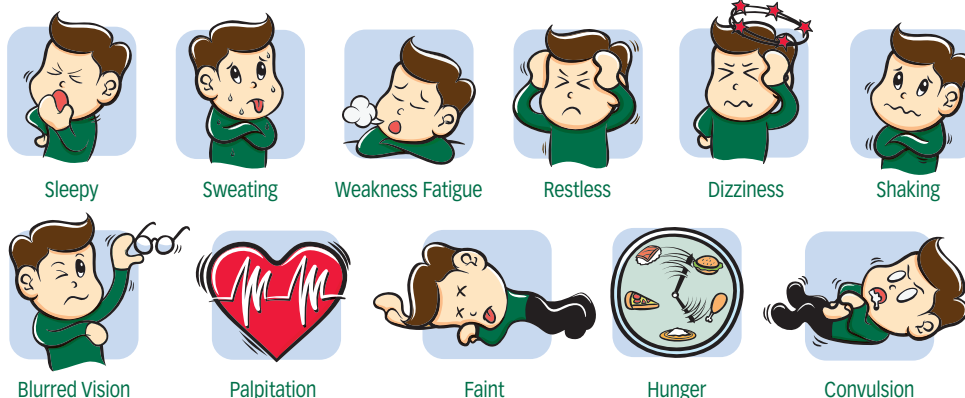


PHARMACY QI

Practical Tips for Quality Improvement

November 2017

MANAGEMENT OF HYPOGLYCEMIA



Measure Capillary Blood Glucose (CBG); CBG < 4 mmol/L = Hypoglycemia

Mild to Moderate

CBG < 4 mmol/L
Resident can swallow

Give 15 g of carbohydrate
(one of the following):

4 tablets
(preferred treatment)



5 tablets
(preferred treatment)

3 tsp



4 tsp

¾ cup



1 cup

Fruit Juice/Regular Soft Drink

3 packs dissolved
in water



4 packs dissolved
in water

Sugar

Moderate to Severe

CBG = 2.0 – 2.9 mmol/L
Resident can swallow

Give 20 g of carbohydrate
(one of the following):

Severe

CBG < 2.8 mmol/L
Resident is unable to swallow

Give glucagon 1 mg
subcutaneous or IM
Call 911 as per home policy

Give a Snack

15 g carbohydrate + protein source



1 slice of bread
and peanut butter



cheese and
crackers



½ cup of milk
and 2 cookies

**Serve a meal
within an hour**

< 4 mmol/L

Repeat CBG in 15 min

≥ 4 mmol/L

Reference:

• Diabetes Canada 2013 Clinical Practice Guidelines – Hypoglycemia (chapter 14). <http://guidelines.diabetes.ca/browse/chapter14>. Accessed Sept. 17, 2017.