YERSINIOSIS
Last revised April 28, 2011

I. IDENTIFICATION

A. Clinical description:
   A bacterial illness characterized in young children by fever and watery diarrhea that often
   contains leukocytes, blood or mucus. In older children and adults the symptoms may mimic
   appendicitis (right lower quadrant tenderness), with fever and leukocytosis.

B. Reporting criteria: Laboratory confirmation.

C. Laboratory criteria for confirmation:
   Isolation of *Yersinia enterocolitica* or *Y. pseudotuberculosis* from any clinical specimen.

   **NOTE:** Testing for *Yersinia enterolitica* is only done on direct plating as part of the routine
   enteric culture for bacterial pathogens. If yersiniosis is suspected, request Test 610Y, in which
   enrichment broths will also be incorporated.

D. Wisconsin case definition: A laboratory confirmed case.

II. ACTIONS REQUIRED / PREVENTION MEASURES

A. WISCONSIN DISEASE SURVEILLANCE CATEGORY II:
   Report to the patient’s local health department either electronically through the Wisconsin
   Electronic Disease Surveillance System (WEDSS), by mail or fax using an Acute and
   Communicable Disease Case Report (F-44151), or by other means within 72 hours upon
   recognition of a case or suspected case.

B. EPIDEMIOLOGY REPORTS REQUIRED:
   - **Electronically** - Report through WEDSS, including appropriate disease-specific sections
   OR
   - **Paper Copy** - Acute and Communicable Diseases Case Report (F-44151)
   - Routine Enteric Follow-up Worksheet

C. PUBLIC HEALTH INTERVENTIONS:
   In accordance with Wisconsin Administrative rule DHS 145.05, local public health should
   follow the methods of control recommended in the current edition of *Control of Communicable
   Association.
   - Source investigation by LHD.

III. CONTACTS FOR CONSULTATION

A. Local Health Departments – Regional Offices – Tribal Agencies:

B. BCDER / Communicable Disease Epidemiology Section: (608) 267-9003
IV. RELATED REFERENCES

- “Yersiniosis” DOH Disease Fact Sheet Series: View a list of all current Communicable Disease Fact Sheets