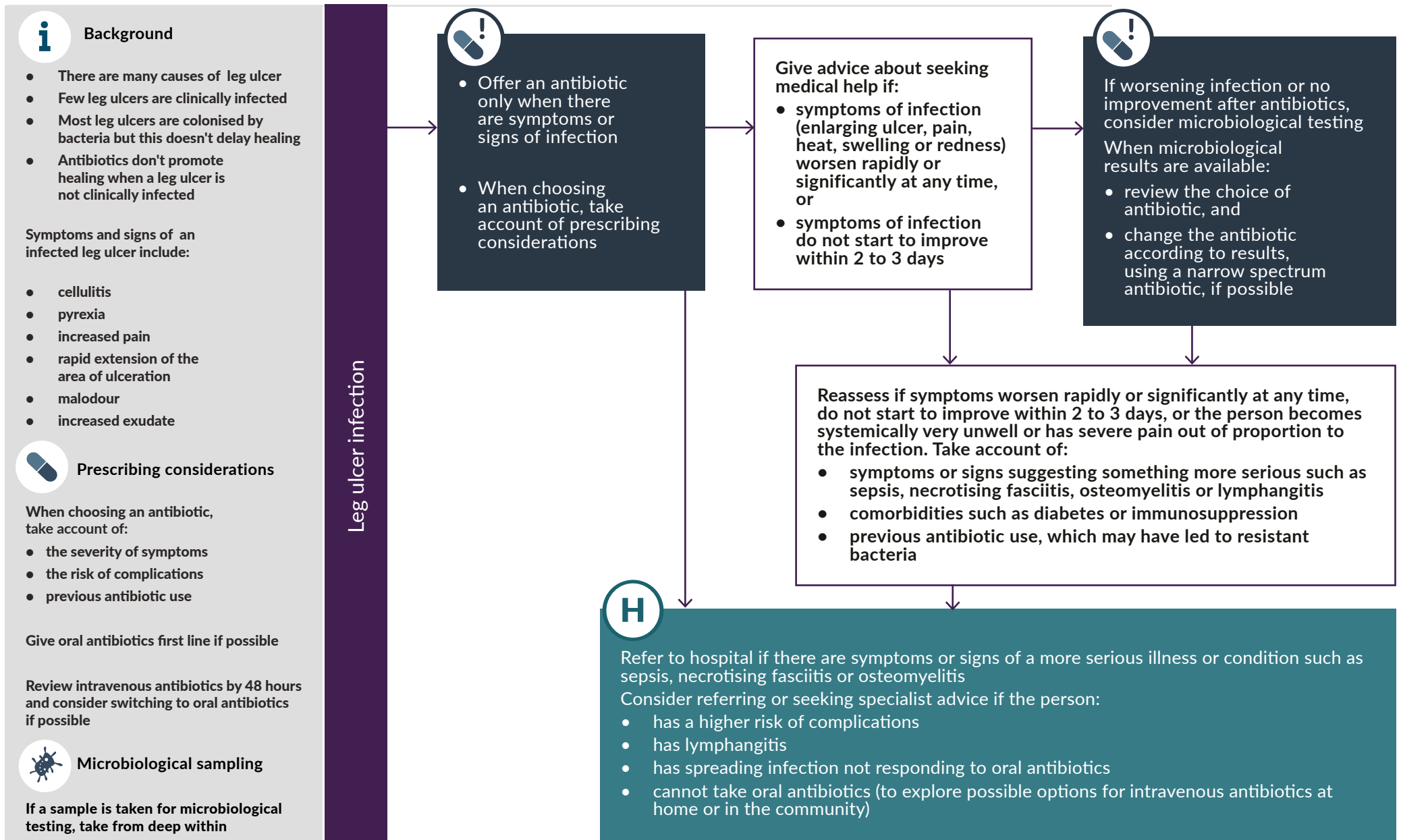


Leg ulcer infection: antimicrobial prescribing



Leg ulcer infection: antimicrobial prescribing

Choice of antibiotic: adults aged 18 years and over

Antibiotic ¹	Dosage and course length ²
First choice oral antibiotic	
Flucloxacillin	500 mg four times a day for 7 days
Alternative first choice oral antibiotics for penicillin allergy or if flucloxacillin unsuitable	
Clarithromycin	500 mg twice a day for 7 days
Erythromycin (in pregnancy)	500 mg four times a day for 7 days
Doxycycline	200 mg on first day, then 100 mg once a day for 6 days (7-day course in total)
Second choice oral antibiotics if symptoms or signs of infection worsening after 48 hours or no improvement after 7 days (guided by microbiological results when available)	
Co-amoxiclav	500/125 mg three times a day for 7 days
Co-trimoxazole (in penicillin allergy)	960 mg twice a day for 7 days
First choice intravenous antibiotics (if unable to take oral antibiotics or severely unwell; guided by microbiological results when available) ^{3,4}	
Flucloxacillin with or without	500 mg to 2 g four times a day
Gentamicin and/or	Initially 5 to 7 mg/kg once a day, subsequent doses adjusted according to serum gentamicin concentration ⁵
Metronidazole	500 mg three times a day
Co-amoxiclav with or without	1.2 g three times a day
Gentamicin	Initially 5 to 7 mg/kg once a day, subsequent doses adjusted according to serum gentamicin concentration ⁵
Co-trimoxazole (in penicillin allergy) with or without	960 mg twice a day (increased to 1.44 g twice a day in severe infection)
Gentamicin and/or	Initially 5 to 7 mg/kg once a day, subsequent doses adjusted according to serum gentamicin concentration ⁵
Metronidazole	500 mg three times a day
Second choice intravenous antibiotics (guided by microbiological results when available or following specialist advice) ^{3,4}	
Piperacillin with tazobactam	4.5 g three times a day (increased to 4.5 g four times a day if severe infection)
Ceftriaxone with or without	2 g once a day
Metronidazole	500 mg three times a day
Intravenous antibiotics to be added if MRSA infection (combination therapy with intravenous antibiotics listed above) ⁴	
Vancomycin	15 to 20 mg/kg two or three times a day (maximum 2 g per dose), adjusted according to serum vancomycin concentration ⁶
Linezolid (if vancomycin cannot be used; specialist advice only)	600 mg twice a day

¹See BNF for appropriate use and dosing in specific populations, for example, hepatic impairment, renal impairment, pregnancy and breast-feeding, and administering intravenous antibiotics.

²Oral doses are for immediate-release medicines.

³Give oral antibiotics first line if the person can take oral medicines and the severity of their symptoms does not require intravenous antibiotics.

⁴Review intravenous antibiotics by 48 hours and consider switching to oral antibiotics if possible.

⁵Therapeutic drug monitoring and assessment of renal function is required (BNF, June 2019).

⁶Therapeutic drug monitoring and assessment of renal function is required. A loading dose can be used (see [BNF](#) for full dosage information).