

## Skin and Soft-Tissue Infections

Skin layers	Disease	Epidemiology	Organism	Symptom	treatment
Epidermis	Erysipelas	Children	<i>Group A Streptococcus</i>	- Redness - Tender - Demarcated	Penicillin
	Impetigo	Children 5-6	<i>Staphylococcus aureus</i>	- Bullous	
			<i>Streptococcus</i>	- Non bullous <b>(Honey crust)</b>	
Folliculitis	All ages	<i>Staphylococcus aureus</i>	Rash	MSSA: Cloxacillin	
Dermis			Furunculosis	<b>Boils</b>	MRSA: Vancomycin
			carbunculosis	Abscess larger than a boils	CA – MRSA: Clindamycin
Subcutaneous tissue	Cellulites	All ages	<i>Staphylococcus aureus</i> <i>Streptococcus</i>	- Tenderness - Redness - Not demarcated	Penicillin Cloxacillin Cefazolin
Deep fascia	Necrotizing fasciitis		Polymicrobial (Type I) : <i>Clostridium perfringens</i> <i>Group A Streptococcus</i> Monomicrobial (Type II) : <i>Group A Streptococcus</i>	- <b>Sever pain</b> - Fever - Blister - Gas gangrene - Necrosis - Organ failure	<b>Surgery</b>  + <b>Antibiotics</b>

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