
Start of Block: General Information

General Information

Facility Name

Facility Point of Contact

Is your organization located within the United States?

- Yes
- No
-

Display This Question:

If Is your organization located within the United States? = Yes

Does your organization operate a High Level Isolation Unit?

- Yes
- No
-

PRE-INTERNATIONAL WORKSHOP ON HIGH-LEVEL ISOLATION SURVEY

Capacity of the High-Level Isolation Unit

Your high-level isolation unit (HLIU) is located within a(n):

- Main hospital building(s)
 - Independent / stand-alone facility
 - Other (Please specify): _____
-

Display This Question:

If Your high-level isolation unit (HLIU) is located within a(n): = Main hospital building(s)

HLIU is located within a(n):

- Academic / teaching Medical Center
 - Referral / regional hospital (Not an Academic Medical Center)
 - Other (e.g. Armed Forces / Infectious Disease Center. Please specify):

-

Display This Question:

If Your high-level isolation unit (HLIU) is located within a(n): = Main hospital building(s)

Where are your HLIU rooms specifically located?

- In a physically independent unit
 - Within an encompassing unit (e.g. Infectious Disease Ward, or ICU)
 - Other (please specify): _____
-

Display This Question:

If Where are your HLIU rooms specifically located? = In a physically independent unit

Is the air handling for the HLIU separate from the air handling for the rest of the building?

Yes

No

Display This Question:

If Where are your HLIU rooms specifically located? = Within an encompassing unit (e.g. Infectious Disease Ward, or ICU)

Is there a physical barrier (wall or other) separating the HLIU rooms from the rest of the encompassing unit (e.g. Infectious Disease Ward, ICU)?

Yes

No

Display This Question:

If Is there a physical barrier (wall or other) separating the HLIU rooms from the rest of the encompassing unit? = Yes

Please describe the barrier:

Display This Question:

If Where are your HLIU rooms specifically located? = Within an encompassing unit (e.g. Infectious Disease Ward, or ICU)

Is the air handling of the HLIU rooms separate from the air handling of the rest of the encompassing unit (e.g. Infectious Disease Ward, ICU)?

Yes

No

Display This Question:

If Your high-level isolation unit (HLIU) is located within a(n): = Independent / stand-alone facility

Is the HLIU located on the same campus as main hospital building(s)?

Yes

No

Display This Question:

If Your high-level isolation unit (HLIU) is located within a(n): = Independent / stand-alone facility

HLIU is associated with a(n):

Academic / teaching Medical Center

Referral / regional hospital (Not an Academic Medical Center)

Other (e.g. Armed Forces / Infectious Disease Center. Please specify):

HLIU is:

An isolation unit exclusively for the treatment of Highly Infectious Diseases (HIDs) (not used on daily basis for other patients)

An isolation unit for the treatment of HIDs which is routinely used for standard (non-HID) patient care (used on daily basis for other patients)

Your HLIU will care for: (select all that apply)

- Adults
 - Pregnant women (at any stage of pregnancy)
 - Children
 - Neonates
-

Physical number of HLIU beds for adults:

Display This Question:

If Your HLIU will care for: (select all that apply) = Children

Physical number of HLIU beds for children:

Display This Question:

If Your HLIU will care for: (select all that apply) = Children

Beds for adults and children listed above are the same?

- Yes
 - No
-

What is the maximum capacity of your HLIU when configured for VHF or airborne transmitted diseases?

	Total number HLIU Beds	How many of these beds are ICU Beds?	Total number of HLI rooms
Viral hemorrhagic fevers			
Airborne transmitted diseases (SARS, MERS, Novel Influenza)			

How many hours does it take from first notification of the need for activation until the HLIU is fully operational and HID patient(s) can be admitted?

	1 - 4 hrs	5- 8 hrs	>8 hrs	Other (please specify below)
For non-ICU cases:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
For ICU cases:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Display This Question:
 If How many hours does it take from first notification of the need for activation until the HLIU is... = For non-ICU cases: [Other (please specify below)]

For non-ICU cases "Other", please specify:

Display This Question:
 If How many hours does it take from first notification of the need for activation until the HLIU is... = For ICU cases: [Other (please specify below)]

For ICU cases "Other", please specify:

Can the HLIU and the corresponding staff be activated 24/7 all year long?

