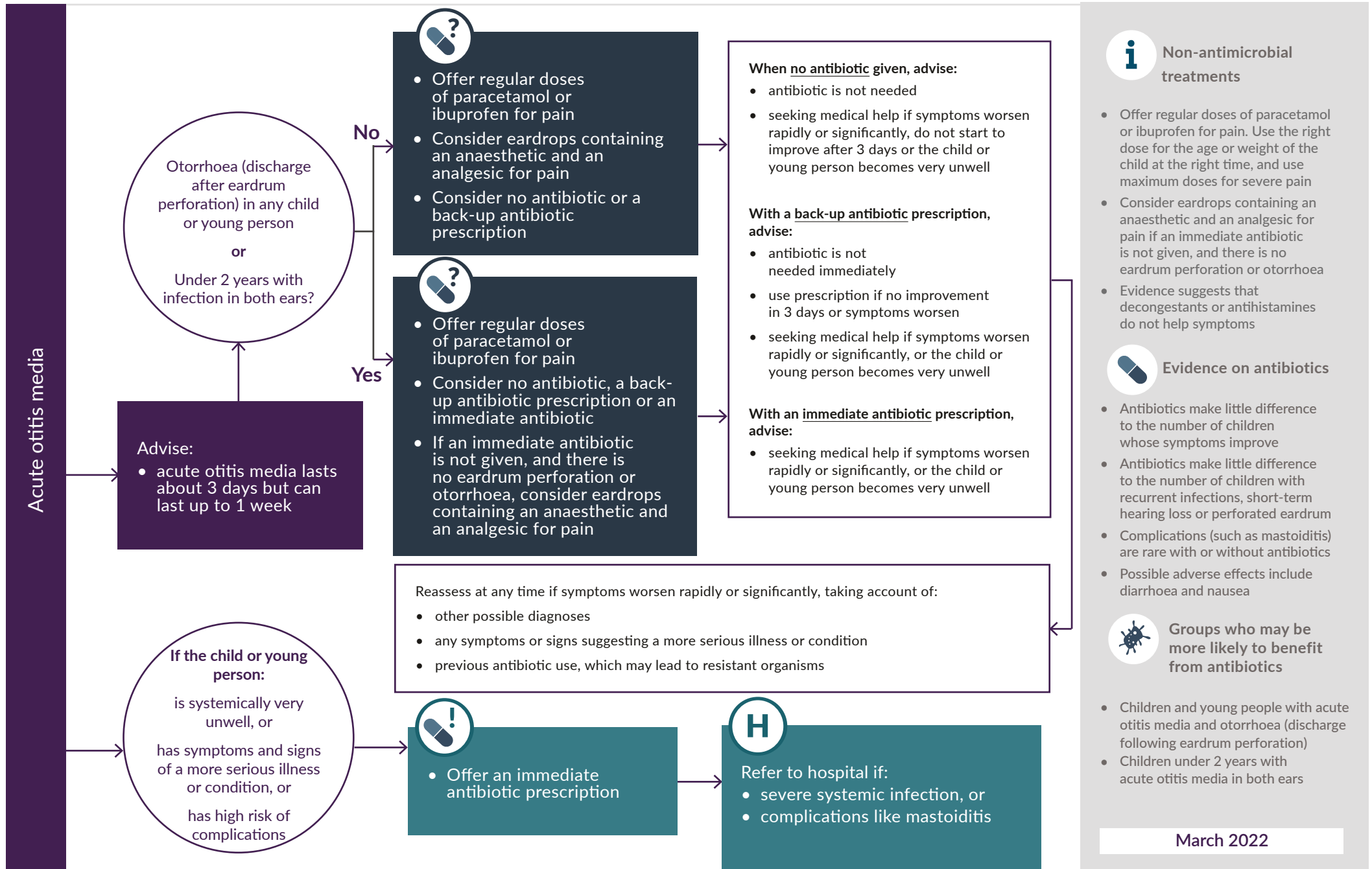


Otitis media (acute): antimicrobial prescribing **NICE** National Institute for Health and Care Excellence



Otitis media (acute): antimicrobial prescribing

Choice of treatment: children and young people under 18 years

Treatment ¹	Dosage and course length ²
Eardrops containing an anaesthetic and an analgesic	
Phenazone 40 mg/g with lidocaine 10 mg/g	Apply 4 drops two or three times a day for up to 7 days Use only if an immediate oral antibiotic prescription is not given, and there is no eardrum perforation or otorrhoea
First choice oral antibiotic	
Amoxicillin	1 to 11 months: 125 mg three times a day for 5 to 7 days 1 to 4 years: 250 mg three times a day for 5 to 7 days 5 to 17 years: 500 mg three times a day for 5 to 7 days
Alternative first choice oral antibiotic for penicillin allergy or intolerance (for people who are not pregnant)	
Clarithromycin	1 month to 11 years: Under 8 kg: 7.5 mg/kg twice a day for 5 to 7 days 8 to 11 kg: 62.5 mg twice a day for 5 to 7 days 12 to 19 kg: 125 mg twice a day for 5 to 7 days 20 to 29 kg: 187.5 mg twice a day for 5 to 7 days 30 to 40 kg: 250 mg twice a day for 5 to 7 days or 12 to 17 years: 250 mg to 500 mg twice a day for 5 to 7 days
Alternative first choice oral antibiotic for penicillin allergy in pregnancy	
Erythromycin	8 to 17 years: 250 mg to 500 mg four times a day or 500 mg to 1,000 mg twice a day for 5 to 7 days Erythromycin is preferred if a macrolide is needed in pregnancy, for example, if there is true penicillin allergy and the benefits of antibiotic treatment outweigh the harms. See the Medicines and Healthcare products Regulatory Agency (MHRA) Public Assessment Report on the safety of macrolide antibiotics in pregnancy
Second choice oral antibiotic (worsening symptoms on first choice taken for at least 2 to 3 days)	
Co-amoxiclav	1 to 11 months: 0.25 ml/kg of 125/31 suspension three times a day for 5 to 7 days 1 to 5 years: 5 ml of 125/31 suspension three times a day or 0.25 ml/kg of 125/31 suspension three times a day for 5 to 7 days 6 to 11 years: 5 ml of 250/62 suspension three times a day or 0.15 ml/kg of 250/62 suspension three times a day for 5 to 7 days 12 to 17 years: 250/125 mg three times a day or 500/125 mg three times a day for 5 to 7 days
Alternative second choice oral antibiotic for penicillin allergy or intolerance	
Consult local microbiologist	
<p>¹ See the BNF for children for appropriate use and dosing in specific populations, for example, hepatic impairment and renal impairment.</p> <p>² The age bands apply to children of average size. In practice, the prescriber will use age bands along with other factors such as the severity of the condition and the child's size in relation to the average size of children of the same age. Doses given are by mouth using immediate-release medicines, unless otherwise stated.</p>	

When exercising their judgement, professionals and practitioners are expected to take this guideline fully into account, alongside the individual needs, preferences and values of their patients or the people using their service. It is not mandatory to apply the recommendations, and the guideline does not override the responsibility to make decisions appropriate to the circumstances of the individual, in consultation with them and their families and carers or guardian.