

**Choosing  
Wisely  
Canada**



**Choisir  
avec soin**



# Choosing Wisely in Long-Term Care During COVID

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**Vic-SI Long-Term Care Learning Series Event**

**March 30, 2021**

# Faculty/Presenter Disclosure

- **Faculty: Elliot Lass**
- **Relationships with financial sponsors:**
  - Any direct financial relationships including receipt of honoraria: None
  - Memberships on advisory boards or speakers' bureau: None
  - Patents for drugs or devices: None
  - Other: financial relationships/investments: None

# Disclosure of Financial Support

- **Potential for conflict(s) of interest:**

- I am on the Choosing Wisely Canada Primary Care Advisory Committee
- I helped create the newest recommendation for COVID in conjunction with the Canadian Society for Long-Term Care Medicine as part of my fellowship's academic project
- Neither of these positions were paid

# Mitigating Potential Bias

- None



# Overview

1. Choosing Wisely Canada Overview
2. Choosing Wisely Canada Long-Term Care Recommendations - *including the newest recommendation!*
3. Choosing Wisely Canada for COVID
4. COVID adaptations for Long-Term Care



## Unnecessary Care in Canada

April 2017

Choosing  
Wisely  
Canada

 Canadian Institute  
for Health Information  
Institut canadien  
d'information sur la santé

**The report found that up to 30% of the tests, treatments and procedures associated with the 8 selected CWC recommendations are potentially unnecessary.**



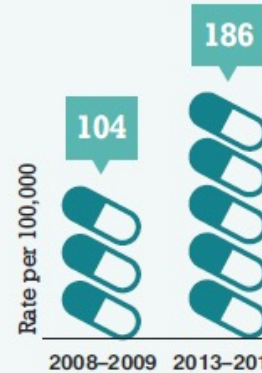
# Key findings



In Alberta,  
**30%**

of patients with lower-back pain without red flags

**had at least one unnecessary X-ray, CT or MRI.**



In Manitoba, Saskatchewan and B.C.,  
**rates of low-dose quetiapine**  
(commonly used to treat insomnia) increased among children and young adults age 5 to 24, even though this is not recommended by experts.



**1 in 10 seniors in Canada uses a benzodiazepine (sedative-hypnotic) on a regular basis,** even though this is not recommended by experts.



In Ontario, Saskatchewan and Alberta,


**18% to 35%**

of patients who had a low-risk procedure  
**had a preoperative test.**





MORE IS  
**NOT**  
ALWAYS  
BETTER



I've always  
done this

The patient  
wants it

\$\$

New tests  
are good

I don't want  
to get sued

Better to do  
something than  
do nothing

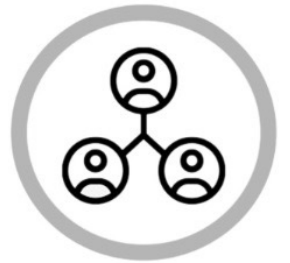
Referring doctor  
wants it

**Choosing Wisely Canada** is the national voice for reducing unnecessary tests and treatments in health care.

# What is unique about CWC?



Clinician led



Bottom-up approach



Evidence-based



Simple



# FOUR QUESTIONS TO ASK YOUR DOCTOR

- 1) Do I really need this test, treatment or procedure?
- 2) What are the downsides?
- 3) Are there simpler, safer options?
- 4) What happens if I do nothing?



# Choosing Wisely Canada in LTC

- CIHI has illustrated that long-term care settings are an area of interest for potential improvement
- Patients are more complex, have more comorbidities, and there is more uncertainty with the stewardship of their care
- 54% of patients in long-term care in Canada have dementia, making it difficult to communicate emerging illnesses
- Temptation to overtreat in this setting, to risk avoiding community spread in the home

# Long-Term Care Recommendations

**THE COLLEGE OF  
FAMILY PHYSICIANS  
OF CANADA**



**LE COLLÈGE DES  
MÉDECINS DE FAMILLE  
DU CANADA**



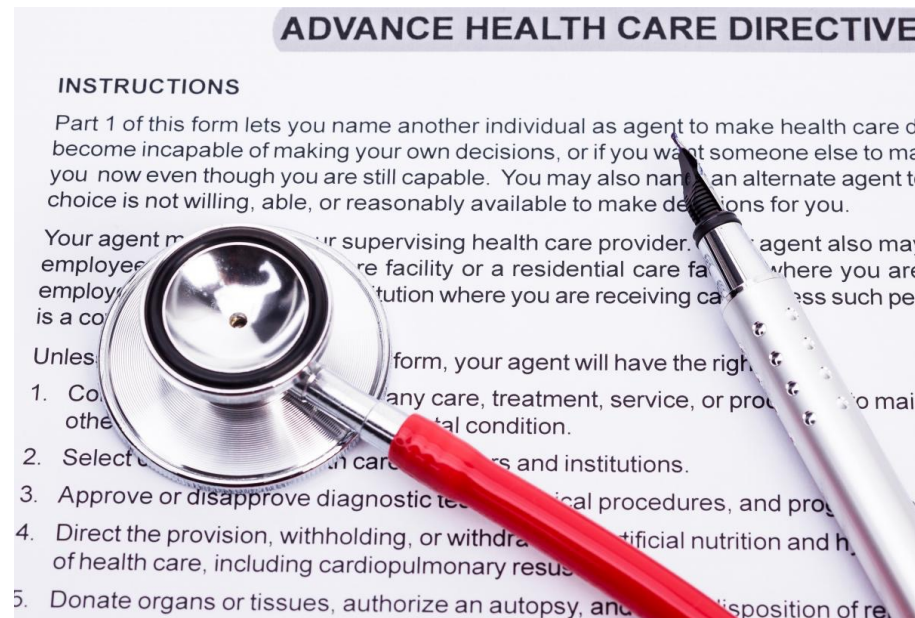
Long Term Care  
Medical Directors Association of Canada  
Association canadienne des directeurs médicaux  
en soins de longue durée



