

## **COMMUNICABLE DISEASE CONTROL**

### **General.**

1.1. Scope. - The legislative rule requires establishment of county policies related to communicable disease control.

### **Purpose.**

2.1. Good health and safety are essential to student learning. The education and monitoring of communicable diseases during the school year is necessary to keep students healthy and learning. The knowledge of standard/universal precautions, transmission, prevention and treatment of communicable diseases will enhance health education, prevention and equality for all.

2.2. The objective of this policy is to allow for procedures to be in place for detection of potential communicable diseases, inclusion and exclusion, standard/universal precautions and enhancement of knowledge to ensure preventative measures occur for students and school personnel. This policy will assist in developing a working relationship with school personnel, parents/guardians, the students' medical home and the local health department while decreasing duplication of health services offered by the school and the medical home and/or the community serving the students.

### **Application.**

3.1. Barbour County Schools shall develop or amend communicable disease policies to reflect understanding of disease transmission in the school setting and to reflect understanding of student/staff rights to attend school or remain employed. The goal of the policy is to protect individual students, staff members and the school population in general.

3.2. The potential for unnecessary exclusion from the school setting is cause for concern. This problem makes it necessary for Barbour County Schools to develop a policy that is protective of the educational process and the health and safety rights of students and staff.

3.3. The Barbour County Schools will work cooperatively with the county health department to enforce and adhere to the W. Va. Code §§18A-5-1, 16-3-4, 16-3D-1, 16-3-5, 16-3C-1 through 16-3C-9, 18-2-5, 18-5-9, 18-5-22, and 18-5-34 for prevention, control and containment of communicable disease in schools.

### **Definitions.**

4.1. "Airborne Pathogens" are defined as the transmission of infectious agents through either airborne droplet nuclei (small-particle residue [five  $\mu\text{m}$  or smaller in size] of evaporated

droplets that may remain suspended in the air for long periods of time) or dust particles containing infectious agents. These pathogens include but are not limited to tuberculosis (TB), rubella (measles) and varicella (chickenpox).

4.2. “Airborne Precautions” are not normally utilized in the school setting. It is defined as the isolation of an airborne pathogen to reduce the risk of airborne transmission of infectious agents. Airborne precautions entail wearing a respiratory protection mask (N95 respirator) when entering the room of a student receiving home/hospital instruction with known or suspected disease transmitted via airborne droplet nuclei, student placement in private hospital room with negative air pressure and placing a mask on the student for hospital transporting.

4.3. “American Academy of Pediatrics” also known as the AAP, is defined as a national organization of pediatricians, founded in 1930, committed to the attainment of optimal physical, mental, and social health and well-being for all infants, children, adolescents, and young adults.

4.4. “Blood Borne Pathogens” means pathogenic microorganisms that are present in human blood and can cause disease in humans. These pathogens include, but are not limited to, human immunodeficiency virus (HIV), acquired immunodeficiency syndrome (AIDS), hepatitis B virus (HBV) and hepatitis C virus (HCV).

4.5. “Casual Contact” means day-to-day interaction between individuals and others in the home, at school or in the work place. It does not include intimate contact, such as sexual or drug use interactions, and it implies closer contact than chance passing in the hallway or sharing a lunch table.

4.6. “Centers for Disease Control and Prevention” also known as CDC, is defined as one of the thirteen major operating components of the United States Department of Health and Human Services (USDHHS), which is the principal agency in the United States government for protecting the health and safety of all Americans and for providing essential human services, especially for those people who are least able to help themselves. CDC remains at the forefront of public health efforts to prevent and control infectious and chronic diseases, injuries, workplace hazards, disabilities and environmental health threats.

4.7. “Communicable Disease” means a disease that may be transmitted directly or indirectly from one individual to another.

4.8. “Direct Contact” means a disease that is spread through the exposure of blood and/or body fluids to mucous membranes, open skin wounds, semen or intravenous transfusion. HIV/AIDS is spread by direct blood transmission into the blood stream of another and by semen or vaginal fluid contact. Hepatitis A can be spread by direct or indirect contact with feces while Hepatitis B and C can be spread by direct contact with semen and blood. These diseases do not pose a risk in school if body fluids such as blood and feces are handled using standard/universal precautions.