Yes

No (please elaborate): _____

Location(s) where HID agent **confirmatory testing** is performed (select all that apply):

Within the patient care room

Within the HLIU

Within the same campus

Within the same city

With in the region

Other (please specify): _____

HID agent **confirmatory testing** is performed by:

Bedside Point of Care Testing

Clinical laboratory

Reference / Public Health laboratory

Other (please specify): _____

Location(s) where **routine clinical laboratory diagnostic testing** (e.g. chemistries, hematology) is performed: (select all that apply)

Within the patient care room

Within the HLIU

Within the same campus

Within the same city

Within the region

Other (please specify): _____

End of Block: Capacity of the High-Level Isolation Unit

Start of Block: High-Level Isolation Unit Features

PRE-INTERNATIONAL WORKSHOP ON HIGH-LEVEL ISOLATION SURVEY

High-Level Isolation Unit Features

Does your HLIU have separate entrances into the unit for personnel and patients?

Yes

No

Please specify the following about your HLIU and your HLIU patient rooms layout: (select all that apply)

	Equipped with <u>dual ante rooms</u> for unidirectional flow of personnel and equipment (separate entrance and exit)	Equipped with <u>single ante room</u> for entry and exit (entrance and exit are one in the same)	Alternative strategy for ingress and egress of contaminated areas is used
HLIU	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
HLIU Patient rooms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Display This Question:

If Please specify the following about your HLIU and your HLIU patient rooms layout: (select all that... = HLIU [Alternative strategy for ingress and egress of contaminated areas is used]

Please specify your strategy for ingress and egress of contaminated areas in the HLIU.

Display This Question:

If Please specify the following about your HLIU and your HLIU patient rooms layout: (select all that... = HLIU Patient rooms [Alternative strategy for ingress and egress of contaminated areas is used]

Please specify your strategy for ingress and egress from HLIU patient rooms.

Where do HLIU staff doff PPE?

- Doffing while exiting the patient room
 - Doffing at a designated place within the HLIU (outside of the patient room)
 - Doffing while exiting the HLIU
-

Does a designated pathway for evacuation of the HLIU exist?

- Yes
 - No
-

Display This Question:

If Does a designated pathway for evacuation of the HLIU exist? = Yes

And Your high-level isolation unit (HLIU) is located within a(n): = Main hospital building(s)

The designated pathway for evacuation of a the HLIU is:

- exclusively for the HLIU / HLIU patient rooms
 - the same pathway is used for other (non high-level isolation) wards / rooms / facilities
 - other (please specify): _____
-

The HLIU patient rooms exhaust air to:

- a single HEPA filter
 - two HEPA filters in series
 - directly to the environment without HEPA filtration
-

Which of the following negative pressure indicators are the HLIU patient rooms equipped with?
(select all that apply)

- Audio alarm
- Visual gauge
- Other (please specify): _____
- HLIU patient rooms are not equipped with negative pressure indicators

Do your HLIU patient room(s) have automated doors?

- Yes
- No

Display This Question:

If Do your HLIU patient room(s) have automated doors? = Yes

Please specify if the automated doors are/have: (select all that apply)

- Automated opening
- Automated closing
- Sliding doors
- Swinging doors
- Touch pads
- Foot pads
- Other (please specify): _____

Which of the following communication systems are available in the HLIU for patient-to-healthcare worker communication without entering the isolation room? (select all that apply).

- Intercom
 - Headsets
 - Telephone
 - Video
 - Whiteboards
 - Other (please specify): _____
 - None; the HLIU is not equipped for patient-to-healthcare worker communication without entering the isolation room
-

Which of the following communication systems are available in the HLIU for healthcare worker-to-healthcare worker communication without entering the isolation room? (select all that apply).

