

# Etiological Risk Factors for Skin and Soft Tissue Infections and Their Associated Bacterial Causes

Risk Factor	Associated Pathogen
Diabetes mellitus	<i>Staphylococcus aureus</i> , group B streptococci, anaerobes, Gram-negative bacilli
Cirrhosis	<i>Campylobacter fetus</i> , <i>Klebsiella pneumoniae</i> , <i>Escherichia coli</i> , <i>Capnocytophaga canimorsus</i> , other Gram-negative bacilli, <i>Vibrio vulnificus</i>
Neutropenia	<i>Pseudomonas aeruginosa</i>
Human bite wounds	Oral flora ( <i>Eikenella corrodens</i> )
Cat bite wounds	<i>Pasteurella multocida</i>
Dog bite wounds	<i>C canimorsus</i> , <i>P multocida</i>
Rat bite wounds	<i>Streptobacillus moniliformis</i>
Animal contact	<i>Campylobacter</i> species
Reptile contact	<i>Salmonella</i> species
Hot tub exposure, loofah sponge	<i>P aeruginosa</i>
Fresh water exposure	<i>Aeromonas hydrophila</i>
Seawater (fish tank) exposure	<i>V vulnificus</i> , <i>Mycobacterium marinum</i>
Intravenous drug abuse	Methicilin-resistant <i>S aureus</i> , <i>P aeruginosa</i>
Subcutaneous drug abuse	Anaerobes, especially <i>E corrodens</i>