4.9. “Droplet Contact” means contact of the conjunctivae or the mucous membranes of the nose or mouth of a susceptible person with large-particle droplets (larger than five  $\mu\text{m}$  in size) containing microorganisms generated from a person who has a clinical disease or who is a carrier

of the microorganism. Droplets are generated from the source person primarily during coughing, sneezing, or talking and during the performance of certain procedures such as suctioning. Transmission via large-particle droplets requires close contact between source and recipient persons, because droplets do not remain suspended in the air and generally travel only short distances, usually three feet or less, through the air. These pathogens include, but are not limited to, bacterial infections, such as Pertussis (whooping cough), streptococcal (group A) pharyngitis, pneumonia or scarlet fever, Diphtheria (pharyngeal), Haemophilus influenzae type b and Neisseria meningitis disease, including meningitis, pneumonia and sepsis. Serious viral infections spread by droplet contact include but are not limited to adenovirus, influenza (flu), mumps and rubella (German measles).

4.10. “Droplet Precautions” is defined as droplet pathogen isolation utilized around individuals known or suspected to be infected with microorganisms transmitted by droplets (large-particle droplets [larger than five  $\mu\text{m}$  in size] that can be generated by the person during coughing, sneezing, talking, or the performance of procedures). Droplet precautions entail being in the a private environment, like the student’s home, wearing a mask while within three feet of the individual infected and utilizing standard/universal precautions. Because droplets do not remain suspended in the air, special air handling and ventilation are not required to prevent droplet transmission. Masks may be worn to protect the health of a student who is immunocompromised.

4.11. “Health or Safety Emergency Situation” is determined on a case-by-case basis, and is defined as a specific situation that presents imminent danger or threat to students or other members of the community, or requires an immediate need for information in order to avert or diffuse serious threats to the safety or health of a student or other individuals. Any release of confidential medical information must be narrowly tailored considering the immediacy and magnitude of the emergency and must be made only to parties who can address the specific emergency in question. This exception is temporally limited to the period of the emergency and generally does not allow a blanket release of personally identifiable information from a student's education records to comply with general requirements under state law. Certainly an outbreak of diseases such as measles, rubella, mumps, and polio not only pose threat of permanent disability or death for the individual, but have historically presented themselves as epidemic in nature. Thus, disclosure of personally identifiable information from students' education records to state health officials for an outbreak of a communicable disease would generally be permitted under Family Educational Rights and Privacy Act’s (FERPA) health or safety emergency provisions.

4.12. “Immunocompromised” is defined as reduced immune response due to immunosuppressive drugs, radiation, disease or malnutrition.

4.13. “Legitimate Educational Reason” is defined as school officials who have been determined to have genuine concern related to the student’s educational achievement and performance allowing access and review pertinent educational records including medical and health information. A record of disclosure must be maintained and include: (1) the parties who have requested the information from the education records, and (2) the legitimate interests the parties had in requesting or obtaining the information.

4.14. “Occupational Safety and Health Administration (OSHA)” is defined as a division of the United States Department of Labor that provides standards and guidelines for the health and safety of America’s workers by setting and enforcing standards; providing training, outreach, and education; establishing partnerships; and encouraging continual improvement in workplace safety and health.

4.15. “School Nurse” is defined as a registered professional nurse, licensed by the West Virginia Board of Examiners for Registered Professional Nurses (W. Va. Code §30-7-1, et seq.), who has completed a West Virginia Department of Education approved program as defined in 126CSR114 West Virginia Board of Education Policy 5100, Approval of Educational Personnel Preparation Programs and meets the requirements for certification contained in 126CSR136 West Virginia Board of Education Policy 5202, Minimum Requirements for the Licensure of Professional/Paraprofessional Personnel and Advanced Salary Classification. The school nurse must be employed by the county board of education or as specified in W. Va. Code §18-5-22.

