APPENDIX

Supplementary Figure 1. Survey provided to urologists.

Demogra	anhire
DUMUEL	apmos

1.	What	is	your	age?

- 2. Where do you practice?
- 3. Which of the following aligns closest to your practice centre:

Academic centre that provides SNM implantation/care
O Academic centre that does not provide SNM implantation/care
O Community centre that provides SNM implantation/care
Community centre that does not provide SNM implantation/care

- 4. Which of the following best describes your practice setting?
- O Solo practice
- Small group practice (2-5 urologists)
- Large group practice (>5 urologists)
- 5. Since finishing residency, how many years have you been in practice?

6. Which of the following best describes your experience with SNM?
O I have not heard of SNM and have no experience with it.
O I am aware of SNM but have no experience with it.
O I am aware of SNM and have observed implantation or care of patients with implanted SNM devices.
O I am aware of SNM and have cared for patients with it.
O I am aware of SNM and have actively referred patients for consideration of SNM.
O I implant sacral neuromodulators in my practice.
Survey Items 1. Do you believe SNM is:
O Underutilized
Overutilized
O Adequately Utilized
O Do not know

2. How strongly do you agree or disagree with the following statements:

	Strongly disagree	Somewhat disagree	Undecided or Not Applicable	Somewhat agree	Strongly agree
A I feel confident to be able to accurately recommend SNM to patients appropriately.	0	0	0		0
B I feel confident to be able to accurately manage patient care and issues related to SNM devices after implantation.	0				
C I have had patients that needed SNM therapy but decided against it due to distance from the providing center.	0				0

D I have had patients that			
have needed			
SNM therapy			
but decided			
against it due	\bigcirc	\bigcirc	
to the waitlist			
times from			
the providing			
center.			

3. How strongly do you agree or disagree with the following statements:

	Strongly disagree	Somewhat disagree	Undecided or Not Applicable	Somewhat agree	Strongly agree
A I believe the literature reported efficacy is achievable in my patients.	0	0	0	0	0
B My patients mostly have a positive experience after having SNM implantation.	0			0	
C My patients mostly have a good clinical outcome after having SNM implantation.	0	0	0	0	0
D My patients have negative side effects after having SNM implantation.	0	0	0	0	
E I believe that the use of sacral neuromodulation is overly invasive for OAB.	0			0	

F In my group practice there are other urologists that refer patients for SNM for OAB.	0	0			0
G In my group practice there are other urologists that refer patients for intravesical Onabotulinum-A toxin injections for OAB.	0				
4. Does your currer refractory OAB?	nt practice prov	vide intravesical	Onabotulinum-	A toxin injectio	ns for medically
○ No					
O Yes					

5. How strongly do you agree or disagree with the following statements:

	Strongly disagree	Somewhat disagree	Undecided or Not Applicable	Somewhat agree	Strongly agree
A When considering offering or referring for SNM therapy for medically refractory OAB patients, I am concerned about loss of income from lack of patient follow-up and intravesical Onabotulinum-A toxin injections.			0	0	0
B I believe that my frequency of offering SNM compared to intravesical Onabotulinum-A toxin injection for medically refractory OAB has changed over time.			0	0	0
C I have had patients that needed SNM therapy, but I was unable to connect them to the appropriate care.	0	0	0	0	0
D I have had patients that have needed SNM therapy but could not offer it due to lack of governmental support funding implantation and treatment.	0	0	0	0	0

6. How frequently do you have thoughts of increasing your offering of SNM when deciding between treatment options for eligible patients?

	Never	Very Rarely	Rarely	Occasionally	Frequently	Always
Frequency	7.	8.	9.	10.	11.	12.

7. What are the most important barriers that you foresee in implementing or expanding current SNM implantation capability?

Supplementary Figure 2. Case vignette provided to respondent urologists.

Case presentation:

You are seeing a 52-year-old female patient in clinic after following them for overactive bladder (OAB) over the past year. She has frequent episodes of urinary incontinence (>10 episodes/day). Previously, you have counselled her on behavioural therapies and lifestyle modifications which were ineffective in managing her symptoms. More recently she has failed dual oral therapy with antimuscarinics and mirabegron. She had urodynamics performed which confirms urgency urinary incontinence with no evidence of stress urinary incontinence.

Which of the following would you offer this patient? (Select one)

- 13. Continued observation.
- 14. Modification of antimuscarinic therapy differing dose, agent or combination therapy
- 15. Intravesical OnabotulinumA Toxin Injection.
- 16. Percutaneous Tibial Nerve Stimulation.
- 17. Sacral Neuromodulation.

Are there reasons why you would not consider SNM in this context? Please list all:					
	Lack of availability				
	Lack of funding				
	Lack of expertise				
	Remuneration considerations				
	Other:				
	Do not know				