**CANADIAN  
NURSES  
ASSOCIATION**

# Hospital Transfers

1. Don't send the frail resident of a nursing home to the hospital without reviewing goals of care and advance directives with the resident or substitute decision-maker, unless their urgent comfort and medical needs cannot be met in their care home.



# Hospital Transfers

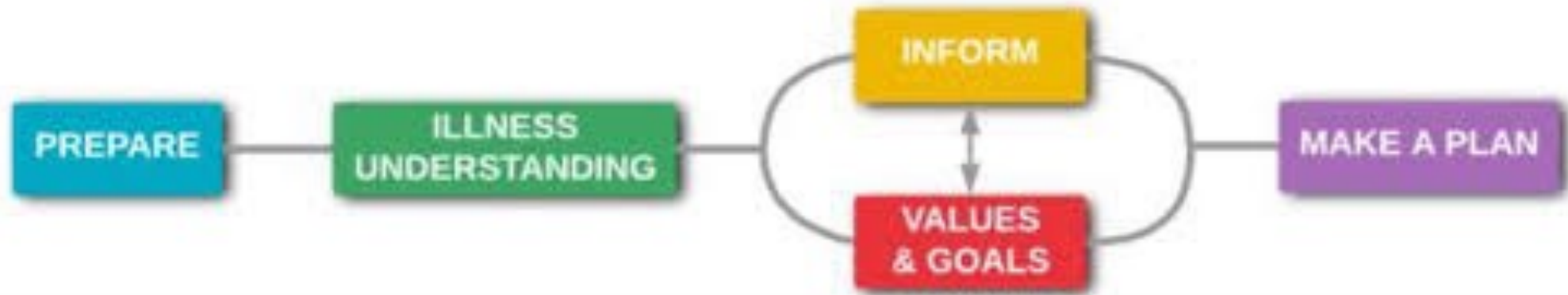
- Transfers to hospital may result in increased morbidity
- Canadian study noted that 47% were considered avoidable
- Transfers are to the ER which are usually unfamiliar and stressful environments
- Hazards include:
  - Delirium
  - Hospital acquired infection
  - Medication side effects
  - Sleep disturbances
  - Deconditioning

# Hospital Transfers

- If transfer is necessary, give clear instructions to hospital of the patients' needs
- Understand patient's goals **prior** to change in health status and if possible, **confirm** them before transferring
- Goals of Care:
  - Resuscitation
  - Medical management
  - Hospital Transfer
  - Interventions (Surgery/procedures, transfusions, IV fluids, etc.)
  - Comfort

# Hospital Transfers

- Seek out resources on Advanced Care Planning (ACP).
- [www.speakupontario.ca](http://www.speakupontario.ca) – COVID Specific ACP for LTC



# Antipsychotics

2. Don't use antipsychotics as first choice to treat behavioural and psychological symptoms of dementia.



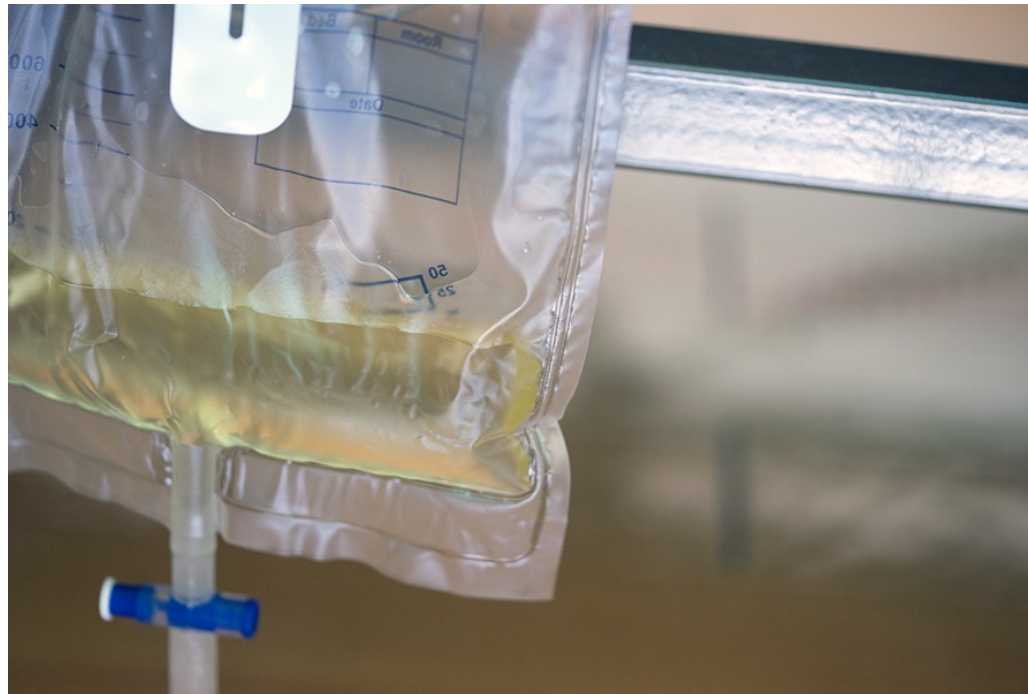
# Antipsychotics

- Antipsychotics are commonly prescribed for behavioural symptoms for residents with dementia
- Antipsychotics can cause serious harm, including premature death
- These medications should be limited to cases where non-drug measures have been tried and failed
- Frequently review attempts at reduction or discontinuation to reduce harm



