

IPAC – Core Competencies

Risk Assessment and Chain of Transmission Challenge Quiz

Now it’s time to test your comprehension of IPAC – Core Competency – Risk Assessment and Chain of Transmission. There are 5 questions below. Read the questions carefully, then answer. Once you have finished, review the Answer Key below and compare your answers. If your answers do not match, go back and review the course material. If they do match, please follow the certificate of completion instructions found at the end of this document.

Question 1

Using the model of the Chain of Transmission, select the appropriate link in the Chain of Transmission that matches with each description.

Influenza Virus

Infectious Agent	Reservoirs	Portals of Exit	Modes of Transmission	Portals of Entry	Susceptible Host
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Hands and contaminated surfaces

Infectious Agent	Reservoirs	Portals of Exit	Modes of Transmission	Portals of Entry	Susceptible Host
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People who have not received their annual influenza vaccine

Infectious Agent	Reservoirs	Portals of Exit	Modes of Transmission	Portals of Entry	Susceptible Host
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Client/patient/resident’s lungs and air passages

Infectious Agent	Reservoirs	Portals of Exit	Modes of Transmission	Portals of Entry	Susceptible Host
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Coughing and sneezing

Infectious Agent	Reservoirs	Portals of Exit	Modes of Transmission	Portals of Entry	Susceptible Host
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Eye, nose, mouth

Infectious Agent	Reservoirs	Portals of Exit	Modes of Transmission	Portals of Entry	Susceptible Host
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Question 2

A housekeeper, wearing gloves, cleans and disinfects the floor where small blood drops have fallen. With these actions, which link(s) in the Chain of transmission is/are broken? Click on the correct statement(s). Select ALL that apply.

Infectious Agent (potentially)

Reservoir

Portal of exit

Mode of transmission

Portal of entry

Susceptible host

Question 3

What should you do first before you EITHER perform wound care on a client/patient/resident OR clean his/her environment? Click on the appropriate answer(s). Select ALL that apply.

Perform a Risk Assessment

Clean the cart

Gather equipment and supplies

Inform your supervisor

Question 4

Which questions are appropriate when performing a personal risk assessment? Click on the appropriate answer(s). Select ALL that apply.

How skilled am I at this task?

How cooperative is my client/patient/resident?

How is my supervisor going to evaluate my work?

Does my client/patient/resident have uncontrolled drainage?

Question 5

Which of the following activities may reduce the transmission of infectious agents? Click on the appropriate answer(s). Select ALL that apply.

A health care worker cleans shared care equipment.

A health care worker removes a soiled dressing and puts it directly into the garbage.

A health care worker sorts cleaning supplies in the housekeeping cupboard.

A health care worker removes gloves and gives the resident medication.

Answer Key

Question 1: Using the model of the Chain of Transmission, match the link in the Chain of Transmission with each description.

Influenza virus: Infectious Agent

Hands and contaminated surfaces: Mode of Transmission

People who have not received their annual influenza vaccine: Susceptible Host

Client/patient/resident's lungs and air passages: Reservoir

Coughing and sneezing: Portals of Exit

Eyes, nose, mouth: Portal of Entry

Question 2: A housekeeper, wearing gloves, cleans and disinfects the floor where small blood drops have fallen. With these actions, which link(s) in the Chain of transmission is/are broken?

Infectious Agent

Mode of Transmission

Portal of Entry

Question 3: What should you do first before you EITHER perform wound care on a client/patient/resident OR clean his/her environment?

Perform a Risk Assessment

Question 4: Which questions are appropriate when performing a personal risk assessment?

How skilled am I at this task?

How cooperative is my client/patient/resident?

Does my client/patient/resident have uncontrolled drainage?

Question 5: Which of the following activities may reduce the transmission of infectious agents?

A health care worker cleans shared care equipment.

A health care worker removes a soiled dressing and puts it directly into the garbage.

Certificate

Once you have successfully completed the Challenge Questions you may [download or print a Certificate of Completion](#).

For questions about the material, please contact ipac@oahpp.ca.