Chain of Transmission and Risk Assessment *Summary*

Two important elements in Routine Practices are:

- Understanding the chain of transmission and knowing how to break the links in the chain of transmission; and
- Performing organizational and personal Risk Assessments

The Chain Of Transmission

Transmission of an infectious agent does not occur if any of the links in the chain of transmission are "broken". Transmission may be interrupted when:

- the agent is eliminated or inactivated or cannot exit the reservoir
- portals of exit are eliminated through safe practices
- transmission between objects or people does not occur due to barriers and/or safe practices
- portals of entry are protected
- hosts are not susceptible

Risk Assessment

An organizational risk assessment is performed by the employer to:

- put engineering controls in place
- put administrative controls in place
- provide PPE as required

A personal risk assessment is performed by staff to:

- identify controls already in place
- use additional measures, if needed