# Urinary Tract Infections

3. Don't do a urine dip or urine culture unless there are clear signs and symptoms of a urinary tract infection (UTI).



# Urinary Tract Infections

- Don't prescribe antibiotics unless there are lower urinary tract symptoms
- 50% of those tested showing bacteria present in the absence of symptoms
- Over-testing and over-treatment leads to: diarrhea, C. difficile, and resistant organisms
- It also potentially increases the risk of failure to consider other causes of change in condition such as COVID

# Practice Change Recommendations for management of UTI in Long-Term Care

# What is a toolkit?



Key ingredients of intervention



Measuring your performance



Sustaining early successes



Additional resources and patient aids



# Practice Change Recommendations

## PROCESS OF CARE

## PRACTICE CHANGE RECOMMENDATIONS

1.

**NEW ADMISSION/  
PERIODIC HEALTH  
EXAMINATIONS/NEW  
REFERRALS IN LTC**

Don't perform screening urinalysis/urine dipstick and/or urine culture and sensitivity for residents on admission, during periodic health examinations, or prior to new specialist referrals.

2.

**USE OF URINE DIPSTICK  
OR URINALYSIS**

Don't perform urine dipstick/urinalysis to diagnose a UTI.

# Practice Change Recommendations

3.

**ASSESSMENT OF  
RESIDENT WITH CHANGE  
IN HEALTH STATUS (E.G.  
CHANGE IN URINE ODOUR  
OR COLOUR, CHANGE IN  
BEHAVIOUR, FEVER, ETC.)**

## MINIMUM CRITERIA FOR UTI (MODIFIED LOEB CRITERIA<sup>1,2</sup>)

In a non-catheterized resident:	In a catheterized resident:
<ul style="list-style-type: none"><li>• Acute dysuria <u>or</u> 2 or more of the following:<ul style="list-style-type: none"><li>• fever [<math>&gt; 37.9^{\circ}\text{C}</math> (<math>100^{\circ}\text{F}</math>) or a <math>1.5^{\circ}\text{C}</math> (<math>2.4^{\circ}\text{F}</math>) increase above baseline on at least two occasions over the last 12 hours]</li><li>• new or worsening urgency</li><li>• frequency</li><li>• suprapubic pain</li><li>• gross hematuria</li><li>• flank pain</li><li>• urinary incontinence</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Any one of the following after alternate explanations have been excluded:<ul style="list-style-type: none"><li>• fever [<math>&gt; 37.9^{\circ}\text{C}</math> (<math>100^{\circ}\text{F}</math>) or a <math>1.5^{\circ}\text{C}</math> (<math>2.4^{\circ}\text{F}</math>) increase above baseline on at least two occasions over the last 12 hours]</li><li>• flank pain</li><li>• shaking chills</li><li>• new onset delirium</li></ul></li></ul>

<sup>1</sup> Note that these are clinical criteria validated for diagnosis for a UTI and differ from criteria that are used for surveillance.

<sup>2</sup> Note that confusion alone is not symptom of UTI in non-catheterized resident.



# Practice Change Recommendations

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4.

## **SUBSTITUTE DECISION MAKER/FAMILY REQUEST TO SUBMIT A URINE CULTURE OR TREAT A UTI**

Don't collect a urine culture upon request without first seeking to understand and address resident/substitute decision maker/family concerns. Provide a differential diagnosis and a rationale for the investigations that will help identify the etiology of the symptoms.

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5.

## **MANAGEMENT OF RESIDENT WITH CLINICAL CRITERIA FOR A UTI**

Don't order a urine culture unless [minimum criteria](#) for a UTI are present.

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6.

## **MANAGEMENT OF RESIDENT WITH POSITIVE URINE CULTURE**

Don't prescribe antibiotics unless [minimum criteria](#) for a UTI are met.

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# Practice Change Recommendations

7.

## SELECTING ANTIBIOTIC AND DURATION FOR A RESIDENT WITH CLINICAL CRITERIA FOR A UTI

Don't treat a UTI for excessive durations.

DURATION OF THERAPY DEPENDS ON UTI SYNDROME	
UTI Syndrome	Duration of Therapy
Uncomplicated cystitis	3–5 days depending on antibiotic chosen
Complicated cystitis (male resident, catheterized resident, urological abnormalities)	7 days
Acute pyelonephritis	7 days



# Practice Change Recommendations

8.

## **FOLLOW-UP ASSESSMENT OF RESIDENT WITH CLINICAL CRITERIA FOR A UTI**


Don't forget to reassess the need for antimicrobial therapy within 3 days of starting antibiotics to check antibiotic sensitivity results and that the resident is improving. Antibiotic therapy should be stopped if result of the urine culture collected before antibiotics is negative.