- Intercom
 - Headsets
 - Telephone
 - Video
 - Whiteboards
 - Other (please specify): _____
 - None; the HLIU is not equipped for healthcare worker-to-healthcare worker communication without entering the isolation room
-

Does the HLIU have an exit shower for medical personnel when they depart the unit after a shift?

Yes

No

How does the HLIU move patient samples out of the patient room? (select all that apply):

Dunk tank

Light box

Air lock

Surface decon (with/without additional containers such as plastic bags beyond the primary sample container)

Other (please specify): _____

End of Block: High-Level Isolation Unit Features

Start of Block: High-Level Isolation Unit Clinical Care Capabilities

PRE-INTERNATIONAL WORKSHOP ON HIGH-LEVEL ISOLATION SURVEY

High-Level Isolation Unit Clinical Care Capabilities

Separate from incident command, is the HLIU directed by a “leadership team” or group of individuals responsible for management duties (e.g. financial management, education/training coordination, lead medical and nursing care)?

Yes

No

Display This Question:

If Separate from incident command, is the HLIU directed by a "leadership team" or group of individuals... = Yes

Please specify which of the following roles are represented within the "leadership team":

- Senior Executive (Executive Director, VP, or higher)
 - Medical Director
 - Nursing Director
 - Laboratory Director
 - Training Director
 - Environmental Services Director
 - Industrial Hygienist
 - Transportation Logistics Director
 - Waste Manager
 - Public Relations
 - Building/Facilities Staff
 - Human Resources Staff
 - Biomedical Engineer
 - Materials Management
 - Others (please specify): _____
-

Display This Question:

If Separate from incident command, is the HLIU directed by a "leadership team" or group of individuals... = Yes

Please specify how often the "leadership team" convenes when the HLIU is not in use:

- Weekly
 - Monthly
 - Quarterly
 - Annually
 - Other (please specify): _____
-

How is the HLIU staffed?

- Entirely volunteer-based (staff opt into working in the HLIU)
 - Entirely non-volunteer based (non-voluntary assignment)
 - Some volunteer and some assigned staff
-

Approximate total number of nursing and technical staff (by specialty) currently trained in PPE to work in the HLIU (empty responses will be interpreted as non-applicable or "0"):

- Pediatric _____
 - Critical Care _____
 - Emergency Department _____
 - Labor and Delivery / Obstetrics _____
 - Respiratory therapists _____
 - Infection prevention and control _____
 - Surgery _____
 - Others (please specify): _____
-

Approximate total number of physicians (by specialty) currently trained in PPE to work in the HLIU (empty responses will be interpreted as non-applicable or "0"):

- Pediatricians _____
 - Pediatric subspecialists _____
 - Critical Care / Pulmonologists _____
 - Emergency Medicine _____
 - Infectious Diseases _____
 - Internists _____
 - Cardiologists _____
 - Nephrologists _____
 - Ob/Gyn _____
 - Surgeons / Anesthesia _____
 - Other (please specify): _____
-

Does the HLIU require new staff to complete orientation training before they are allowed to work in the HLIU?

- Yes
 - No
 - In development
-

Display This Question:

*If Does the HLIU require new staff to complete orientation training before they are allowed to work...
= Yes*

*Or Does the HLIU require new staff to complete orientation training before they are allowed to work...
= In development*

The required orientation training is: (select all that apply)

- A HLIU "unit specific" training module
 - A hospital infection control module
 - An internationally-recognized training (e.g. ET IDE). Please specify which one:

-

Display This Question:

*If Does the HLIU require new staff to complete orientation training before they are allowed to work...
= Yes*

Please specify the method(s) and duration (hours) of orientation training (please enter hours for methods that are used):

	Hours
"Hands on" demonstration of skills	
Lecture / course	
Video	
Reading	
Other (please specify):	

Display This Question:

*If Does the HLIU require new staff to complete orientation training before they are allowed to work...
= Yes*

Must trainees successfully demonstrate competence (i.e. perform manual skills and medical care procedures) to their instructors before working in the HLIU (i.e. not solely attend a course)?

