



# Why do we not talk about incontinence?

 Explore barriers to talking about urinary incontinence and its impact on older adults.

# What is causing urinary incontinence?

 Identify common types of urinary incontinence and their contributing factors.

# What can I do to help manage incontinence?

 Learn practical strategies for managing urinary incontinence. I'm worried that I won't be able to find a bathroom while I'm out.

Is it going to get worse as I get older?

I don't know if I can still be intimate with my partner.

Most of the time, I just don't want anyone to know.

I don't think I smell, do I?

I'm worried that my family and friends will look at me differently.

(Javanmardifard et al., 2022)



- Helplessness
- Feeling of shame
- Embarrassment
- Self- blame
- Not wanting to be a burden
- Believing it is a normal part of ageing
- Cultural beliefs

(Norton, 2012)

- Insufficient time
- Not feeling confident on how to manage
- Lack of privacy during assessment
- Offering containment
- Cultural beliefs



(Rolnick et al., 2013)



Do you find that it is difficult to pee, have a very slow stream, or feel you have not emptied your bladder after peeing?

Just ASK!

Do you ever leak urine on your way to the washroom?

## Requirements for continence

O1 Store urine.

Recognize toileting needs and ability to find toilet.

O2 Sense the urge.

Manage toileting needs.

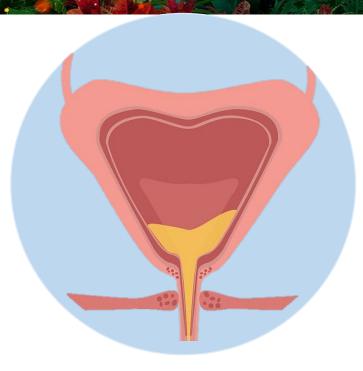
Suppress the urge until able to reach the toilet.

Empty completely.

(Cowie, 2014)

## What's age got to do with it?

- Decreased elasticity in detrusor muscles.
- Decreased urine concentrating ability.
- Uninhibited bladder contractions.



- Diurnal urine output occurs later in the day.
- Urethral closure pressure decreases.
- Vaginal atrophy.
- Prostate hypertrophy.

(American Geriatric Society, 2014).

## **Past Medical History**

- Diabetes
- Heart Failure
- Depression
- Osteoarthritis
- History of Constipation

#### Medications

- Lasix 40 mg BID
- Metformin 500 mg BID
- Citalopram 10mg daily

## **Parity**

3 Vaginal births



#### **Functional Status**

- Ambulates independently with 4WW
- Independent with IADLs and ADLs

#### Substance use

- Smoking 1 pack a week
- 1 glass of wine with dinner

## Fluid Intake

- 1L of water per day
- 2 cups of coffee a day



- Stress
- Urge
- Overflow
- Functional





Reversible causes

**D** elirium

I ntake of fluid

**S** tool impaction and constipation

A trophic vaginitis

**P** sychological problems

**P** harmaceuticals

**E** xcess urine output

A bnormal lab values

**R** estricted mobility

(Skelly et al., 2006).

#### 24 HOUR VOIDING RECORD

TRY TO HOLD 200-400 ML IN YOUR BLADDER BEFORE YOU GO TO THE BATHROOM. TRY NOT TO HOLD MORE THAN 800 ML AT ONE TIME.

Time	Urine	Drink	Wet Event	Pad/brief	Time	Urine	Drink	Wet Event	Pad/brief
	volume	Type &	checkmark	change		volume	Type &	checkmark	change
		amount	(√)	()			amount	(√)	()
6:00am					6:00 pm				
morning					evening				
6:30 am					6:30 pm				
7:00 am					7:00 pm				
7:30 am					7:30 pm				
8:00 am					8:00 pm				
8:30 am					8:30 pm				
9:00 am					9:00 pm				
9:30 am					9:30 pm				
10:00 am					10:00 pm				
10:30 am					10:30 pm				
11:00 am					11:00 pm				
11:30 am					11:30 pm				
12:00 am					12:00 pm				
afternoon					night				
12:30 am					12:30 am				
1:00 pm					1:00 am				
1:30 pm					1:30 am				
2:00 pm					2:00 am				
2:30 pm					2:30 am				
3:00 pm					3:00 am				
3:30 pm					3:30 am				
4:00 pm					4:00 am				
4:30 pm					4:30 am				
5:00 pm					5:00 am				
5:30 pm					5:30 am				



Do you leak urine when you laugh, cough, or sneeze?

## **What To Do**

Fluid management and Scheduled voiding Weight loss
Pelvic floor muscle training

sneezing.

laughing, coughing,

closed

(Doughty & Burns, 2006)

## Pelvic floor strengthening

"The Wave"

While lying on your back with knees bent, try to tighten your pelvic floor muscles one section at a time.

Begin by contracting the anus as if you wanted to prevent the passage of gas. Hold for 5 seconds and relax.

Contract the vagina as if you wanted to stop urine flow. Hold again for 5 seconds and relax. Finally contract in the front as if you wanted to hold urine. Hold for 5 seconds and relax. Wait for 10 seconds before starting another contraction.

Do this exercise 5-10 times, 3 times a day.

#### DON'T

- Hold your breath!
- Use muscles other than those of the pelvic floor such as the buttocks and abdominals. A hand on the abdominals can act as a reminder to keep this area relaxed.

- Get discouraged, improvement usually takes 6-8 weeks of consistent exercise!