9.

## **RESIDENT TRANSFERRED TO THE EMERGENCY DEPARTMENT**

Don't routinely screen residents from LTC homes with a urinalysis/urine dipstick unless [minimum criteria](#) for a UTI are present. Look for alternate explanations for change in clinical status. Refer to Practice Change Recommendation #3.

# Supporting Materials



**Reflect before you collect.**

Up to 50% of older adults in long-term care have bacteria in their urine but do not have a UTI. Don't rush to urine testing without considering other causes.

Use Antibiotics Wisely.  
To learn more, visit: [www.choosingwiselycanada.org/antibiotics](http://www.choosingwiselycanada.org/antibiotics)

Choosing Wisely Canada  
THE COLLEGE OF FAMILY PHYSICIANS OF CANADA  
LE COLLÈGE DES MÉDECINS DE FAMILLE DU CANADA  
Long Term Care Medical Directors Association of Canada  
Association canadienne des directeurs médicaux en soins de longue durée

## Are you using antibiotics wisely?

Up to **50%** of older adults in long-term care (LTC) have bacteria in their urine but do not have a urinary tract infection (UTI). Unnecessary antibiotic use in older adults with asymptomatic bacteriuria can be harmful and lead to serious complications.

Health professionals working in LTC are key partners in the battle against antimicrobial resistance—an emerging public health threat. The below practice change statements will help you optimize your antibiotic prescribing.

*The following key practice changes have been identified and are intended to reduce unnecessary antibiotic use for asymptomatic bacteriuria in LTC. They are not a substitute for timely individual clinical assessment and management and do not apply to the acutely unwell resident with suspected sepsis.*

PROCESS OF CARE	PRACTICE CHANGE RECOMMENDATIONS
<b>1. NEW ADMISSION/ PERIODIC HEALTH EXAMINATIONS/NEW REFERRALS IN LTC</b>	Don't perform screening urinalysis/urine dipstick and/or urine culture and sensitivity for residents on admission, during periodic health examinations, or prior to new specialist referrals.
<b>2. USE OF URINE DIPSTICK OR URINALYSIS</b>	Don't perform urine dipstick/urinalysis to diagnose a UTI.
<b>3. ASSESSMENT OF RESIDENT WITH CHANGE IN HEALTH STATUS (E.G. CHANGE IN URINE ODOUR OR COLOUR, CHANGE IN BEHAVIOUR, FEVER, ETC.)</b>	Don't assume a UTI is the cause of any change in health status, including behaviours, until alternate explanations are excluded, such as volume depletion, constipation, skin breakdown, medication side effects, and other sources of infection. Don't send a urine culture unless the change noted is accompanied by <b>minimum criteria</b> for a UTI (specific for residents with and without catheters). Do perform a clinical assessment to identify alternate causes for change in health status including examination of the perineal skin. Do complete a comprehensive delirium workup, if clinically indicated, which may include a urine culture (See Practice Change Recommendation #5). Do encourage increased fluid intake if urine is concentrated or malodorous. Do document and reassess.
<b>4. SUBSTITUTE DECISION MAKER/FAMILY REQUEST TO SUBMIT A URINE CULTURE OR TREAT A UTI</b>	Don't collect a urine culture upon request without first seeking to understand and address resident/substitute decision maker/family concerns. Provide a differential diagnosis and a rationale for the investigations that will help identify the etiology of the symptoms.

**5. MANAGEMENT OF RESIDENT WITH CLINICAL CRITERIA FOR A UTI**

Don't order a urine culture unless **minimum criteria** for a UTI are present.

Don't prescribe antibiotics unless **minimum criteria** for a UTI are met.

Don't treat a UTI for excessive durations.

UTI Syndrome	Duration of Therapy
Uncomplicated cystitis	3-5 days depending on antibiotic chosen
Complicated cystitis (male resident, catheterized resident, urological abnormalities)	7 days
Pyelonephritis	7 days

Don't forget to reassess the need for antimicrobial therapy 3 days of starting antibiotics to check antibiotic sensitivity results and that the resident is improving. Antibiotic therapy should be stopped if result of the urine culture tested before antibiotics is negative.

Don't routinely screen residents from LTC homes with a urinalysis/urine dipstick unless **minimum criteria** for a UTI are met. Look for alternate explanations for change in clinical status. Refer to Practice Change Recommendation #3.

**ADDITIONAL CRITERIA<sup>1,2</sup>**

**In a catheterized resident:**

- Any one of the following after alternate explanations have been excluded:
  - fever (> 37.9°C (100°F) or a 1.5° C (2.4°F) increase above baseline on at least two occasions over the last 12 hours]
  - flank pain
  - shaking chills
  - new onset delirium

Don't use criteria that are used for surveillance and differ from criteria that are used for surveillance and resident.