Yes

No

Display This Question:

If Must trainees successfully demonstrate competence (i.e. perform manual skills and medical care pr... = Yes

Are trainees in PPE while their competency in relevant skills is assessed?

Yes

No

Must HLIU staff undergo re-training / continuing education?

Yes

No

In development

Display This Question:

If Must HLIU staff undergo re-training / continuing education? = Yes

Please specify the method(s) and duration (hours) of re-training / continuing education (please enter hours for methods that are used):

	Hours
"Hands on" demonstration of skills	
Lecture / course	
Video	
Reading	
Other (please specify)	

Display This Question:

If Does the HLIU require new staff to complete orientation training before they are allowed to work... = Yes

Or Must HLIU staff undergo re-training / continuing education? = Yes

Please specify by discipline: the duration of orientation training (hours), whether staff are required to pass a skills competency check before working in the isolation room/unit, whether staff undergo re-training/continuing education (CE), and if applicable, frequency of re-training/CE (e.g., quarterly), duration (hours) of re-training/CE required for each position listed below:

	Hours of Orientation Training	Initial Skills Check	Re-training / CE	Training Frequency
	(enter number of hrs.)	(select all that apply)	(select all that apply)	(enter number of trainings per year)

Nurses		<input type="checkbox"/>	<input type="checkbox"/>	
Physicians		<input type="checkbox"/>	<input type="checkbox"/>	
Respiratory Therapists		<input type="checkbox"/>	<input type="checkbox"/>	
Patient Care Technicians		<input type="checkbox"/>	<input type="checkbox"/>	
Laboratory Specialists / Technologists		<input type="checkbox"/>	<input type="checkbox"/>	
Environmental Specialists		<input type="checkbox"/>	<input type="checkbox"/>	
Consultants		<input type="checkbox"/>	<input type="checkbox"/>	
Other (please specify)		<input type="checkbox"/>	<input type="checkbox"/>	

Has your HLIU assessed health care worker confidence (safety climate*) in safety policies?
**Safety climate - summary of perceptions that employees share about the safety of their work environment.*

Yes

No

Display This Question:

If Has your HLIU assessed health care worker confidence (safety climate) in safety policies?
Safet... = Yes

Which of the following strategies were employed to assess health care worker confidence in safety policies? (select all that apply)

Personal interview

Anonymous questionnaire

Attributable questionnaire

Group discussion

Other (please specify): _____

Which of the following modalities are performed in your HLIU? (select all that apply)

- Mechanical ventilation
 - Prone positioning
 - ECMO
 - Continuous renal replacement therapy
 - Central venous catheter placement and management
 - Ultrasound
 - X-Ray
 - MRI
 - CT
 - Emergency surgeries
 - Non-emergent deliveries
 - Autopsy
-

End of Block: High-Level Isolation Unit Clinical Care Capabilities

Start of Block: Pathogen Specific Policies and Procedures

PRE-INTERNATIONAL WORKSHOP ON HIGH-LEVEL ISOLATION SURVEY

Pathogen Specific Policies and Procedures

Indicate what pathogens would be cared for in your HLIU and which pathogens would be cared for outside of your HLIU (check in HLIU, out of HLIU, case by case determination)

	In HLIU	Out of HLIU	Case By Case
Extensively drug-resistant M. tuberculosis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Kyasanur Forest disease virus and Omsk hemorrhagic fever virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Russian spring-summer encephalitis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Junin virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lassa fever virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Guanarito virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Machupo virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sabia virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Crimean-Congo hemorrhagic fever virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hendra and Hendra-like virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vesicular stomatitis virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ebola virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Marburg virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MERS coronavirus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SARS-associated coronavirus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Novel influenza virus

Smallpox and other
pox viruses

Herpesvirus simiae
(B)

Hantaan viruses



Display This Question:

If Indicate what pathogens would be cared for in your HLIU and which pathogens would be cared for outside of your HLIU (check in HLIU, out of HLIU, case by case determination)

Carry Forward Selected Choices from "Indicate what pathogens would be cared for in your HLIU and which pathogens would be cared for outside of your HLIU (check in HLIU, out of HLIU, case by case determination)"

Does your facility plan to use only HLIU staff to care for persons under investigation who do not yet have a confirmatory test result for one of the following HID agents?

