

By Annie Webb

English

## Many people can relate to this story: my grandma was suffering from

thinners, cholesterol drugs and other medications, her doctor prescribed Ativan (a benzodiazepine) as a sleeping aid and anti-anxiety medication, and OxyContin (an opioid), which is at the root of our current opioid crisis. This is a woman who had never had a problem with prescription medication or addiction before. At the time, family members were unaware that these medications carried severe risks, especially for seniors. The doctor seemed to think,

"who cares, she's 91, let her have her pills" and there were no other

chronic pain from arthritis, anxiety and insomnia. On top of her blood

alternatives provided for my grandma. No one knew what to do. Massage, physiotherapy, alternative medicine and psychologists are expensive and time-consuming, not covered by public health insurance, and inaccessible to the elderly who often don't drive and live off of a small pension. My grandma became increasingly inactive and isolated. She fell several times and became increasingly frail. She insisted on continuing to be prescribed OxyContin because of her arthritis pain.

When she was hospitalized for the last time, the geriatrician took her off all her medication, knowing well that it was causing her more harm than good. But it was too late, she was already on her death bed.

#### Some medications help seniors that suffer from chronic diseases live meaningful and active lives. However, some medications, like sleeping

How and when did this become a problem?

Seniors are prescribed a lot of medications, many of which are helpful.

pills, antipsychotics (often prescribed for dementia) and opioids do more harm than good. How many medications are seniors on? 2 out of 3 Canadians over the age of 65 (65.9%) take at least 5

#### different prescription medications. 1 out of 4 Canadians over the age of 65 (27.2%) take at least 10

- different prescription medications. More than 40 percent of seniors over the age of 85 take 10 or
- more medications. (CIHI 2014)
- Studies have repeatedly shown that the more prescription drugs you're on, the higher your chances of harmful effects of medication and

medication include side-effects, drug interactions, falls, fractures,

#### hospitalizations. This is even more prevalent for seniors who are experiencing age-related changes to the body. Adverse effects of

include:

memory problems and confusion, overdoses, hospitalizations and risk of death. In fact, 1 in 200 seniors are hospitalized each year in Canada due to harmful effects of their medication (compared to 1 in 1000 non-seniors). Falls are the leading cause of injury hospitalizations for seniors in Canada (CIHI 2011). 20–30 % of hip fracture patients die within one year (Kong et al. 2012), and 30% of them are institutionalized within a

Not only are seniors taking too many medications, but many are also being prescribed medication indicated in the Beers list as being inappropriate for seniors. Others, like proton-pump inhibitors should only be used for a short amount of time. Canadian seniors who are prescribed at least one risky medication:

year after the fracture (Morin et al. 2012).

(Morgan et al. 2016) Common risky medications for seniors

65 years old and over: 31% of men and 42% of women

85 years old and over: 39% of men and 47% of women

# Benzodiazepines (e.g. diazepam/Valium®, lorazepam/Ativan®, alprazolam/Xanax®)

Antipsychotics (e.g. quetiapine/Seroquel®, risperidone/Risperdal®,

First-generation type-2 diabetes drugs (e.g. glyburide/DiaBeta®)

aripiprazole/Abilify®) Proton-pump inhibitors (e.g. pantoprazole/Pantoloc®,

esomeprazole/Nexium®, omeprazole/Losec®)

First generation antihistamines (e.g. promethazine,

brompheniramine, diphenhydramine)

hydrocodone/ Vicodin®/Lortab®/Norc®o; meperidine/Demerol®; fentanyl/Sublimaze®/Duragesic®/Actiq®/Fentora®)

Opioids (e.g. oxycodone/ Percocet®/OxyContin®/Oxycet®;

These medications increase the risk of cognitive impairment, dizziness, confusion, strokes, falls, fractures and motor vehicle accidents etc.

many harmful effects. There is a growing movement of physicians, pharmacists, nurses,

It is of increasing national and international concern that older people

are being prescribed more medications than ever before, many of

which are inappropriate for seniors, who are suffering from far too

patient advocates in Canada called the Canadian Deprescribing

Network (CaDeN), who are raising awareness about this problem.

One of the most important things to do is to ask doctors, nurses or

specifically ask for a medication review. Here's a great resource for

pharmacists the right questions about medications, and to

### Deprescribing is "the planned process of reducing or stopping medications that may no longer be of benefit or may be causing harm". More information on deprescribing is available on their fact sheet.

What to do?

this (click on it for the print-ready version): QUESTIONS TO ASK ABOUT YOUR MEDICATIONS when you see your doctor, nurse, or pharmacist.

1. CHANGES?

2. CONTINUE?

taking, and why?

Have any medications been added, stopped or changed, and why?

What medications do I need to keep



Est-ce que votre grand-maman prend des médicaments dangereux?

Network.

O Likes < Share</p>

Is your mom on drugs?



Keep your

medication

record

up to date.