# Urge incontinence Requirement Challenge Suppress the Urge The urge to void immediately preceding or activity Bladder muscle over activity

## What to Do

Quit smoking Fluid Management Pelvic floor exercises Urge suppression aka Bladder Training

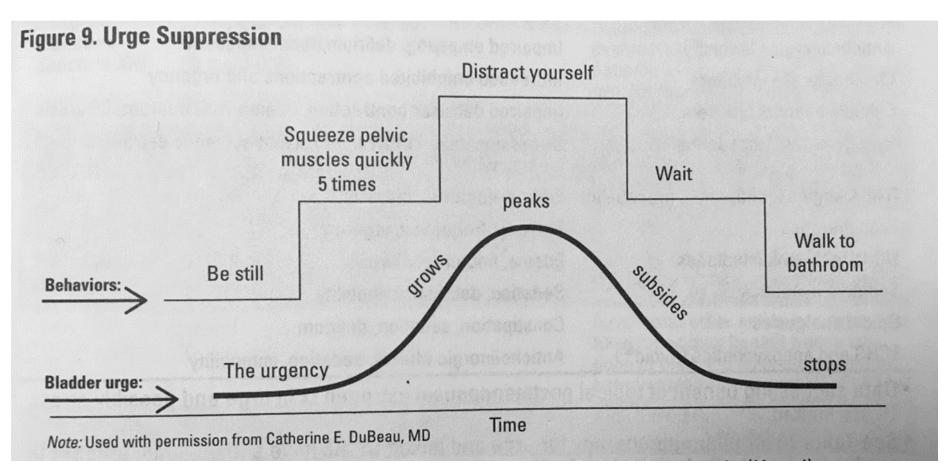
urine.

accompanied by

involuntary leakage of

Do you ever leak urine on your way to the washroom?

(Krissovich, 2006)



(American Geriatrics Society, 2016).



Do you find that it is difficult to pee, have a very slow stream, or feel you have not emptied your bladder after peeing?

Requirement Challenge	In Nutshell	Why it Happens
Empty completely	Urine leakage in the setting of incomplete bladder emptying	Urethral obstruction or an underactive bladder muscle

## What to Do

Encourage pt to take their time voiding Double voiding Treat any constipation Address causes of retention

(Moore, 2006)

## Functional incontinence

Challenge	
Ability to get to the toilet and manage toileting needs	Multisystem and multidimensional impairments outside of the GU system that impair voiding

In Nutshell

## Such as:

- Altered Cognition
- Low motivation to be continent
- Environmental barriers
- Physical function

## What to Do

Requirement

Modification of barriers to Incontience Scheduled voiding

(Thompson, 2006)

## Key Take Aways

• Interventions do no need to be grandiose! Sometimes just making sure bowels are moving and appropriate fluids are being consumed is a perfect start.

 Recommend small interventions and slowly, they can then build on each other.

 Provide patient education in various formats- i.e. verbal and written

## Where to get help

- Publically funded physiotherapy clinics- for pelvic physiotherapy
- Cnca.ca Canadian Nurses' Continence Advisor
- Mount Sinai Healthy Ageing and Geriatrics website-PDFs for Managing Incontinence and Managing Constipation
- yourpelvicfloor.org

## Thank you!

- Disney- for the photos!
- Tasneem Owadally, U of T Masters of Nursing student- for content development and formatting!



## References

American Geriatric Society (2014). Geriatric Nursing Review Syllabus: A Core Curriculum in Advanced Practice Geriatric Nursing. 4th edition, Editors in Chief Flaherty E., Resnick, B.

American Geriatrics Society. (2016). Geriatrics at your fingertips.

Skelly, J., Carr, M., Cassel, B, Robbs, L. & Whytock, S. (2006). *Promoting Continence care: A bladder and bowel handbook for care providers.* Hamilton, Ontario: Custom Courseware McMaster University Press.

Doughty, D., & Burns, P. (2006). Chapter 4: Pathology and management of stress incontience. In D. Doughty (Ed.), *Urinary and fecal incontience: Current management concepts* (3<sup>rd</sup> Edition) (pp. 77-107). St. Louis, MI: Mosby Elsevier.

Krissovich, M. (2006). Chapter 5: Pathology and management of overactive bladder. In D. Doughty (Ed.), *Urinary and fecal incontinence: Current management concepts*. (3rd Edition) (pp. 109-165). St. Louis, MI: Mosby Elsevier.

Thompson, D. (2006). Chapter 6: Pathology and management of functional factors contributing to incontinence. In D. Doughty (Ed.), *Urinary and fecal incontinence: Current management concepts*. (3rd Edition) (pp. 167-176). St. Louis, MI: Mosby Elsevier.

Cowie, B. (2014). Chapter 1: Introduction to Urinary Incontinence. *In P. Eyles (Ed.) Promoting continence care, A bladder and bowel handbook for care providers (pp. 1-7), Hamilton: McMaster University Press.* 

Javanmardifard, S., Gheibizadeh, M., Shirazi, F., Zarea, K., & Ghodsbin, F. (2022). Psychosocial experiences of older women in the management of urinary incontinence: A qualitative study. *Frontiers in Psychology*, *13*, 785446–785446. <a href="https://doi.org/10.3389/fpsyg.2022.785446">https://doi.org/10.3389/fpsyg.2022.785446</a>

Rolnick, S., Bliss, D. Z., Jackson, J. M., Arntson, C., Mullins, J., & Hepburn, K. (2013). Healthcare providers' perspectives on communicating incontinence and skin damage information with patients with dementia and their family caregivers: a descriptive study. *Ostomy/Wound Management*, 59(4), 62–67.

Norton, C. (2012). Understanding the Taboos about Bladders and Bowels.