	Yes	No	Case By Case
Extensively drug-resistant M. tuberculosis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Kyasanur Forest disease virus and Omsk hemorrhagic fever virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Russian spring-summer encephalitis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Junin virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lassa fever virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Guanarito virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Machupo virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sabia virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Crimean-Congo hemorrhagic fever virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hendra and Hendra-like virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vesicular stomatitis virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ebola virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Marburg virus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MERS coronavirus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
SARS-associated coronavirus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Novel influenza virus

Smallpox and other
pox viruses

Herpesvirus simiae
(B)

Hantaan viruses



Please indicate whether your HLIU has experience treating patients with either suspected non-confirmed and/or confirmed HID patients: (select all that apply)

	Suspected, non-confirmed HIDs	Confirmed HIDs	N/A
Extensively drug-resistant M. tuberculosis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kyasanur Forest disease virus and Omsk hemorrhagic fever virus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Russian spring-summer encephalitis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Junin virus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lassa fever virus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Guanarito virus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Machupo virus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sabia virus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crimean-Congo hemorrhagic fever virus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hendra and Hendra-like virus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vesicular stomatitis virus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ebola virus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Marburg virus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MERS coronavirus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SARS-associated
coronavirus

Novel influenza virus

Smallpox and other
pox viruses

Herpesvirus simiae
(B)

Hantaan viruses



Please indicated what PPE ensemble your HLIU staff would use when rendering patient care to a patient know to be infected with each of the HID agents below.

	Fully encapsulated suit	Coveralls	Gown	Apron	PAP R	Filtering facepiece respirator (N95, N100)	Head protections (full face shield, eye protection, hood with face shield, hair covering)	Foot coverings	Gloves
XDR-TB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flaviviruses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arenaviruses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bunyaviruses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Paramyxoviruses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rhabdoviruses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Filoviruses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SARS-CoV & MERS-CoV	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Novel Influenza virus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smallpox & other pox viruses	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Herpesvirus simiae (B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Does your HLIU have protocols regarding maximum time allowed in PPE?

Yes

No

Does your HID staffing model differ based on patient acuity or isolation precautions?

Yes

No

Display This Question:

If Does your HID staffing model differ based on patient acuity or isolation precautions? = No

Please complete the table below to summarize your HID staffing model:

	Physicians	Nurses
Hours per shift		
HCW to HID patient ratio		

Display This Question:

If Does your HID staffing model differ based on patient acuity or isolation precautions? = Yes

Please complete the table below to summarize your HID staffing model:

	<u>Critical care</u> patient with HID requiring <u>contact</u> and <u>droplet</u> precautions	<u>Non-critical care</u> patient with HID requiring <u>contact</u> and <u>droplet</u> precautions	<u>Critical care</u> patient with HID requiring <u>airborne</u> precautions	<u>Non-critical care</u> patients with HID requiring <u>airborne</u> precautions
How many hours are the nursing shifts?				
What is the ratio of nurses to the patient?				
How many hours are the physician shifts?				
What is the ratio of physicians to the patient?				

When activated, are HLIU staff “dedicated” to only caring for confirmed HID patient(s) within the HLIU (i.e. staff do not provide care for patients in other units)?

- Yes
 - No
 - Case by case
-

Display This Question:

If When activated, are HLIU staff “dedicated” to only caring for confirmed HID patient(s) within the... = Yes

Or When activated, are HLIU staff “dedicated” to only caring for confirmed HID patient(s) within the... = Case by case

This restriction (caring for confirmed HID patient(s) in the HLIU only) is imposed by: (select all that apply)

- Hospital regulation
 - Local public health regulation
 - State regulation
 - Other (please specify): _____
-
-

PRE-INTERNATIONAL WORKSHOP ON HIGH-LEVEL ISOLATION SURVEY

Medical Countermeasures/Experimental Therapies, and Occupational Health Considerations

Does your facility have criteria to evaluate the psychological wellbeing of HCWs working in the HLIU?

