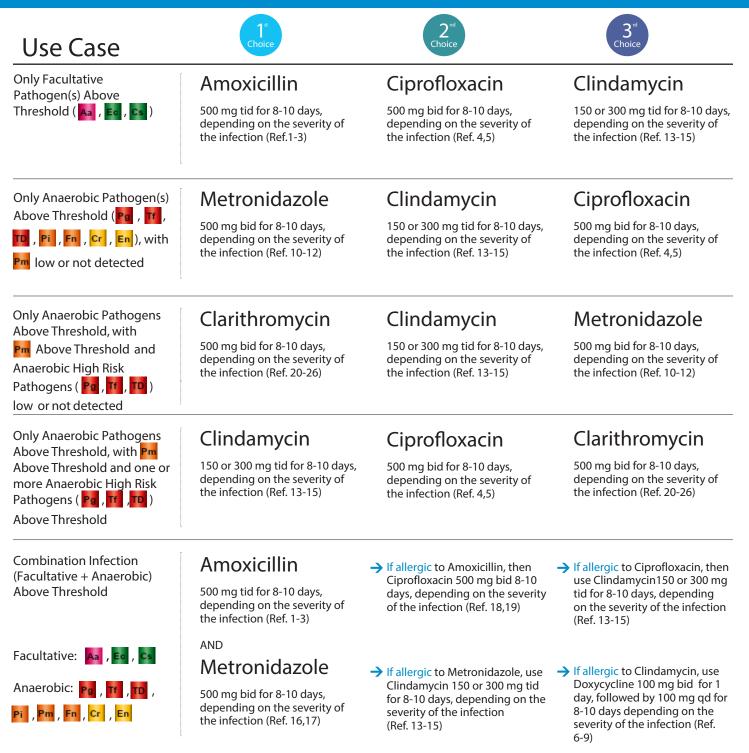
Antibiotic Options on 11-microbes Result Report





Note:

The prescribing doctor is responsible for patient therapy. Consider the patient's dental and medical history (e.g. pregnancy/nursing, diabetes, immune-suppression, other patient medications) when evaluating the use of antibiotic medications. Many antibiotics may impact/interact with other medications and may produce adverse side effects. Review the manufacturer warnings for any contraindications, or consult with the patient's physician if there are concerns with the selected antibiotic regimen.

REFERENCES

Antibiotic:

Penicillins (Amoxicillin):

- 1. Resistance Profile Survey of 50 periodontal strains of Actinobacillus Actinomycetemcomitans; Journal of Periodontology; 70, 888-892
- 2. Systemic Antibiotics in Periodontics; Journal of Periodontology 2004; 75: 1553-1565
- 3. Specific Antibiotics in the Treatment of Periodontitis: A Proposed Strategy: Beikler, Prior, Ehmke, Flemming

Fluoroquinolones (Ciprofloxacin):

- 4. Systemic Antibiotics in Periodontics; Journal of Periodontology 2004; 75: 1553-1565
- 5. Specific Antibiotics in the Treatment of Periodontitis: A Proposed Strategy: Beikler, Prior, Ehmke, Flemming

Doxycycline:

- 6. Systemic Antibiotics in Periodontics; Journal of Periodontology 2004; 75: 1553-1565
- 7. Specific Antibiotics in the Treatment of Periodontitis: A Proposed Strategy: Beikler, Prior, Ehmke, Flemming
- 8. Systemic antibiotics in the treatment of periodontal disease; Periodontology 2000; 28: (1), 106-176
- 9. The effect of Clindamycin on the microbiota associated with refractory periodontitis: Journal of Periodontology, 1990; 61: 692-698

Metronidazole:

- 10. Systemic Antibiotics in Periodontics; Journal of Periodontology 2004; 75: 1553-1565
- 11. Systemic antibiotics in the treatment of periodontal disease; Periodontology 2000; 28: (1), 106-176
- 12. Specific antibiotics in the treatment of periodontal disease; Journal of Periodontology, 2004; Beikler, Prior, Ehmke, Flemming

Clindamycin:

- 13. Systemic Antibiotics in Periodontics; Journal of Periodontology 2004; 75: 1553-1565
- 14. Specific Antibiotics in the Treatment of Periodontitis: A Proposed Strategy: Beikler, Prior, Ehmke, Flemming
- 15. Clindamycin in dentistry: More than just effective prophylaxis for endocarditis? Oral Surg Oral Med Oral Pathol Oral Radiol Endod 2005; 100: 550-8; Brook, Lewis, Sandor, Jefcoat, Samaranayake, Rojas

Metronidazole and Amoxicillin:

- 16. Systemic Antibiotics in Periodontics; Journal of Periodontology 2004; 75: 1553-1565
- 17. Systemic antibiotics in the treatment of periodontal disease; Periodontology 2000; 28: (1), 106-176

Metronidazole and Ciprofloxacin:

- 18. Systemic Antibiotics in Periodontics; Journal of Periodontology 2004; 75: 1553-1565
- 19. Systemic antibiotics in the treatment of periodontal disease; Periodontology 2000; 28: (1), 106-176

Clarithromycin:

- 20. Distribution of Systemic Clarithromycin to Gingiva; J Periodontol 2008;79:1712-1718
- 21. Bacteriostatic and Bacteriocidal in-vitro Activities of Clarithromycin and Erythromycin against Periodontopathic Actinobacillus actinomycetimcomitans. Antimicrob Agents Chemother. 1998;42: 3000-3001
- 22. Susceptibilities of 201 Anaerobes to Erythromycin, Azithromycin, Clarithromycin, and Roxithromycin by Oxyrase Agar Dilution and E test Methodologies; Journal of Clinical Microbiology, May 1995, p. 1366–1367 Vol. 33, No. 5
- 23. Clarithromycin Accumulation by Phagocytes and its Effect on Killing of Aggregatibacter actinomycetimcomitans; J Periodontol 2011; 3:497-504
- 24. Pradeep AR, Katharina R: Clarithromycin, as an adjunct to non surgical periodontal therapy for chronic periodontitis: A double blinded, placebo controlled, randomized clinical trial. Arch of Oral Biol 2011: 56;1112-1119
- 25. Iskandar I, Walters JD: Clarithromycin Accumulation by Phagocytes and Its Effect on Killing of Aggregatibacter actinomycetemcomitans; *J Periodontol* 2011: 82; 497-503
- 26. Rodvold KA, Clinical Pharmacokinetics of Clarithromycin. Clin Pharmacokinet 1999 Nov; 37 (5): 385-398

Definitions:

Anaerobic - living or active in the absence of free oxygen; "anaerobic bacteria" (Pg, Tf, Td, Pi, Pm, Fn, Cr, En)

Facultative bacteria can use either dissolved oxygen or oxygen obtained from food materials such as sulfate or nitrate ions. In other words, facultative bacteria can live under aerobic, anoxic, or anaerobic conditions. (Aa, Ec, Cs)