  
\*Aging of the kidney, consequences for LUTS
- Elautprij's Turnhout (30/01/2016): *oral presentation:*  
\* Pharmacokinetics and -dynamics of desmopressin melt in adults with nocturnal polyuria
- NOPIA autumn school Ghent (20/11/2015): *presentation:*  
\* Renal function profiles
- Public defense PhD research (19/11/2015):  
\* Nocturia in adults, with a special emphasis on pathogenesis and treatment of nocturnal polyuria
- EAU Stockholm (11-15/04/2014):  
*symposium:*  
\* Causes and impacts of nocturia and bedwetting  
*poster presentation:*  
\* Extent to which a voiding diary is used to reach diagnosis in nocturia patients: Results of a real world survey of physicians and patients in Europe and the USA (*selected as best poster of the session*)
- Elautprij's Aalst (25/01/2014): *oral presentation:*  
\*Towards a more holistic approach of nocturia?
- IPNA Shanghai (31/08/2013):  
\* Long-term follow-up of children with nocturnal enuresis - do enuretics become nocturics?
- ICS Barcelona (26-31/08/2013):  
*workshop:*  
\* Nocturia, what about it?  
*poster presentation:*  
\* Nocturnal polyuria in a nursing home & effect on quality of life  
\* Circadian rhythms of renal functions in patients with paraplegia and tetraplegia  
*non-discussion poster:*  
\* Nocturnal polyuria or not? Role of circadian rhythm of renal functions  
\* Weight depending dosing of desmopressin (dDAVP) in nocturnal enuresis  
*podium presentation:*  
\* Development of a short-form for evaluating the pathophysiologic mechanisms of nocturia (MA Denys)
- Advisory board Ferring (08/06/2013):  
\* Research on nocturia (preliminary PhD-results)
- Springschool Aarhus (01/06/2013):  
\* Similarities between nocturnal enuresis and nocturia - *what can we learn?*
- Infosession continence clinic (31/05/2013):  
\* Getting up to void at night or stay in bed?
- Infosession Ghent University Hospital (25/04/2013):  
\*Nocturia, I wish I could sleep through the night!

- Workgroup functional urology BAU Brussels (23/04/2013):  
\*Nocturia, an underestimated problem
- Alumni Faculty Medicine Ghent University (27/03/2013):  
\*Sacral neuromodulation: the effect on urinary incontinence
- Course 'Pelvic reeducation' for physiotherapists - part urology (03/02/2013)
- Elautprijis Antwerp (26/01/2013): *oral presentation*:  
\*Circadian rhythms of renal functions in an adult nocturic population (second clinical price)
- BAU Brussels (07/12-08/12/2012): *poster presentation*:  
\*Nocturnal polyuria & urinary retention (selected as one of the ten best posters)
- ICS Beijing(15/10-19/10/2012): *poster presentation*:  
\*Long-term follow-up of children with nocturnal enuresis  
*non-discussion poster*:  
\*Circadian rhythms of renal functions in an adult nocturic population  
\*Cost-effectiveness analysis of education on incontinence care in a nursing home
- ICCS London (12/10 - 14/10/2012): *poster presentation*:  
\*Long-term follow-up of children with nocturnal enuresis
- ESPN Krakow (14/09 - 17/09/2012): *poster presentation*:  
\*Long-term follow-up of children with nocturnal enuresis
- Young Urology Meeting Bristol (7/05-8/05/2012): *oral presentation* (on invitation)  
\* Nocturia and other urinary symptoms in former enuretic patients
- Ghent - Aarhus Spring School (27/04-28/04/2012): *oral presentation* (on invitation)  
\* Similarities between nocturnal enuresis and nocturia - What can we learn?
- ICS Glasgow (31/08-02/09/2011): *poster presentations*  
\* NO-touch intermittent catheterization: as safe as the standard catheterization technique?  
\* Superiority of desmopressin as oral lyophilisate formulation compared to tablet, related to less interference by associated foodintake  
\* Pharmacokinetic characteristics of desmopressin oral lyophilisate (melt) and tablet formulation in children

### Prijzen & Beurzen:

- *Swiss Continence Foundation Award* (27/01/2018):  
\*Nocturnal polyuria in spinal cord injury patients & the effect of conservative measures on urine production
- *Beurs voor internationalisering van de ASO via MSG*: klinische stage op de Dienst Urologie, Sheffield Hallam University, UK, bij Prof. C. Chapple, verdieping in de urethra chirurgie bij vrouwen (Nov 2017)
- *Best poster of the session*: EAU Stockholm (11-15/04/2014):  
\* Extent to which a voiding diary is used to reach diagnosis in nocturia patients: Results of a real world survey of physicians and patients in Europe and the USA
- *Tweede klinische prijs*: Elautprijis Antwerp (26/01/2013):  
\*Circadian rhythms of renal functions in an adult nocturic population (second clinical price)
- *Best poster*: BAU Brussels (07/12-08/12/2012):  
\*Nocturnal polyuria & urinary retention
- *Dehousse research grant* (2011-2013)

### ANDERE

member of the EAU Young Academic Urologists - Functional Urology (2018 - 2019)

member of ICS Education Committee - trainee subcommittee (2012 - 2015)

board member of ESRU Belgium (2014-2015)

mama van Marilou en Maurits, gehuwd met Tim