



# Wisconsin Childhood Communicable Diseases Wall Chart

## 2014 Spring Seminars

June 10, 11 and 12, 2014

Tom Haupt, Epidemiologist

Norma Denbrook, Public Health Educator

Bureau of Communicable Diseases and Emergency Response

Division of Public Health/Department of Health Services



# Wisconsin Childhood Communicable Diseases Wall Chart

- Updated from 2001
- New colorful format
- Emphasis on childhood diseases in congregate settings
- Arranged by disease category most commonly reported
- Includes group exclusion criteria



## Wisconsin Childhood Communicable Diseases Wall Chart (continued)

- Encourages contact with Local Health Department (LHD)
- Website address and Quick Response Code links to Division of Public Health Communicable Disease “A-Z” lookup





# What's Different?



## **WISCONSIN CHILDHOOD COMMUNICABLE DISEASES**



# What's Different? (continued)

- Layout
  - Disease categories grouped by color
  - Disease categories identified in far left column
  - Far right column provides general control and prevention measures



# What's Different? (continued)

## Headings

<b>Disease Name</b> (AKA, causative agent)	<b>Spread by</b>	<b>Incubation Period</b> Time from exposure to symptoms	<b>Signs and Symptoms</b>
<b>Time Period When Person is Contagious</b>	<b>Criteria for Exclusion from School or Group</b>	<b>Onsite Control and Prevention Measures</b>	



# What's Different? (continued)

- Diseases grouped by body system and syndrome
  - Eye, Ear, Nose, and Throat
  - Respiratory
  - Gastrointestinal
  - Skin and Rash
  - Meningitis
  - STD



# Eye, Ear, Nose, and Throat

## Eye, Ear, Nose and Throat

### Cold sores

(Herpes simplex virus)

### Mononucleosis

(Mono, Epstein-Barr virus)

### Mumps **R/V**

(Mumps virus)

### Pink Eye

(Bacterial or viral conjunctivitis)

### Strep Throat and Scarlet Fever

(Streptococcal pharyngitis, Group A *Streptococcus*)



# Respiratory

<b>Respiratory</b>	<b>Influenza V</b> (Flu, Influenza virus)
	<b>Pertussis R/V</b> (Whooping cough, <i>Bordetella pertussis</i> )
	<b>Respiratory Syncytial virus</b> (RSV)



# Gastrointestinal

## Gastrointestinal

### Diarrhea of unknown cause

#### Gastroenteritis, Bacterial

- *Campylobacter*
- *Salmonella*
- *Shigella*
- *E. coli* O157:H7 and other Shiga toxin-producing *E. coli* (STEC)

#### Gastroenteritis, Parasitic

- *Cryptosporidium*
- *Giardia*

#### Gastroenteritis, Viral

- Norovirus
- Rotavirus **V**

#### Hepatitis A **R/V**

(Hepatitis A virus)

#### Pinworm infection

(*Enterobius vermicularis*)

#### *Clostridium difficile* infection

(CDI, *C. diff*)



# Skin and Rash

Skin and Rash	<b>Fifth Disease</b> (Human parvovirus B <sub>19</sub> , erythema infectiosum)
	<b>Hand-foot-and-mouth disease</b> (Coxsackie virus)
	<b>Impetigo</b> ( <i>Staphylococcus aureus</i> , Group A <i>Streptococcus</i> )
	<b>Lice</b> (Pediculosis)
	<b>Measles R/V</b> (Rubeola, measles virus)
	<b>MRSA</b> (Methicillin-resistant <i>Staphylococcus aureus</i> )
	<b>Ringworm</b> (fungal infection, dermatophytosis, tinea)
	<b>Roseola</b> (Human herpesvirus 6, exanthem subitum)
	<b>Rubella R/V</b> (Rubella virus)
	<b>Scabies</b> ( <i>Sarcoptes scabiei</i> , mite infestation)
	<b>Shingles V</b> (Herpes zoster, varicella-zoster virus)
<b>Varicella R/V</b> (Chickenpox, varicella-zoster virus)	



# Meningitis

## Meningitis

- Hib R/V**  
(*Haemophilus influenzae* type b)
- Meningococcal disease R/V**  
(*Neisseria meningitidis*)
- Pneumococcal disease R/V**  
(*Streptococcus pneumoniae*)
- Viral Meningitis**  
(Usually enterovirus)



# Sexually Transmitted Diseases

<b>Sexually Transmitted Diseases</b>	<b>Chlamydia <b>R</b></b> ( <i>Chlamydia trachomatis</i> )
	<b>Gonorrhea <b>R</b></b> ( <i>Neisseria gonorrhoea</i> )
	<b>Herpes Simplex</b> (Herpes simplex virus)
	<b>HPV <b>V</b></b> (Human papillomavirus)
	<b>Syphilis <b>R</b></b> ( <i>Treponema pallidum</i> )
	<b>Chancroid</b> ( <i>Haemophilus ducreyi</i> )



# What's Different? (continued)

- Some diseases removed:
  - HIV-AIDS
  - Tuberculosis
  - Hepatitis B and C
  - Two STDs:
    - Granuloma inguinale
    - Lymphogranuloma venereum
- Some diseases added:
  - *C. difficile*
  - Norovirus
  - RSV
  - Hand-foot-and-mouth disease
  - Ringworm
  - MRSA
- Asterisks replaced by “**R**” and “**V**”



# Onsite Control and Prevention Measures

- For each grouping
  - General control and prevention measures for all diseases
  - Additional specific control measures when appropriate



# Exclusion Column

Most childhood illnesses do not require exclusion.

Three key criteria for exclusion:

- Prevents child from comfortably participating in activities
- Requires care greater than staff can provide without compromising other children
- Poses risk of spread of disease



# Below the Chart

- Space for LHD to enter contact information
- Definitions
  - **R:** Reportable to State and local health departments
  - **V:** Vaccine available to prevent illness
  - Susceptible and At Risk
  - High Risk Settings



# Chart Disclaimer and Links

- Meant as a *guide* for those responsible for caring for groups of children
- Not meant as an all-inclusive list of reportable diseases
- Not meant as comprehensive guide
- DHS Communicable Diseases A-Z list:  
<http://www.dhs.wisconsin.gov/communicable/index.htm>
- QR code:





# How to Get Additional Wall Charts

- Through your LHD
  - <http://www.dhs.wisconsin.gov/localhealth/counties/countyalphalist.htm>
- Through your DHS Regional office
  - <http://www.dhs.wisconsin.gov/localhealth/counties/regional.htm>



# Wall Chart Creation

Developed and produced by the  
Bureau of Communicable Diseases and  
Emergency Response

Questions?  
Comments?