Please visit: [www.choosingwiselycanada.org/antibiotics-LTC](http://www.choosingwiselycanada.org/antibiotics-LTC)

ada.org | @ChooseWiselyCA | f /ChoosingWiselyCanada

**Minimum criteria** are found in the box on the next page. ➔




# UTI Appropriateness in Virtual Care during COVID

*Infection Control & Hospital Epidemiology* (2020), 1–6  
doi:[10.1017/ice.2020.1255](https://doi.org/10.1017/ice.2020.1255)



## Original Article

### Comparison of diagnosis and prescribing practices between virtual visits and office visits for adults diagnosed with uncomplicated urinary tract infections within a primary care network

Kaitlyn L. Johnson PharmD<sup>1</sup> , Lisa E. Dumkow PharmD, BCIDP<sup>1</sup> , Lisa A. Salvati PharmD, BCACP<sup>1,2</sup> ,  
Kristen M. Johnson PharmD, BCPS<sup>1</sup>, Megan A. Yee MD<sup>3</sup> and Nnaemeka E. Egwuatu MD, MPH<sup>4</sup>

<sup>1</sup>Department of Pharmacy Services, Mercy Health Saint Mary's, Grand Rapids, Michigan, <sup>2</sup>Ferris State University College of Pharmacy, Grand Rapids, Michigan,

<sup>3</sup>Family Medicine Innovative Primary Care, Mercy Health Physician Partners, Grand Rapids, Michigan and <sup>4</sup>Division of Infectious Diseases, Mercy Health Saint Mary's, Grand Rapids, Michigan

# UTI Appropriateness in Virtual Care during COVID

- **Design:** Telemedicine visits for assessment of uncomplicated urinary tract infections were examined.
- **Methods:** Retrospective cohort study comparing antibiotic prescribing for UTI between virtual/in-person visits
- Primary care network composed of 44 outpatient sites and a single virtual platform
- **Results:** 350 patients included: 175 per group – virtual care vs office visits

# UTI Appropriateness in Virtual Care during COVID

## Results:

Patients treated for a UTI through a virtual visit:

- were more likely to receive a first-line antibiotic agent (74.9% vs 59.4%;  **$P = .002$** )
- receive guideline-concordant duration (100% vs 53.1%;  **$P < .001$** )



# UTI Appropriateness in Virtual Care during COVID

## Results:

Patients treated through virtual visits were:

- less likely to have a urinalysis (0% vs 97.1%;  **$P < .001$** ) or urine culture (0% vs 73.1%;  **$P < .001$** )
- less likely to revisit within 7 days (5.1% vs 18.9%;  **$P < .001$** )

# UTI Appropriateness in Virtual Care during COVID

## Conclusions:

UTI care through a virtual visit was associated with:

- more appropriate antimicrobial prescribing compared to office visits
- decreased utilization of diagnostic and follow-up resources.

# Feeding Tubes

4. Don't insert a feeding tube in individuals with advanced dementia. Instead, assist the resident to eat.





# Feeding Tubes

- Feeding tubes do not prolong or improve quality of life in advanced dementia
- Studies show that tube feeding does not make the patient more comfortable or reduce suffering
- Tube Feeding causes:
  - Fluid overload
  - Diarrhea
  - Abdominal pain
  - Discomfort
  - Aspiration pneumonia

# Long-Term Medications

5. Don't continue or add long-term medications unless there is an appropriate indication and a reasonable expectation of benefit in the individual patient.

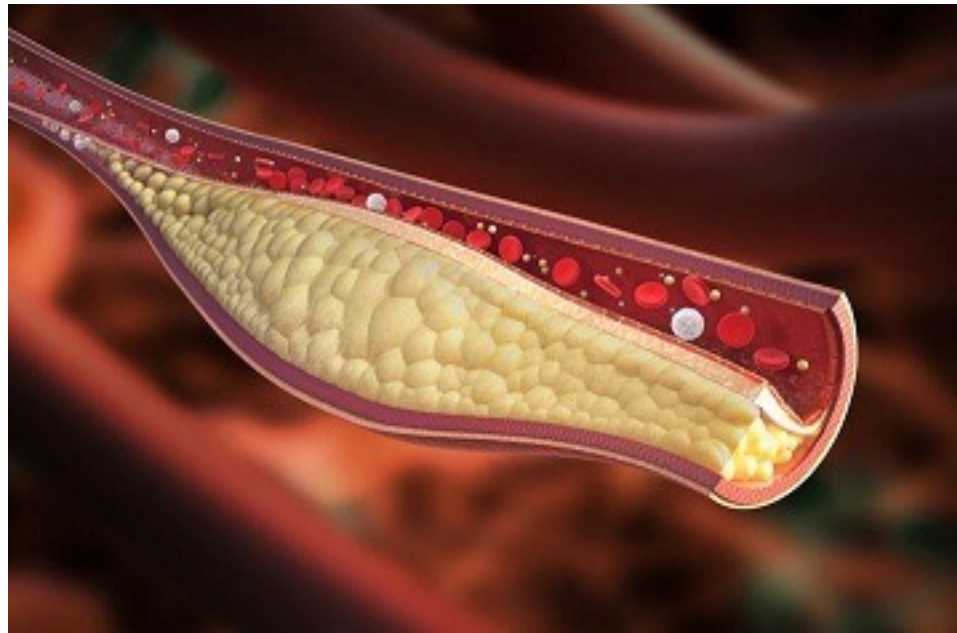


# Long-Term Medications

- Examples of medications that can be potentially deprescribed depending on health status and goals of care:
  - PPIs
  - Anti-hypertensives
  - Statins
  - Bisphosphonates
  - Antidiabetic medications – can consider target of A1C of 8.5% depending on frailty (Canadian Diabetes Association, 2018)
- Keeping these medications can cause issues with mobility, function, quality of life, and mortality

