



ESP CASE DETECTION ALGORITHM

Giardiasis

Document Version 1.2

Prepared by the Department of Population Medicine at Harvard Medical School and Harvard Pilgrim Health Care Institute on behalf of the Massachusetts Department of Public Health.

esphealth@harvardpilgrim.org

February 22, 2012

Modification History

Version	Date	Modification	By
1.2	10/11/2017	Added ESP Logo and MDPH branding	DPM
1.1	7/5/2017	Transferred onto new algorithm template	Aileen Ochoa
1.0	2/22/2012	Initial draft	



1. *Overview*

The purpose of this document is to describe the criteria used to identify Giardiasis in MDPHnet data.

2. *Criteria used to identify cases using ESP data*

I. TIME WINDOW

Giardiasis antigen positive and recurs after 1 year.

II. CASE CRITERIA

All the following:

1. Positive lab result for Giardia lamblia antigen test
2. ICD code for diarrhea
3. Prescription for metronidazole

3. *Specifications for reporting diseases/conditions to the Massachusetts Department of Public Health (MDPH)*

I. DATA TO INCLUDE IN REPORTS TO MDPH

4. *Codes, laboratory tests, and medications used to identify criteria listed in Sections 2 and 3.*

I. DIAGNOSIS CODES USED TO IDENTIFY GIARDIASIS

Diarrhea	ICD-9 Code	787.91
----------	------------	--------

II. MEDICATIONS

Metronidazole

III. LAB TESTS

Component name	Trigger Value
Giardiasis Antigen	pos