



School Services

School Guide for Students with ADEM

What is ADEM (Acute Disseminated Encephalomyelitis) ?

ADEM is an intense attack of inflammation in the brain, spinal cord and occasionally the optic nerve. This causes damage to the myelin—the protective covering around the nerve fibers in the central nervous system. The attack lasts several weeks to months. ADEM is sometimes mistaken for a severe first attack of multiple sclerosis (MS), since some of the symptoms of the two disorders are similar. ADEM usually consists of a single attack, while MS features many attacks over the course of time. It is important to differentiate between ADEM and MS because long term care differs significantly. Children are more likely than adults to have ADEM.

How can ADEM affect school performance?

The symptoms of ADEM appear rapidly, beginning with the following:

- Fever
- Fatigue
- Headache
- Nausea and vomiting
- Excessive irritability
- Confusion
- Seizures (in more severe cases)
- Coma (in more severe cases)

Symptoms that relate to the nervous system could include:

- Visual disturbances (if optic nerve is affected)
- Weakness of single or multiple limbs
- Difficulty coordinating muscle movements
- Difficulty walking
- Incontinence of bladder or bowels

How can schools assist students with ADEM?

Academic:

- Start academic interventions right away under Section 504 or IDEA for Other Health Impairment
- Assess for PT/OT and assistive technology needs, as soon as possible
- May need visual assessment if vision is disturbed

- Have reading assignments on tape or enlarge written material if eyes are affected
- May need assistive devices such as wheel chair or walker for a period of time
- Set up homebound services if student will be out four or more consecutive weeks
- If the hand grip is affected, give tests orally; no grades for handwriting
- Use of laptop or computer for homework, essays, quizzes and notes so hands are not fatigued
- Provide hard copy of notes prior to class, or record class lecture
- Provide detailed schedule of assignments or an organizer
- Avoid work overload on homework and/or class work
- Place more difficult classes early in the day to avoid fatigue

Social/ Emotional

- Conduct a staff in-service for any staff involved with the student
- Provide counseling to address any emotional or social stress
- Select a support person to address any concerns the student may have
- Frequent communication among student, parents, school nurse, and medical team

Physical

- Include rest period in student's schedule due to fatigue
- Consider having a set of text books at home and one in each classroom
- If legs are affected, utilize an elevator pass and not the stairs
- Schedule major tests and projects on separate dates to avoid fatigue
- Student will need breaks in standardized testing to avoid fatigue
- Student may be involved in school activities, but with possible limitations (i.e. some sports, low stadium seating, etc.)
- Extra travel time between classes
- Preferential seating
- Permanent nurse pass and bathroom pass
- Keep a change of clothes at school if bowels or bladder are affected
- Avoid fatigue, stress, extreme temperatures, and exposure to illness
- May need adaptive P.E.

Resources:

www.nationalmssociety.org
www.ninds.nih.gov/acute_encephalomyelitis.htm
www.ucsfbenioffchildrens.org/conditions/acute_disseminated_encephalomyelitis/

School Services Department

Children's Health
 Children's Medical Center
 Dallas Campus: 214-456-7733
 Plano Campus: 469-303-4670