# Screening and Routine Testing

6. Don't order screening or routine chronic disease testing just because a blood draw is being done.



# Screening and Routine Testing

- Do not do these tests unless it adds to quality of life
- Screening/routine testing could lead to harmful overtreatment in frail residents nearing end of life and misuse of resources
- Screening in frail older people: an ounce of prevention or a pound of trouble? (Clarfield, 2010)
  - Individualized approach to screening based on frailty, goals of care, comorbidities, life expectancy, and patient preference

# Physical Presence and Virtual Care

7. Don't hesitate to use virtual care to complement in-person visits in order to meet the needs of residents in long-term care during the COVID-19 pandemic





# Physical Presence and Virtual Care

- Telemedicine in nursing homes can reduce unnecessary emergency care, contribute to high quality medical care, thus decreasing hospitalization
- Telemedicine should be integrated into primary care of the resident
- Reimbursement for telemedicine should be based on medical necessity of care
- More studies required to understand telemedicine tools and measures and processes for nursing home residents

# Physical Presence and Virtual Care

- Virtual care is useful for non urgent and administrative tasks
- In-Person assessment should be considered for acute illness or significant change in condition
- Standardized process is required including:
  - Hardware
  - Software
  - Privacy and security
  - Transfer of health information offsite

# Physical Presence and Virtual Care

- Physical leadership can be provided by clinical care and administrative organization
- Physical presence can ease staff, resident, and the public's anxiety
- Timely access to care to assess acute change in status including respiratory complaints and delirium

# Physical Presence and Virtual Care

## Case Study – Participation House:

- April, 2020 in Markham, Ontario
- Six residents died from COVID and dozens tested positive



# Choosing Wisely Canada COVID Public and Clinician Recommendations

# Recommendations for the Public

1. Don't go out for non-essential reasons. Keep a safe physical distance from others (2 m or 6 ft.) and follow guidance from your national and local public health authority.





# Recommendations for the Public

2. Don't go in person to a hospital, clinic, or health care provider for routine care (preventative visits, routine blood work) or non-essential care without calling ahead.



# Recommendations for the Public

3. Don't go to the emergency department for evaluation of mild COVID-19 symptoms. Use virtual tools or assessment centres if available.



British Columbia COVID-19

Powered by  thrive health

Help to stop the spread and stay informed by using these tools:



[Support App &  
Self-Assessment Tool](#)



[Self-Assessment Tool](#)  
Also available in 中文, हिन्दी,  
ਪੰਜਾਬੀ, 한국어, عربي, فارسی

# Recommendations for the Public

4. Don't self-prescribe or request unproven therapies to prevent or treat COVID-19.



# Recommendations for Clinicians

5. Don't offer non-essential services to patients in person, if virtual tools such as telephone or online visits are available. Delay non-essential care and laboratory testing when possible.



# Recommendations for Clinicians

6. Don't send frail residents of a nursing home to the hospital, unless their basic care and medical needs cannot be met on site.



# Recommendations for Clinicians

7. Don't give red blood cells (RBC) based solely on an arbitrary hemoglobin level. Give one-unit of RBC at a time and reassess the need for more.





# Recommendations for Clinicians

8. Don't intubate frail elderly patients in the absence of a discussion with the substitute decision maker regarding the patient's advance directives whenever possible.



# Recommendations for Clinicians

9. Don't prescribe unproven therapies for COVID-19 patients other than in an approved clinical trial.



# The Need to Adapt LTC to COVID

ANALYSIS  HEALTH SERVICES 

# COVID-19 in long-term care homes in Ontario and British Columbia

Michael Liu AB, Colleen J. Maxwell PhD, Pat Armstrong PhD, Michael Schwandt MD MPH,  
Andrea Moser MD MSc, Margaret J. McGregor MD MHSc, Susan E. Bronskill PhD, Irfan A. Dhalla MD MSc

■ Cite as: *CMAJ* 2020 November 23;192:E1540-6. doi: 10.1503/cmaj.201860; early-released September 30, 2020

# Key Points from the CMAJ Article: Ontario vs BC

- Many more LTC residents died in Ontario than BC
- BC was faster in response to COVID-19 with actions to address public health, LTC staffing, and IPAC
- Better coordination with public health, greater funding, less shared rooms, more non-profit facilities, and overall more comprehensive inspections
- Links between hospitals, LTC, and public health were stronger in BC prior to the pandemic

# Key Points from the CMAJ Article: Ontario vs BC

- Leaders in BC were more decisive, coordinated, and consistent in overall communication
- Solutions to allow clinicians to effectively Choose Wisely need to address the root issues



# Supporting Education

- Processes for hiring workers with specific competencies:
  - Quality improvement
  - Transitions of care
  - Frailty
  - Polypharmacy
  - Cognitive and behavioural disorders

# Access to Personal Protective Equipment

- Provincial government must manage and ensure LTC homes have adequate access to personal protective equipment (PPE)



# Access to Vaccination

- Increase vaccine supply
- Combat vaccine hesitancy
  - Have a good understanding of causes and contexts
  - Interventions tailored to the individual



# Access to Vaccination

- Create systems for vaccine delivery
  - Prioritize elderly and LTC residents/workers
  - Increase family doctor and pharmacist's ability to administer the vaccine in their clinics/storefronts
  - Bring the vaccine to the patient OR bring the patient to the vaccine

## NEWS RELEASE

### **Ontario Helping People Get their COVID-19 Vaccination**

2021 Budget to Ensure No One is Left Behind during Vaccine Rollout

March 23, 2021

[Office of the Premier](#)


# The Cold Standard Adapted for Choose Wisely during COVID

- Majority of acute respiratory tract infection visits can be managed virtually
- Do not prescribe antibiotics after virtual visits alone
- Do recommend an in-person visit if antibiotics are being considered





## POSTERS

A large, dark red hand is shown from the wrist down, holding a small orange and white pill container. A stream of black and white capsules is falling from the container, creating a long, vertical trail of pills that fills the right side of the poster.