4.16. “Standard/Universal Precautions” is a body substance isolation approach to infection control. Standard Precautions apply to 1) blood; 2) all body fluids, secretions, and excretions, except sweat, regardless of whether or not they contain visible blood; 3) non-intact skin; and 4) mucous membranes. According to the concept of standard/universal precautions, all human blood and all other human body fluids are treated as if known to be infectious for HIV, HBV, and other bloodborne pathogens. There are three types of transmission: contact, airborne and droplet.

4.17. “West Virginia Department of Health and Human Resources (WVDHHR)” is the lead public health agency in West Virginia working to help shape the environments within which people and communities can be safe and healthy.

4.18. “West Virginia Education Information System (WVEIS)” is a comprehensive, uniform, integrated, on-line management information system (MIS) for schools and county school systems (districts). The system began implementation in 1991 with all schools and districts currently participating. The system provides for doing the business of the schools and districts in areas such as student demographics, special programs participation, grades, schedules, attendance, payroll, accounts payable, warehousing, student health records, immunizations, etc. Districts submit to the West Virginia Department of Education data from WVEIS required for state and federal reporting.

### **Disease Prevention Measures.**

5.1. Barbour County Schools incorporated hand washing, as defined and outlined in The Basic and Specialized Health Care Procedures Manual for West Virginia Public Schools that accompanies 126CSR25A, West Virginia Board of Education Policy 2422.7, Standards For Basic and Specialized Health Care Procedures, into the county board of education communicable disease policy. It is best practice to wash the hands with soap and clean running water for twenty seconds. However, if soap and clean water are not available, use an alcohol-based product to clean the hands. Alcohol-based hand rubs significantly reduce the number of germs on skin and are fast acting. Good hand hygiene is the single most effective procedure to prevent the spread of communicable disease in the school setting. An allowance for hand washing should be

incorporated into the daily routine of all students in West Virginia public schools, especially before eating, after blowing the nose, coughing, or sneezing, after going to the bathroom and as deemed necessary by the school.

5.2. Students must be in compliance with the required immunization schedule as set forth by the WVDHHR State Health Officer. The WVDHHR State Health Officer, or his/her designee (local health officer) shall make the final determination in cases in which an authorized medical practitioner's written medical exemption is challenged by school personnel as inappropriate or invalid. The immunization record shall be entered and reviewed annually into the West Virginia Education Information System (WVEIS).

5.2.1. All children entering pre-kindergarten (Pre-k), kindergarten and a West Virginia public school for the first time must have immunizations and show proof upon enrollment as defined by W.Va. Code §16-3-4. All Pre-k students shall also meet requirements in 126CSR28 West Virginia Board of Education Policy 2525, West Virginia's Universal Access to a Quality Early Education System.

5.2.2. It is strongly recommended that students entering grades six and nine receive adolescent immunizations as defined by the United States Department of Health and Human Services (USDHHS), Centers for Disease Control and Prevention (CDC) and WVDHHR State Health Officer. The immunization record for each student in grades six and nine shall be entered into the West Virginia Education Information System (WVEIS) in order to ensure that updated immunization information is readily available to health officials in the event of a communicable disease outbreak that presents an imminent danger to students or other members of the community.

5.3. Instruction on the principle modes by which communicable diseases, including, but not limited to, human immunodeficiency virus (HIV)/acquired immunodeficiency syndrome (AIDS) are prevented, spread and transmitted shall be taught to students as outlined in 126CSR44E West Virginia Board of Education Policy 2520.5, Health Content Standards and Objectives. An opportunity shall be afforded to the parent or guardian of a child subject to instruction in the prevention, transmission and spread of HIV/AIDS and other sexually transmitted diseases to examine the course curriculum requirements and materials to be used in such instruction. The parent or guardian may exempt such child from participation in such instruction by giving notice to that effect in writing to the school principal as set forth in W. Va. Code §18-2-9.

