

iGAS: Case and Outbreak Management

Claudine D'Souza

Infectious Diseases Prevention and Control



Presentation Outline

- What brought us here
- What you said
- Epidemiological diagnosis vs clinical diagnosis
- Epidemiological case definition vs clinical case definition
- PHU role vs clinician role
- Guidelines
- Next steps
- Questions?

What brought us here

- Inconsistent management of iGAS contacts
- Confusion regarding the provincial case definition

What you said: Summary of responses

- Currency of guidelines
- Provincial case definition: Clarity needed
- Inconsistency applying provincial case definition across province
- Prophylaxis: Who should receive?
- Surveillance: Baseline rates of iGAS
- Lab: Testing and linking of cases

Epidemiological diagnosis vs clinical diagnosis

Epidemiological diagnosis	Clinical Diagnosis
Looks at the health-event, health-characteristic, or health-determinant patterns in a society	Focuses on individual case
Helps inform policy decisions and evidence-based medicine by identifying risk factors for disease and targets for preventive medicine	

Epidemiological case definition vs clinical case definition

Epidemiological Case Definition	Clinical Case Definition
Case in time, person and place	Based on patient's presentation in clinical setting
	Informed by clinician's experience

PHU role vs clinician role

PHU	Clinician
Convey provincial protocol and national guidelines to inform clinician's actions	Responsible for clinical management of cases and contacts
	May use information provided by PHU to inform action

Guidelines

MOHLTC	PHAC CCDR
Infectious Diseases Protocol, 2009	Guidelines for the Prevention and Control of iGAS Disease, 2006
Provide provincial guidance re: case/contact management and outbreak management	Provide national guidance re: case/contact management and outbreak management
Intended to provide direction regarding minimum, common operational roles and responsibilities for interpreting, communicating and acting upon surveillance information and findings to reduce the burden of infectious diseases of public health importance across Ontario Boards of Health	

Next steps

- The Provincial Infectious Diseases Advisory Committee on Communicable Diseases (PIDAC-CD) identified iGAS as an area of specific interest in their 2011/12 workplan
 - Initial discussions have focused on issues from the field and advancing work on potential areas of support and guidance.
 - PIDAC-CD will turn its attention to defining scope and approach in the Fall 2011.
 - Deliberations will continue to be informed by the field perspective.

