

## Bed Bugs/Head Lice/Scabies Highlights

<b>Contact</b>	<ul style="list-style-type: none"> <li>Housekeeping (HSKG) and Facility Management (pest/environmental control) as appropriate</li> <li>IP&amp;C (patient management) and OESH (staff exposures)</li> </ul>		
<b>GENERAL INFORMATION</b>			
	<a href="#"><u>BED BUGS Protocol</u></a>	<a href="#"><u>Head LICE Protocol</u></a>	<a href="#"><u>SCABIES Protocol</u></a>
<b>Photos</b>	 Bites 	 Nits (eggs) 	 Normal Scabies  Norwegian 
<b>'Bug' Appearance</b>	<ul style="list-style-type: none"> <li>Size of apple seed; flat oval body</li> <li>Brown; after feeding swell and can be bright or dark red</li> </ul>	<ul style="list-style-type: none"> <li>Size of a rice grain</li> <li>Grayish brown in colour</li> <li>Nits can be mistaken for dandruff</li> </ul>	<ul style="list-style-type: none"> <li>1/3 mm long</li> <li>Bites can be mistaken for Psoriasis or other skin condition</li> </ul>
<b>Facts</b>	<ul style="list-style-type: none"> <li>Visit host to feed, not live</li> <li>Most active at night</li> <li>Do not transmit disease</li> <li>Live up to 550 days without food</li> </ul>	<ul style="list-style-type: none"> <li>Nits adhere to hair</li> <li>Do not transmit disease</li> <li>Die if off host for 2 days</li> </ul>	<ul style="list-style-type: none"> <li>Diagnosed by skin scraping</li> <li>Eggs are laid under the skin</li> <li>Do not transmit disease</li> <li>Die if off host for 3-4 days</li> </ul>
<b>Location</b>	<ul style="list-style-type: none"> <li>Bites on exposed skin</li> <li>Bugs or dark spots/stains on bed frame, mattress &amp; bedding, headboard, baseboards, clothes, items with close body contact</li> </ul>	<ul style="list-style-type: none"> <li>Nits and lice around ears, forehead, nape of neck, near the scalp</li> <li>Body lice on clothes</li> <li>Crab lice on groins</li> </ul>	<ul style="list-style-type: none"> <li>Pimple-like rash or tiny lines in finger webs, wrists, elbows, arm pits, waist, penis, and buttocks</li> <li>Thick crust with Norwegian scabies</li> </ul>
<b>Communicability</b>	<ul style="list-style-type: none"> <li>Until removed from environment, patient and clothes</li> </ul>	<ul style="list-style-type: none"> <li>Until effective treatment</li> <li>Usually after 1, occasionally 2 treatments</li> </ul>	
<b>Transmission</b>	<ul style="list-style-type: none"> <li><b>DIRECT</b> contact with bugs on clothes, bedding, bed frames, headboards, baseboards, walls, walker, w/chair or environment</li> <li>Cannot jump</li> </ul>	<ul style="list-style-type: none"> <li><b>DIRECT</b> contact with louse</li> <li>Direct/indirect contact with comb, clothes, bedding, towel, belongings</li> <li>Head to head contact</li> <li>Cannot jump or fly</li> </ul>	<ul style="list-style-type: none"> <li><b>DIRECT</b> contact with mite, infested skin, laundry</li> <li><b>Crusted/Norwegian Scabies</b> more highly contagious due to large number of mites</li> </ul>
<b>Signs &amp; Symptoms</b>	<ul style="list-style-type: none"> <li>Red bump or flat welt similar to a mosquito bite</li> <li>Linear or cluster bite pattern</li> <li>Bugs visible on clothing or belongings</li> </ul>	<ul style="list-style-type: none"> <li>Itching</li> <li>Sores from scratching</li> <li>Visible nits or lice</li> </ul>	<ul style="list-style-type: none"> <li>Intense itching, worse at night, &amp; after bathing</li> <li>Pimply rash, tiny crooked lines on skin folds or skin eruptions</li> <li>Dermatitis, scaling</li> <li><b>Norwegian:</b> thick crust over skin; may look like psoriasis or eczema</li> </ul>
<b>INFECTION PREVENTION &amp; CONTROL MEASURES</b>			
<b>For Patients with Signs/Symptoms</b>	<ul style="list-style-type: none"> <li>Look for bites &amp; visible bugs, including mobility devices</li> <li>Bag and seal clothing. Send home to launder or store until discharge</li> <li>Inform other departments patient has visited</li> <li>Provide clean clothes, linens</li> </ul>	<ul style="list-style-type: none"> <li>Apply treatment; follow product instructions for use</li> <li>Manually remove nits daily</li> <li>If live lice found 1 week after treatment, repeat treatment</li> <li>Bag patient items</li> <li>Provide clean clothes, linens</li> </ul>	<ul style="list-style-type: none"> <li>Apply treatment; follow product instructions for use</li> <li>After waiting, wash off treatment following the product instructions for use, change all linens</li> <li>Bag patient items</li> <li>Provide clean clothes, linens</li> </ul>
<b>Additional Precautions &amp; PPE</b>	<ul style="list-style-type: none"> <li><b>Contact Precautions</b> if &gt; 1 bug seen</li> <li>Post sign on door/curtain</li> <li>Provide PPE as per signage</li> </ul>	<ul style="list-style-type: none"> <li><b>Routine Practices plus gloves for direct patient contact</b> until 24 hours after effective treatment</li> </ul>	<ul style="list-style-type: none"> <li><b>Contact Precautions</b> until               <ul style="list-style-type: none"> <li>24 hours after effective treatment (normal)</li> <li>Lesions resolved (Norwegian)</li> </ul> </li> </ul>
<b>Patient Accommodation</b>	<ul style="list-style-type: none"> <li>Single room preferred if available, or 2m b/w patients</li> <li>Door can remain open</li> <li>Double sided tape at door, around patient bedspace</li> </ul>	<ul style="list-style-type: none"> <li>Single room preferred if available, or 2metres between patients</li> <li>Door can remain open</li> </ul>	
<b>Patient Transport</b>	<ul style="list-style-type: none"> <li>For medically essential purposes only</li> <li>Notify Patient Transport Services &amp; receiving department in advance of transport/procedure</li> <li>Hand hygiene by transport staff and patient when leaving room</li> <li>Outside room, transport staff reapply clean gloves and clean gown as required</li> </ul>		
<b>Discontinuation of Additional Precautions</b>	<ul style="list-style-type: none"> <li>Once patient bathed, clothing/personal effects sealed in bag or taken home, and area disinfected by HSKG</li> <li>Terminal clean after discharge or precautions discontinued</li> </ul>	<ul style="list-style-type: none"> <li>Once 24 hours has passed since treatment application, clothing and personal effects sealed in bag or taken home, and linen changed</li> </ul>	<ul style="list-style-type: none"> <li>Once prescribed time has passed after treatment initiation, clothing/personal effects sealed in bag or taken home, treatment washed off, linen changed, &amp; area disinfected by HSKG</li> <li><b>Norwegian:</b> until lesions resolve</li> <li>Terminal clean after discharge or precautions discontinued</li> </ul>
<b>Visitor Management</b>	<ul style="list-style-type: none"> <li>Educate visitors regarding Routine Practices &amp; hand hygiene; and Contact Precautions &amp; correct PPE use</li> <li>Advise symptomatic visitors to stay home; exception may be considered in extenuating situations; contact IP&amp;C</li> <li>Avoid visiting more than one patient or, if necessary, change PPE and perform HH between patients</li> </ul>		