

What is COVID-19

COVID-19 is a virus that is part of the family of coronaviruses. It spreads through droplets in the air when an infected person

(depending on the situation) and when a person touches that surface, and then touch their mouth or nose, they become infected.

Read the guidelines for Prevention on page 2!

What are the symptoms?

- Sore throat
- Shortness of breath

developing symptoms, call your doctor.

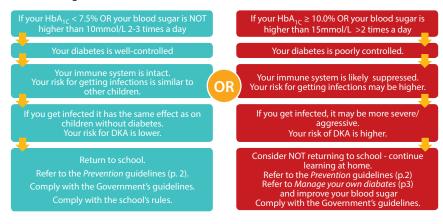


What is my risk as a person with type 1 diabetes?

- There is very little information available about COVID-19 and children with type 1 diabetes. From the evidence we have so far, it **does not** appear that children with type 1 diabetes are at a higher risk than children without diabetes.
- Having said that, data from children with type 1 diabetes and **other infections** suggest that children with poorly controlled type 1 diabetes may be more at risk of acquiring infections and may have a more complicated course.
- Research shows that adults with poorly controlled diabetes (i.e. their glucose levels are high or going up and down a lot) are at a greater risk of more severe COVID-19 disease and the higher a person's blood glucose, the higher the risk.
- The way Coronavirus affects you varies from person to person. Some may be able to recover in isolation at home, whereas others may need to be admitted to hospital.
- The virus generally causes milder disease in children than in adults.

Should I go back to school?

This decision is unique for every parent and child with diabetes. Consider your child's level of control, your school environment and your ability to learn at home. This guideline may help you make the decision (courtesy of Prof David Segal, Paediatric Endocrinologist).



Prevention: The prevention guidelines are aimed at preventing you from getting infected, AND preventing

- **Stay home** as much as possible. Do not visit family or friends.
- Social distancing: stay at least 1.5 m away from other people. No hugging, handshakes or touching others not even your family or friends.
- Wash your hands often with soap and water for at least 20 seconds. Especially:
 - after being in a public place and touching door handles, shopping trolleys or elevator buttons,
 - after using the bathroom, and before preparing food.
- 4. If soap and water are not available, use an alcohol-based hand sanitiser.
- Do not touch your eyes, nose, and mouth with unwashed hands. This prevents the germs from entering your body.
- 6. Cough or sneeze in the bend of your elbow. If you use a tissue, throw it away immediately and wash your hands.
- 7. Avoid close contact with anyone who has a fever, sore throat and/or cough.
- Clean and disinfect all objects and surfaces that are touched frequently: phone, door handles, pens.
- Do not share food, glasses, towels, cell phones, computers, pens, or any stationery.
- 10. Keep your insulin and meter in a protected container and do not let it lie around put it in your bag.
- 11. If you travel by bus or taxi, wear your mask, keep your distance, avoid touching any surfaces and wash your hands as soon as you can.
- 12. If you are ill with flu-like symptoms, stay at home and keep a distance from others at home. Do not share plates, cups, or utensils. Try to use your own bathroom.

Follow the Sick day management guidelines on the last page!



mask

- alcohol-based hand sanitiser) BEFORE you put on the mask.

- Place used cloth masks in a bag or bin until they can be washed with soap and hot water. Wash and iron the mask before you wear it again. This will kill any virus particles.

DO NOT

- DO NOT fiddle with the mask when you wear it.
- DO NOT touch your eyes, nose and mouth when removing the mask.
- DO NOT share your mask with another person.



Manage you blood glucose level

You need to • Test your blood glucose regularly.



- · Keep a diary of your blood glucose readings.
- Understand your numbers.
- Do not skip your injection. Ask a family member or carer to remind you to take your insulin.

When your reading is above or below your target, ask yourself:

- What may have caused this reading?
- Do I need to do anything differently in the future?
- How can I correct my sugar now?
- What did I learn?

Eat the right food

What you eat and how much you eat affects your blood sugar.

Make healthy choices:

- Have the correct portions of carbohydrate.
- Limit the amount of fat and oil you eat.
- Drink 8 glasses of water a day.
- Half of your plate must be vegetables.
- Ensure good quality protein intake, e.g. tinned fish, beans, soya, meat, chicken and fish.

Set yourself one small goal and when things are going well, add another goal.

Deal with your emotions

You might be feeling worried and anxious about the coronavirus and how it might affect you or your family and friends. This is normal, but the following might help:



- Limit the amount of time spent reading COVID-19 news.
- Make sure you use reliable sources of information, e.g. https://coronavirus.datafree.co (does not use any of your data).
- Make sure you keep in contact with your family and friends via social media and phone calls.
- Keep up with your schoolwork and hobbies to keep you busy.

Stay active

Your life is probably quite different now, but you need to stay active to help manage your diabetes. Try the following:

- Walk whenever and wherever you can.
- Listen to your favourite song and dance until your heart is beating faster.
- Exercise for 30 minutes every day, at the same time make it part of your routine.

Set yourself one small goal and when things are going well, add another goal.

Get the flu vaccine. It is free at your local clinic. Make sure everyone in the house gets the vaccine too. All children under 12 years should make sure that they have received all their vaccinations as per the schedule.

Sick day management

Your blood sugar levels may be difficult to control as your body tries to fight the illness. Your body cannot produce insulin to cope with this, so your blood sugars rise, even when you do not eat. If you become ill, remember:

- Stay hydrated drink plenty of water or unsweetened drinks.
- Do not skip a meal even if you are not hungry; eat something small.
- Check your blood glucose level every 4 hours, even during the night set an alarm to wake up and test.
- Aim for blood glucose level of 4-10 mmol/L and ketones of 0.6mmol/L (only 1+ ketones on urine test strips).
- DO NOT SKIP YOUR INSULIN.
- Treat fever with Panado (avoid using Disprin or Grandpa).
- Remember that DKA symptoms look like flu: tired, weak, aches, nausea, vomiting, and tummy ache.

If your blood sugar is high (>10 mmol/L) for more than 2 times:

- Drink a glucose-free drink (water or Coke Light).
- Give extra short-acting insulin (hourly) to decrease your blood glucose level. Units to take = your body weight \div 10. E.g. a
 - person that weighs 20 kg takes 2 units every hour until ketones cleared).
- Increase long-acting insulin with 10-20%.
- Check for ketones using a urine or blood test. If this is positive, call your doctor or nurse!

Important: Discuss any changes to insulin dosages with your doctor or nurse.

Call your doctor or nurse, when:

- Your heart is beating fast.
- It becomes difficult to breathe.
- You stay extremely thirsty and your mouth is dry.

Have the following ready:

- Your blood glucose readings.
- Your ketone readings.
- What food and fluids you have been taking.
- A list of your symptoms.
- Your questions on how to manage your diabetes.

When you have a low (<4 mmol/L):

Eat 15g of simple carbs, e.g.

- ½ glass of fruit juice.
- 2-3 teaspoons honey/syrup.
- ½ can of regular coke.
- Check your blood glucose level in 15 min. Eat a meal/snack as soon as possible.
- 3 5 glucose tablets (Super C).

www.givengain.com/c/youthwithdiabetes/

• 7 jelly babies.

Go to hospital immediately when:

- You are vomiting.
- Your ketones remain >1.5 mmol/L (3+ urine ketones) for more than 4 hours.
- You become very tired, confused, have fast breathing, or have a severe tummy ache.
- You do not have a way to test your ketone levels.



www.youthwithdiabetes.com



-27 (0)82 550 1087



in the lives of children with

🗈 SnapScan





