

The Infection Post

Skin Infections: what you need to know

Risk factors

- Vulnerable population
- Inadequate personal and environmental hygiene
- Overcrowding and close physical proximity
- Sharing personal items
- Colonization

Testing

- Clinical diagnosis by a clinician
- Laboratory testing in consultation with a medical doctor to confirm type of infection
- Consider testing if affected site is not healing

Symptoms

- Heat at the affected site
- Redness at the affected site
- Swelling at the affected site
- Tenderness or pain at the affected site
- Serous drainage at the affected site
- Presense of pus

Prevention strategies

- Routine handwashing or alcohol-based hand rub (ABHR) before/after resident contact
- Regular body hygiene (bathing/showering)
- Staff and resident education on hand hygiene, aseptic procedures
- Prompt cleansing and covering of cuts, ulcers, and abrasions
- Pressure injury prevention (moisture control, repositioning)
- Routine and enhanced cleaning of high-touch surfaces, beds, linens, bathrooms
- Proper use of PPE (especially gloves for wound care or suspected infection)
- Avoid sharing personal items (towels, razors, clothing)
- Surveillance: Routine skin assessments at admission and periodically
- Regular staff training
- Decolonization

68% of skin lesions are due to infections

Bacterial Infection



Impetigo
(honey-colored crusts)



Cellulitis
(diffuse erythema, swelling)



Furuncle
(localized pustular lesion)

Viral Infection



Herpes simplex
(grouped vesicles)



Verruca
(rough hyperkeratotic papule)



Varicella lesions
(vesicle on erythematous base)

Fungal Infection



Tinea corporis
(annular lesion with central clearing)

Guidance Documents & Resources

- [Surveillance definitions for infections in Canadian long-term care homes.](#)
- [Skin Infections: What You Should Know](#)
- [The Identification and Treatment of Common Skin Infections](#)
- [Analysis of Types of Skin Lesions and Diseases in Everyday Practice](#)