Yes

No

Display This Question:

If Does your facility have criteria to evaluate the psychological wellbeing of HCWs working in the H... = Yes

Please describe criteria:

Does your facility have criteria to evaluate the physical fitness of HCWs for working in the HLIU?

Yes

No

Display This Question:

If Does your facility have criteria to evaluate the physical fitness of HCWs for working in the HLIU? = Yes

Please describe criteria:

Does your HLIU have protocols for the administration of pre- and post-exposure smallpox vaccine to HLIU staff?

	Is mandatory	Is optional	Not addressed in protocols
pre-exposure smallpox vaccine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
post-exposure smallpox vaccine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Does your HLIU have an interest and/or prior experience in enrolling healthcare personnel in pre- or post-exposure prophylaxis studies (vaccines or therapeutics) or trials when caring for patients infected with HIDs?

	Yes	No
<u>Interest</u> in enrolling healthcare personnel in pre- or post-exposure prophylaxis studies or trials when caring for patients with HIDs	<input type="radio"/>	<input type="radio"/>
<u>Prior Experience</u> in enrolling healthcare personnel in pre- or post-exposure prophylaxis studies or trials when caring for patients with HIDs	<input type="radio"/>	<input type="radio"/>

Does the HLIU have procedures for health monitoring of staff after working in the HLIU or coming into contact (no exposure) with infectious substances (e.g. laboratory testing)?

Yes

No

Display This Question:

If Does the HLIU have procedures for health monitoring of staff after working in the HLIU or coming...
= Yes

Health monitoring of staff is: (select all that apply)

- Performed at the hospital (in isolation unit)
 - Performed at the hospital (not in isolation unit)
 - Performed at home (with check of temperature)
 - Reported to the local/state public health department
 - Website/online data entry
 - Other (please specify): _____
-

Start of Block: Networking and Information Sharing

PRE-INTERNATIONAL WORKSHOP ON HIGH-LEVEL ISOLATION SURVEY

Networking and Information Sharing

Does your HLIU leadership have an interest in participating in collaborative multi-site clinical research protocols with other HLIUs?

Yes

No

Would your HLIU be interested in participating in an international network of HLIUs focusing on the management of HIDs and operations of these units?

Yes

No

PRE-INTERNATIONAL WORKSHOP ON HIGH-LEVEL ISOLATION SURVEY

Care for Pathogens Outside of High-Level Isolation Unit

Does your facility have a surge plan in case of increased demand for high-level isolation?

Yes

No

Display This Question:

If Does your facility have a surge plan in case of increased demand for high-level isolation? = Yes

Does your facility's HID surge plan address:

	Yes	No
Beds	<input type="radio"/>	<input type="radio"/>
PPE	<input type="radio"/>	<input type="radio"/>
Medical instruments (e.g. Ventilators)	<input type="radio"/>	<input type="radio"/>
Management of waste	<input type="radio"/>	<input type="radio"/>

Display This Question:

If Does your facility's HID surge plan address: = Beds [Yes]

Please specify how many isolation beds (single bed with negative pressure) are available for HID surge capacity in your facility:

Does your facility have a surge plan in case of increased demand for HLIU staff?

Yes

No

Display This Question:

If Does your facility have a surge plan in case of increased demand for HLIU staff? = Yes

Please specify what strategies your facility plans to use in case of increased demand for HLIU staff: (select all that apply)

Modification of time shifts (increase in duration or frequency)

Recruitment of additional staff

Other (please specify): _____

PRE-INTERNATIONAL WORKSHOP ON HIGH-LEVEL ISOLATION SURVEY

Care of the Environment in the High-Level Isolation Unit

Has a risk assessment been conducted for the HLIU to assess and to identify controls to reduce exposure risks?

