



## TODAY'S TOPIC:

### Let it Go? The Management of Diabetes in Older Adults

#### Background:

The estimated overall prevalence of diabetes among adults in the United States ranges from 5.8-12.9% (median 8.4%). More personal health care resources are estimated to be spent on DM than any other condition.

#### Importance:

Many palliative care patients suffer from DM. Palliative care providers should be aware of how to manage this disease state, and when these medications should become deprescribing-eligible.

#### The Literature:

- [Diabetes Care. 2018 Jan;41\(Suppl 1\):S119-S125.](#)
- 11. Older Adults: *Standards of Medical Care in Diabetes-2018.***
  - From: American Diabetes Association (ADA) "Standards of Medical Care in Diabetes"
  - Recommendations:
    - Older adults who are otherwise healthy with few coexisting chronic illnesses and intact cognitive function and functional status should have lower glycemic goals (A1C <7.5% [58 mmol/mol]), while those with multiple coexisting chronic illnesses, cognitive impairment, or functional dependence should have less stringent glycemic goals (A1C <8.0–8.5% [64–69 mmol/mol]). **C**
    - Glycemic goals for some older adults might reasonably be relaxed as part of individualized care, but hyperglycemia leading to symptoms or risk of acute hyperglycemic complications should be avoided in all patients. **C**
      - Table: Treatment goals for glycemia, BP, and dyslipidemia in older adults with DM:

Patient	A1C goal	Fasting & HS GLUCs	BP	Lipids
Healthy	<7.5%	90-130 mg/dL	<140/90mmHg	Statin unless contraindicated

#### Palliative Care Pharmacy Team:

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- younger counterparts. There is now CVD benefits for empaglifozin (based on [EMPA-REG OUTCOME trial](#), mean age was 63 years old)
- GLP-1 receptor agonists (exenatide), there is also CVD benefits with liraglutide (based on [LEADER trial](#), mean age was 64 years old)
- Treatment of other cardiovascular risk factors should be individualized in older adults considering the time frame of benefit. Lipid-lowering therapy and aspirin therapy may benefit those with life expectancies at least equal to the time frame of primary prevention or secondary intervention trials. **E**
- *Discussion:* As you can see, there isn't a lot to help guide the management of DM in older adults

## So... What does this all mean Jenn?

- Unfortunately, there are virtually no trials that have examined glycemic control and complications focusing on older adults, so few data exists. Consider the literature to help guide as below
- To add, remember that A1C may not even be accurate in older adults. Anemia and other conditions that impact red blood cell life span (CKD, recent transfusions and erythropoietin infusions, recent acute illness or hospitalizations, or liver disease) can present misleading results
  - Of note: HgbA1C of 8.5% (69 mmol/mol) equates to an estimated average glucose of ~200 mg/dL
- Overall, when considering if these medications are deprescribing eligible, consider the patient's prognosis, and their risk of dehydration and hypoglycemia. There is little information to guide treatment targets or time-until benefit parameters for these medications
- So let those medications go, and everyone eat cupcakes!

### Geriatric Considerations:

- Take a look above, this PCP Phast Phact is focused on older adults

**Stay tuned for future PCP Phast Phacts on deprescribing!**

### CLINICAL PEARL:

**In older adults with serious illness consider an HgbA1C goal of <8.5% and attempt to reduce the risk of hypoglycemia as much as possible.**