

To Whom It May Concern:

#### MIS-C/PMIS and 504 Plan in Education:

Classroom Accommodations for Children affected by MIS-C (Post COVID Illness related to COVID 19)

Section 504 of the Rehabilitation Act of 1973 requires school districts to provide a free and appropriate education for qualified students with disabilities. Children with ongoing health issues, often meet the requirements for a 504 plan, which provides protection from discrimination based on their medical disability. 504 plans are created separately for each individual child and lay out all the specific accommodations that child needs to be successful at school.

MIS-C is a new condition that is directly related to the Covid Pandemic. It is important to note that long term studies are not yet available. This guide is being made with the most up to date information available and takes a cautionary approach to supporting the Physical and Educational needs of children affected by MIS-C (Post Covid Illness). Educators and parents must work together to produce innovative ways to help ensure the student's success. Accommodations should always be individualized to the child's specific issues. Each person is unique, but we've compiled this list below as a guide. There are common accommodations that should be used to help students who have suffered from MIS-C (Post Covid Illness):

## Issues related to fatigue

1. Frequent absences are to be expected with this condition, as symptoms can improve or worsen from day to day. Studies are currently being done on MIS-C (Post Covid Illness) flare-ups. The student should not be penalized for these absences.

2. Prioritize core academics. If a child does not have the energy for a full day, consider scheduling required classes together. Elective classes may be added once the student can tolerate a longer school day.

3. Consider half days beginning in the early afternoon. Many children affected by MIS-C (Post Covid Illness) do not function well in the morning because of medication side effects and ongoing inflammatory system recovery. However, if you child feels better in the morning, and worse in the afternoon due to fatigue, then seek to arrange their schedule accordingly.

4. If the student is homebound or partially homebound, teachers should coordinate the amount of homework that is given. Send priority work home frequently. Avoid overloading the student.



5. For extended absences, provide a tutor once a week to help with difficult material.

6. An extra set of books should be provided, so that the child can have a set at home. Lugging heavy books back and forth can exacerbate the severe fatigue of a child affected by MIS-C (Post Covid Illness).

7. Allow the child to participate in all school activities, even if they are generally homebound. Apprise the children of all school and after school activities. Sick children already feel isolated and participating in activities can make the transition back to school easier. Feeling connected is critical to their emotional and social development.

## Issues related to exercise intolerance:

8. Modification or elimination of physical education classes due to exercise intolerance. Many common exercises in physical education classes require standing, walking, and running, which is problematic for most children affected by MIS-C (Post COVID Illness) during flare-ups. Exercises that are better tolerated include gentle stretching while in the lying down or seated position, rowing machines, recumbent biking, and swimming, as these exercises are less likely to trigger problems with cerebral blood flow and orthostatic intolerance (common issues being reported).

9. Organize the school schedule so that classrooms are close together and the child's locker is in close proximity to all classes, if possible.

10. Allow extra time in between classes to change rooms when long walks are required. The child should be allowed to leave a few minutes before the class is over to get to the next class without being penalized for tardiness.

11. Provide an elevator pass, if relevant. Taking the stairs may not always be safe due to dizziness and fatigue. Assign a friend or adult to accompany them in case of an emergency.

## Concentration and maintaining academic performance

12. The curriculum should be adjusted according to the child's level of brain fog, a common symptom being reported and documented in children suffering from MIS-C and Post Covid Illness. This can be due to dysautonomia caused by the virus and severe inflammation caused by MIS-C. It is possible they may experience cerebral hypoperfusion when they stand or sit upright. Cerebral hypoperfusion decreases



concentration due to lack of proper blood flow to the brain, which can result in cognitive impairment (also known as "brain fog").

13. Preferential seating should be allowed. The child should be placed as close to the teacher and/or an exit, as possible. If the student has temperature sensitivity, as is common in individuals recovering from MIS-C, avoiding placement next to the heater or air conditioner may help.

14. Test taking may need to be modified. Children may need extended time, frequent breaks, the directions read and explained, and/or a scribe. Longer tests may need to be shortened or broken into segments and taken over several periods of time. Tests should be administered in a quiet room where the student can better concentrate.