Yes

No

Display This Question:

If Has a risk assessment been conducted for the HLIU to assess and to identify controls to reduce ex... = Yes

Please indicate areas evaluated in the risk assessment:

Infection control

Occupational health

Regulatory compliance and safety in handling infectious or biohazardous materials

Ensure disinfection of contaminated environmental surfaces, medical equipment

Ensure safe collection, transport, treatment, and disposal of infectious waste generated in unit

Are ceiling and walls inside the HLIU patient room(s) constructed with materials that can be decontaminated?

Yes

No

Don't know

Are ceiling and walls inside the HLIU patient room(s) sealed (water and particle-proven)?

- Yes
 - No
 - Don't know
-

Does your HLIU have specific procedures/written protocols for final disinfection of HLIU patient rooms?

- Yes
 - No
-

Display This Question:

If Does your HLIU have specific procedures/written protocols for final disinfection of HLIU patient... = Yes

Please specify the procedures for final disinfection of HLIU patient rooms: (select all that apply)

- Fumigation of isolation room(s)
 - Surface disinfection of isolation room(s)
 - Other (please specify): _____
-

Does your HLIU have specific procedures for hygiene and/or disinfection of medical devices (bronchoscopy, gastroscopy, other) and non-disposable PPE, potentially contaminated with HID pathogen?

- Yes
 - No
-

Display This Question:

If Does your HLIU have specific procedures for hygiene and/or disinfection of medical devices (bronc... = Yes

Please specify where hygiene/disinfection of medical devices and non-disposable PPE occurs:

- Within the facility
 - In a BSL3 laboratory
 - In the central sterilization area of the referral hospital/facility
-

Does your HLIU have built-in capacity for decontaminating liquid waste before release into the environment, beyond what is used in other medical facilities? (select all that apply):

- Large capacity holding tanks
 - Steam or heat treatment
 - Chemical treatment (beyond simply pouring a disinfectant such as bleach into the toilet or drains)
 - Other (please specify): _____
 - No such built-in capacity for decontamination exists in my HLIU
-

Does your HLIU have specific system/written protocols for disposal of liquid waste?

- Yes
 - No
-

Display This Question:

If Does your HLIU have specific system/written protocols for disposal of liquid waste? = Yes

Please specify the system/protocol for disposal of liquid waste:

- Specific procedures have been developed, and plan that liquid waste is disposed directly in the regular drain system of the hospital (without prior decontamination)
 - Liquid waste is chlorinated and then disposed directly in the regular drain system of the hospital
 - Liquid waste is solidified (jellified) and disposed of as solid waste
 - Liquid waste is decontaminated by chlorination or other (peracetic acid) process in a specific drain system of the facility
 - Other (please describe briefly): _____
-

Is the HLIU equipped with a specific drain system for decontamination (e.g. chlorination basin, other)?

- Yes
 - No
-

Is there on-site sterilization of HID waste?

- Yes
 - No
-

Display This Question:

If Is there on-site sterilization of HID waste? = Yes

Please specify sterilization method (select all that apply):

- Autoclave
 - Incinerator
 - Other (please specify): _____
-

Display This Question:

If Please specify sterilization method (select all that apply): = Autoclave

Please specify where the autoclave is located and what it is used for: (select all that apply)

- Located within the HLIU
 - Located outside of the HLIU, on the same campus/grounds/compound
 - Not located on the same campus/grounds/compound as the HLIU
 - Used exclusively by the HLIU
 - Used by the HLIU as well as other departments
-

End of Block: Care of the Environment in the High-Level Isolation Unit

Start of Block: Financial Support for the High-Level Isolation Unit

PRE-INTERNATIONAL WORKSHOP ON HIGH-LEVEL ISOLATION SURVEY

Financial Support for the High-Level Isolation Unit

What is the primary source of funding for your HLIU?

What is your annual operating budget to maintain your HLIU? (please enter amount in US dollars)

End of Block: Financial Support for the High-Level Isolation Unit