

Using the iSoBAR Framework to Establish Case Control Plans in Communicable Disease Exposures

Brendon Heley (A/Clinical Nurse Coordinator)
Infection Prevention and Management Department, Fiona Stanley Hospital, Murdoch, Western Australia
Contact: brendon.heley@health.wa.gov.au

Background

Infection Prevention and Control practitioners are required to manage communicable disease exposures (CDE) in health care facilities. In order to follow up exposures effectively and efficient, communication is essential. At Fiona Stanley Fremantle Hospitals Group, the iSoBAR Framework has been adapted to develop a tool to create a template for Case Control Plans (CCP).

Actions

1 Identify

Index case, notifier, case lead delegation

2 Situation

Disease, symptoms and onset, pathology, admission details, location, and isolation measures

3 Observations

History of admission, transfers, interventions

4 Background

Series of National Guidelines, Case Definitions, infectious period

5 Actions

Distribution and delegation of actions and responsibilities by case lead, stakeholder engagement, staff health and infection prevention for patient care

6 Recommendations

Decisions for screening, treatment, prophylaxis, escalation

Results

- The CCP has been effective to guide Infection Control staff through the CDE in a tertiary facility
- Has improved communication and aided in delegation and distribution of actions
- Ensured comprehensive followup of all potential stakeholders
- Aligned staff health and infection control compoentns to ensure safe staff and patient care
- Improved efficiencies in follow up
- Ensured effective handover of information to external agencies
- The CCP has been used for measles, tuberculosis chicken pox exposures

Communicable Diseases Exposure – Case Control Plan

IDENTIFY

Index Case

UMRN:

First Name:

Surname:

DOB:

Notifier Details

Who: (Name, Title)

Contact Details:

Case Lead IP&M

Who: (Name, Title)

Contact Details:

SITUATION

Disease

Confirmed ☐ Suspected ☐

Symptoms and History

Onset of symptoms

Pathology results

Provider:

Specimen:

Date/Time:

Vaccination history

Yes ☐ (What):

No ☐

Unknown ☐

Any recent travel

Yes ☐ (Where):

No ☐

Unknown ☐

Precautions

Yes: ☐ (Type):

No: ☐

Negative Pressure Yes ☐ No: ☐

Current Location

Ward:

Room/Bay:

Single room: Yes ☐ No ☐

Shared room: Yes ☐ No ☐

Admitting Team

OBSERVATION

Time Line

- Patient location

- Transport

- Medical Interventions (Radiology/ Medical Imaging)

- Any precautions?

- If a staff member where were they located/ working?

Date & Time of Admission:

Time

Details

BACKGROUND

Case Definition

• SoNGs

• Infectious Period

Please complete above sections (ISOB) prior to arranging a Case Meeting

ACTIONS From Case Meeting

Infection Prevention

• Patient Lists

• Risk Management

• Identify at risk groups

Staff Health

• Collect HCW lists

• Check immunity

• Update spreadsheet

• Consider prophylaxis

• Report to coordinator number and type of staff exposed

• Has the staff member started treatment

Healthcare Worker Group

Where

Requested

Received

Nursing (Agency staff , Students)

Nurse Unit Manager

Yes ☐ Not Applicable ☐

Yes ☐ No ☐

Serco (Domestic Assistants, Internal Logistics, Estates and Security)

Serco IP&M Lead

Yes ☐ Not Applicable ☐

Yes ☐ No ☐

Allied Health – contact HOS from Hub.

Head of Service

Yes ☐ Not Applicable ☐

Yes ☐ No ☐

Ward Clerks – Ward Clerical Coordinator

Hub Directory > Allied Health Professions > Discipline > HOS

Yes ☐ Not Applicable ☐

Yes ☐ No ☐

Volunteers

Volunteer Coordinator

Yes ☐ Not Applicable ☐

Yes ☐ No ☐

Medical Workforce

Nurse Unit Manager / HOS

Yes ☐ Not Applicable ☐

Yes ☐ No ☐

RECOMMEND

Post Exposure

• Screening

• Treatment

• Briefing notes

• Debriefs

• Datix CIMS

• Communication Plan

Actions

Who

Responsible

CONSULTS

Consultations

• Microbiology

• Infectious Diseases

• Public Health

• Executive

Who


SIGN OFF

Name and Position

Date

Conclusion

The standardisation of the process for communicable disease exposures instils confidence in Infection Prevention practitioners to manage complex case control plans.



FIONA STANLEY hospital

fsh.health.wa.gov.au

FSHM20191111004