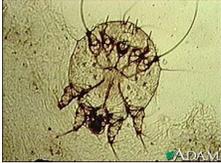


Bed Bugs		Scabies	
Organism 	<i>Cimex lectularius</i> (insect) Small but can be seen with naked eye 	Organism 	<i>Sarcoptes scabiei</i> var <i>hominis</i> (mite) Very small and can not be seen with naked eye 
Transmission	Not transmitted from person to person. Exposure to infested environment, even in a person with good personal hygiene, will likely result in bites	Transmission	PERSON TO PERSON through prolonged direct contact with infested skin (often sexually transmitted). Less likely, transfer from undergarments or bed clothes if just occupied by infested person
Communicability	n/a	Communicability	Until mites and eggs are destroyed by treatment
Where are they?	Hiding in cracks and crevices in beds, floors, walls, etc during the day, emerging at night to feed. ** Bugs are not usually found on the body**	Where are they?	Buried in the skin
Diagnosis	No laboratory tests available	Diagnosis	Microscopic identification of mite, eggs, or mite feces recovered from a burrow
Symptoms / Bite pattern	Itchy, red bumps often found in small clusters – termed the “breakfast, lunch and dinner pattern” because each cluster is thought to be from one bug	Symptoms / Bite pattern	Papules, vesicles, or linear burrows containing mites and eggs. Lesions prominent around finger webs, wrists, abdomen, genitals, and buttocks. In infants and children, the head, neck, palms and soles may be affected. Itching is intense especially at night.
Isolation & Exclusion	Not necessary as the bugs are not transmitted from person to person	Isolation & Exclusion	Should be excluded from school or work until 24 hours after treatment
Treatment	Topical corticosteroids or oral antihistamines	Treatment	Must be prescribed by a doctor. Usually topical 5% permethrin, applied to whole body (except head) as directed
Concurrent disinfection	Have infested area treated by a professional exterminator. Vacuum suitcases and launder clothes to avoid introducing bugs into new environment.	Concurrent disinfection	The whole family/household should be treated to avoid spreading it back and forth. Clothes and bedding should be laundered on hot and dried on hot and changed frequently.

Sources:

<http://www.cdc.gov/ncidod/eid/vol11no04/04-1126.htm>

<https://health.google.com/health/ref/Scabies>

<http://images.google.com>

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