**Sorry,  
but no  
amount of  
antibiotics  
will get  
rid of your  
cold.**

The best way to treat most colds, coughs or sore throats is with plenty of fluids and rest. Talk to your health care provider.

Choosing  
Wisely  
Canada



To learn more, visit: [www.choosingwiselycanada.org/antibiotics](http://www.choosingwiselycanada.org/antibiotics)

# ANTIBIOTICS: THREE QUESTIONS TO ASK YOUR HEALTH CARE PROVIDER

## 1) Do I really need antibiotics?

Antibiotics fight bacterial infections, like strep throat, whooping cough and bladder infections. But they don't fight viruses – like common colds, flu, or most sore throats and sinus infections. Ask if you have a bacterial infection.

## 2) What are the risks?

Antibiotics can cause unwanted side effects such as diarrhea and vomiting. They can also lead to “antibiotic resistance” – if you use antibiotics when you don't need them, they may not work when you do need them in the future.

## 3) Are there simpler, safer options?

The best way to treat most colds, coughs or sore throats is with plenty of fluids and rest. Talk to your health care provider about the options.

Talk about what you need, and what you don't.  
To learn more, visit [www.choosingwiselycanada.org/antibiotics](http://www.choosingwiselycanada.org/antibiotics)

Choosing  
Wisely  
Canada





# VIRAL PRESCRIPTION (PS Telus Integration)

## Available languages:

English, French, Arabic, Chinese  
(Traditional and Simplified), Farsi  
(Persian), German, Hindi,  
Romanian, Russian, Spanish,  
Ukrainian, Urdu

**Myth: patients want  
antibiotics**

**Satisfaction linked to  
reassurance, info, and  
symptom relief**

Rx Patient Name : \_\_\_\_\_ Date : \_\_\_\_\_

.....

**The symptoms you presented with today suggest a VIRAL infection.**

- ☐ Upper Respiratory Tract Infection (Common Cold) : Lasts 7-14 days
- ☐ Flu : Lasts 7-14 days
- ☐ Acute Pharyngitis ("Sore Throat") : Lasts 3-7 days, up to ≤10 days
- ☐ Acute Bronchitis/"Chest Cold" (Cough) : Lasts 7-21 days
- ☐ Acute Sinusitis ("Sinus Infection") : Lasts 7-14 days

**You have not been prescribed antibiotics because  
antibiotics are not effective in treating viral infections.**

Antibiotics can cause side effects (e.g. diarrhea, yeast infections) and may cause serious harms such as severe diarrhea, allergic reactions, kidney or liver injury.

When you have a viral infection, it is very important to get plenty of rest and give your body time to fight off the virus.

**If you follow these instructions, you should feel better soon :**

- ➔ Rest as much as possible
- ➔ Drink plenty of fluids
- ➔ Wash your hands frequently
- ➔ Take over-the-counter medication, as advised :

- ☐ Acetaminophen (e.g. Tylenol®) for fever and aches
- ☐ Ibuprofen (e.g. Advil®) for fever and aches
- ☐ Naproxen (e.g. Aleve®) for fever and aches
- ☐ Lozenge (cough candy) for sore throat
- ☐ Nasal Saline (e.g. Salinex®) for nasal congestion
- ☐ Other : \_\_\_\_\_

(e.g. Nasal decongestant if Salinex® does not work, for short-term use only!)

**Please return to your provider if :**

- ➔ Symptoms do not improve in \_\_\_\_\_ day(s), or worsen at any time
- ➔ You develop persistent fever (above 38°C, or \_\_\_\_\_ as directed)
- ➔ Other : \_\_\_\_\_

Prescriber \_\_\_\_\_  
.....



Choosing  
Wisely  
Canada



This "Viral Prescription Pad" has been adapted from the RQHR Antimicrobial Stewardship Program  
[www.rqhealth.ca/antimicrobialstewardship](http://www.rqhealth.ca/antimicrobialstewardship), and is available in other languages.  
<http://www.rxfiles.ca/rxfiles/uploads/documents/ABX-Viral-Prescription-Pad-Languages.pdf>

Visit [www.RxFiles.ca/ABX](http://www.RxFiles.ca/ABX) for more information.

## DELAYED ANTIBIOTIC PRESCRIPTION (PS Telus Integration)

- Decreases antibiotic use
- No difference in satisfaction

## Rx DELAYED PRESCRIPTION

### About Your Delayed Prescription

WAIT. Don't fill your prescription just yet. Your health care provider believes your illness may resolve on its own. Follow the steps below to get better.

