



HEALTH HOLDING

HAFER ALBATIN HEALTH
CLUSTER
MATERNITY AND
CHILDREN HOSPITAL

Department:	Infection Prevention and Control Department		
Document:	Multidisciplinary Policy and Procedure (MPP)		
Title:	Surveillance Plan and Risk Assessment		
Applies To:	IPC Department		
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1. PURPOSE:

- 1.1 Evaluation of potential risk for infections, contamination and exposures based on known risk, historical data and reports in literature
- 1.2 Evaluation of harm: Life threatening, loss of function, loss of community trust, loss of organization good will, financial threat, legal and/or regulatory issues
- 1.3 Evaluation of organization's preparedness to eliminate or mitigate the harm or risk of harm

2. DEFINITONS:

- 2.1 Infection Control Risk Assessment is a coordinated activity to identify the risks for acquiring and transmitting infections based on the patient population served, the types of services provided, and the analysis of surveillance data.

3. POLICY:

- 3.1 Adopting a risk- management approach at all levels of the facility is necessary.
- 3.2 All healthcare facilities need to be able to determine the risk in their own context and select the appropriate course of action.
- 3.3 Regularly conduct infection prevention risk assessments within their facility and ensure that all staff understands their responsibility in managing this risk.
- 3.4 Establish risk assessment plan each year & structure our annul plan for it.

4. PROCEDURE:

- 4.1 Components of infection control risk assessment:
 - 4.1.1 Probability of occurrence of the event/condition: based on known risks, historical data & reports in literature. See attachment 7.1
 - 4.1.2 Impact of the event/condition at different levels. See attachment 7.2
 - 4.1.2.1 Threat to life and or health
 - 4.1.2.2 Disruption of services
 - 4.1.2.3 Loss of function
 - 4.1.2.4 Prolonged length of stay
 - 4.1.2.5 Financial impact
 - 4.1.2.6 Legal issues
 - 4.1.2.7 Regulatory/accrediting/organizational issues
 - 4.1.3 Current preparedness of the system. See attachment 7.3
 - 4.1.3.1 Status of current plans and implementation
 - 4.1.3.2 Training status
 - 4.1.3.3 Availability of backup systems
 - 4.1.3.4 Community/Public Health resources

5. MATERIALS AND EQUIPMENT:

- 5.1 **Forms and Records:**
 - 5.1.1 N/A
- 5.2 **Materials and Equipment**
 - 5.2.1 N/A

6. RESPONSIBILITIES:

6.1 It is the responsibility of the Infection Prevention and Control staff to implement this policy.




7. APPENDICES:

- 7.1 Probability of occurrence of the event/condition: based on known risks, historical data & reports in literature. See attachment 7.1
- 7.2 Impact of the event/condition at different levels. See attachment 7.2
- 7.3 Current preparedness of the system. See attachment 7.3

8. REFERENCES:

- 8.1 Healthcare Associated Infections (HAIs) Surveillance Manual. Second Edition. November 2023
https://jed-s3.blumalt.com/psj1-ifn-s3-ifn01/files/07/Guidelines/MOH_Surveillance_Manual_2nd_Edition_2023%5B1%5D.pdf

9. APPROVALS:

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7.1 Probability of occurrence of the event/condition: based on known risks, historical data & reports in literature.

Rate	Probability of occurrence	Description
0	Never	No possibility to occur
1	Rare	Risk is not expected to occur
2	Maybe	Occur infrequently but remain a possibility, few times per year or per activity
3	Likely	Risk is not a persistent issue, once several times per year month or per activity
4	Expected	Occur frequently, pose a constant threat once or several times per day

7.2 Impact of the event/condition at different levels.

Rate	Consequence of occurrence	Description
1	Minimal clinical	No real risk or harm
2	Moderate clinical	Minimal real risk or harm
3	Permanent harm	Prolonged length of stay
4	Serious Loss	Permanent injury
5	Life threatening	May cause death

7.3 Current preparedness of the system

Rate	Preparedness level	Description
1	Solid	Risk would be avoided if plan of actions took place
2	Good	Consequences are minimized by the plan of actions
3	Fair	Plan of actions needs to be modified ASAP
4	Poor	Plan of action not enough
5	None	No plan of Action

Example of infection control risk assessment:

Event or Condition	What is probability of event/condition occurring?					What is potential impact of event/condition on patients and staff?					What is organization's preparedness to deal with this event/condition?					Numerical risk level	
	• Expected	• Likely	• Maybe	• Rare	• Never	• Life threatening	• Serious Loss	• Permanent harm	• Moderate clinical	• Minimal clinical	• None	• Poor	• Fair	• Good	• Solid		
Level																	Total
	4	3	2	1	0	5	4	3	2	1	5	4	3	2	1		
C-diff infection	4							3					3				36
CABG SSI	4						4					4					64

- Multiply the ratings for each risk in the area of probability, impact and current systems
 - C-diff infection risk: $4 \times 3 \times 3 = 36$
 - CABG SSI risk: $4 \times 4 \times 4 = 64$
- Sort the total score in descending order
- Determine a cut off value below which no action is necessary
- Review with organization for acceptance of priorities