15 A calculator should be allowed for math computation in some cases. Math that involves sequencing or steps in a process is often problematic. Consider allowing the student to use a sample math problem as a reference.

16. Students who have severe brain fog may not be able to remember their locker combination. If possible, allow the student to have a name combination lock instead of a number combination. Choosing a word like their pet's name or their parent's initials will be far easier for them to remember than a number combination.

# Symptom control during the school day

17. Allow the student to have hydrating fluids throughout the day. Children affected by MIS-C (post Covid Illness) may be on medications that cause dry mouth or dehydration. Allow them to have a water bottle with them at all times. If they forget to bring their water bottle, allow them trips to the drinking fountain as needed.

18. Allow the child to have healthy snacks throughout the day. This may help keep their energy up and help with any digestive issues they may be experiencing.

19. Frequent urination and gastrointestinal upset often occur in patients affected by MIS-C (Post Covid Illness). Allow the child to have a permanent bathroom pass to prevent embarrassment and sit near the door to minimize disturbance in the classroom.



20. Accommodations may be needed for the lunch line, fire drills, outside recess, and other situations in which standing is typical. Assign the child a friend to assist as needed and allow the child to sit down or recline when he or she needs to do so. Remaining upright causes blood pooling in the lower extremities, which steals blood flow and oxygen from the heart and brain. This results in worsening of dizziness, fatigue, nausea, chest pain and other symptoms (this can be caused by Dysautonomia - which is being reported more commonly in Post Covid Illness).

21. Allow students to position themselves as needed to prevent pooling. This includes elevating feet, sitting on knees, placing knees to chest, or sitting cross-legged. These are compensatory positions to help regulate better blood flow to the heart as well as prevent pooling in the legs. This should not be viewed as disrespectful behavior. Discuss this aspect with your specialist team.

22. Frequent breaks should be allowed to improve circulation and prevent blood pooling. The child should be allowed to flex and stretch his legs, to walk around briefly, or to elevate his legs if needed.

23. Temperatures in the school may impact the child considerably, as children affected by MIS-C (Post Covid Illness) may have problems controlling their body temperature. If your school requires a uniform, the child should be allowed to dress in layers and remove outer layers if they are too warm (blazer, sweater, tie, etc.). Similarly, the child may have a hard time staying warm in the cold, so allow extra layers and instead of a water bottle, the child should be allowed a sealed container of an approved warm beverage.

24. Students may have sudden flares of their symptoms, which can make it difficult to turn in assignments on time. Due dates for assignments should be flexible when needed.

25. Students should be allowed to leave the classroom if they are hypersensitive to odors. Some children may experience headaches or vomiting in response to odors that are barely noticeable to the teacher. This can be particularly problematic in science labs and art classrooms. If this is a recurring problem, consider keeping the windows open in the classroom or increasing ventilation in the room when strong smells are likely to be present. Classroom personnel should avoid wearing strong perfumes and lotions, and ideally other students in the class can be asked to do the same - without pointing out the child who has the smell sensitivity.



26. Noise, light and vibration sensitivity may also cause an issue for children affected by MIS-C. At times, wearing sunglasses or earplugs may be appropriate. If the bright light coming from a window is bothering the student, place the student in a seat out of the glare of the sunlight, and consider closing the blinds in the classroom or dimming the lights.

#### Other accommodations

29. A separate room, other than the nurse's office, should be set-aside for the child to rest when the student is symptomatic. When a child affected by MIS-C gets a cold, flu or infection, it is possible that it may turn into a more serious illness that sets them back academically, socially and physically. Adequate spaces might include the library, a teacher's office or an empty classroom. As more studies are done we will continue to update

30. Allow the student to carry a cell phone for emergencies. If there is concern that the child will use the phone during class, then the student can give the cell phone to the teacher at the start of class, and can retrieve it upon departure from the classroom.

As more studies on MIS-C and Post Covid Illnesses in the pediatric population are published, we will continue to update this guide.

Thank You, CircumSTANCE Advocacy Team CircumSTANCE INC (501c3)