First, continue to monitor your symptoms over the next few days and try the following remedies to help you feel better:

- Get lots of rest.
- Drink plenty of water.
- For a sore throat: ice chips, throat lozenges or spray, or gargle with salt water.
- For a stuffy nose: saline nasal spray or drops.
- For fever and pain relief: acetaminophen or ibuprofen.
- Other: \_\_\_\_\_

Wash your hands often to avoid spreading infections.

**If you don't feel better in \_\_\_\_\_ days**, go ahead and fill your prescription at the pharmacy.

**If you feel better, you do not need the antibiotic** and the prescription can be thrown out.

**If things get worse**, please contact your health care provider.

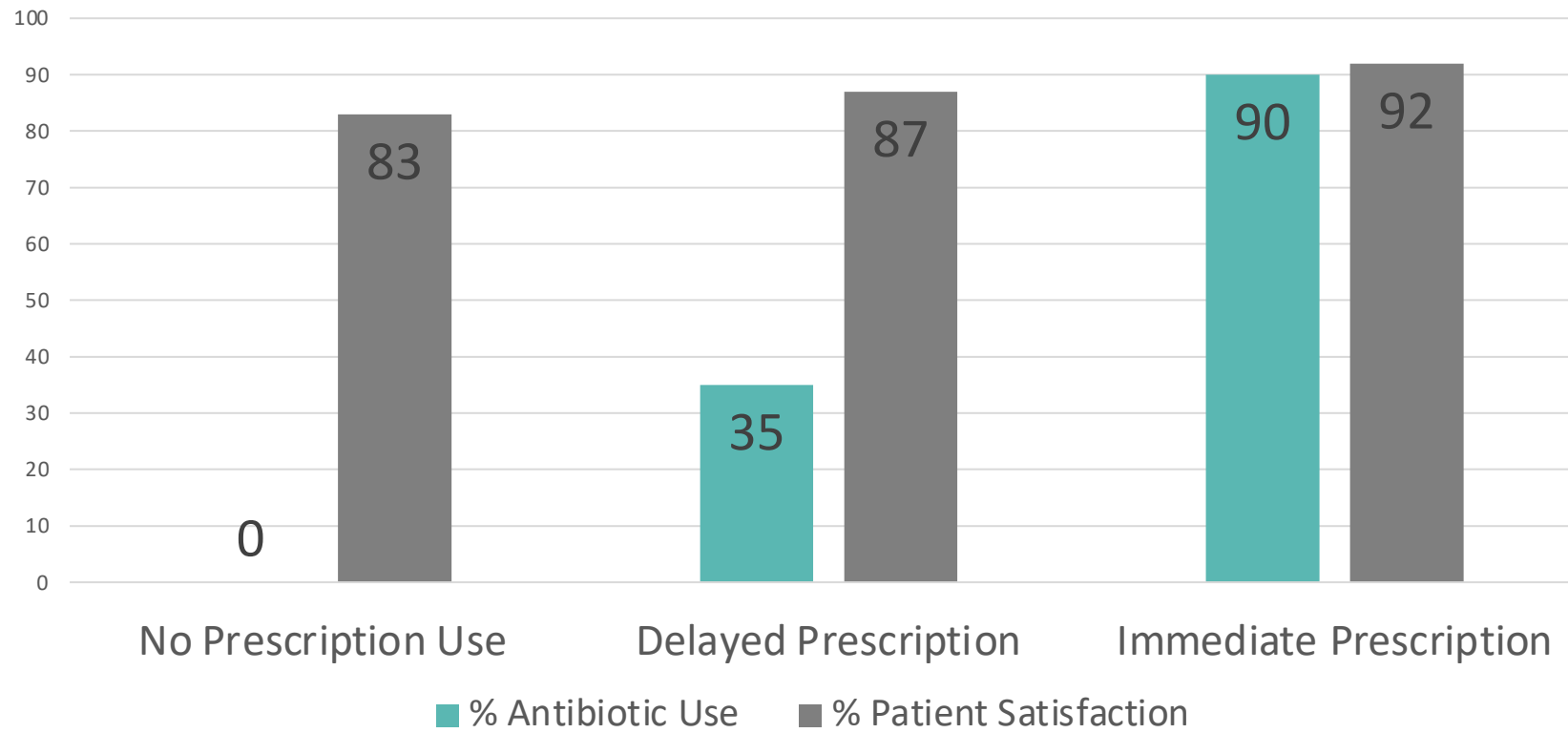
Antibiotics should only be taken when medically necessary. Unwanted side effects like diarrhea and vomiting can occur, along with destruction of your body's good bacteria that can leave you more susceptible to infections.

To learn more, visit [www.choosingwiselycanada.org/antibiotics](http://www.choosingwiselycanada.org/antibiotics)



# Antibiotic Use & Patient Satisfaction

Patient Satisfaction with Delayed Prescriptions  
(Cochrane 2013)



# Summary

- Choosing Wisely is difficult in the long-term care setting
- COVID has further exacerbated our ability to practice high value care
- Standards for quality need to be set and adhered to for practicing during pandemics
- Toolkits can be employed to facilitate resource stewardship in long-term care





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**MORE IS  
NOT  
ALWAYS  
BETTER**

The same is true for medical tests and treatments. Talk with your health care provider about what you need, and what you don't. To learn more, visit [www.choosingwiselycanada.org](http://www.choosingwiselycanada.org)

Choosing Wisely Canada 



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