5.4. An educational inservice on the prevention, transmission and treatment of current communicable diseases shall include, but not limited to, human immunodeficiency virus (HIV) and acquired immune deficiency syndrome (AIDS), shall be provided to all school personnel every two years by Barbour County Schools, as specified in W. Va. Code §18-2-9 and §18- 5-15d.

### **Disease Control Measures.**

6.1. Distinctions will be made related to diseases that are communicable in the school setting versus those known not to be spread by casual contact e.g. AIDS, Hepatitis B, Hepatitis C and other like diseases.

6.2. Each reported case of disease known not to be spread by casual contact will be validated by a designated individual such as a school nurse (W. Va. §18A-5-1 and W. Va. §18-5-22).

6.3. The administrator or school nurse shall exclude from the school any pupil or pupils known to have or suspected of having any infectious disease known to be spread by casual contact and is considered to be a health threat to the school population. The superintendent has the authority to exclude a staff member from school when reliable evidence or information from a qualified source confirms him/her of having a potential communicable disease that is known to be spread by any form of casual contact and is considered a health threat to the school population. Such a student or staff member shall be excluded in accordance with guidelines of American Academy of Pediatrics and WVDHHR unless his/her physician approves school attendance and the condition is no longer considered contagious. All reportable communicable diseases will be referred to the county health department, without disclosure of personally identifiable information, as set forth in West Virginia Bureau for Public Health Legislative Rule 64CSR7, Reportable Diseases, Events and Conditions. The county health department is able to provide reportable communicable disease guidance or go to <http://www.wvdhhr.org/idep/#Disease%20%20Reporting>.

6.4. Mandatory screening for communicable diseases that are known not to be spread by casual contact is not warranted as a condition for school entry or for employment or continued employment, nor is it legal based on W. Va. Code §16-3C-1. All screenings performed in the public school setting should be age appropriate deemed effective and necessary through evidence-based and scientific researched-based practice utilizing standard procedures and with the Protection of Pupil Rights Amendment (PPRA), 20 U.S.C. §1232h. W. Va. Code §18-5-22 allows Barbour County Schools to provide proper medical and dental inspections for all students attending school and gives authority to take any other necessary actions to protect students from infectious diseases.

6.5. Irrespective of the disease presence, standard/universal precautions shall be used and adequate sanitation facilities will be available for handling blood or body fluids within the school setting or school buses. Blood and body fluids from any person in the school setting shall be treated with standard/universal precautions; no exception shall be made when handling blood and body fluids. School personnel will be trained in standard/universal precautions as set forth by the Occupational Safety and Health Administration recommendations and guidelines at <http://www.osha.gov/>.

### **Confidentiality.**

7.1. All persons privileged with any medical information that pertains to students or staff members shall be required to treat all proceedings, discussions and documents as confidential information. Before any medical information is shared with anyone in the school setting a “legitimate educational reason” or “health or safety emergency situation” must exist, all other releases of confidential medical and health information shall be released only with the consent of the parent/guardian, student if over 18, employee or their representative as outlined in 126CSR94, West Virginia Board of Education Policy 4350, Procedures for the Collection,

Maintenance and Disclosure of Student Data, Family Educational Rights and Privacy Act of 1988 and Family Educational Rights and Privacy: Final Regulations. Part II, 34 CFR Part 99.

- 7.2. Information from health records is part of the educational record and should be shared with the child's parents/guardians and pass freely among the school and medical home/health care provider to enhance student health and prevent duplication of services, only after permission is obtained from the student's parent/guardian.

**Severability.**

8.1. If any provision of this rule or the application thereof to any person or circumstance is held invalid, such invalidity shall not affect other provisions or applications of this rule.

**Source:** Barbour County Board of Education Minutes

**Authority:** WV Constitution, Article XII, 2 and WV Code 16-3-4, 16-3-4a, 16-3-5, 16-3C-1through 16-3C-9, 18-2-5, 18-5-9, 18-5-22, 18-5-34, and 18A-5-1.

**Adopted:** 1974

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