

MyPerioPath® Antibiotic Options

STEP 1: Determine closest bacterial profile that matches the MyPerioPath® results

STEP 2: Locate 1st, 2nd or 3rd choice antibiotic selection - based on patient's antibiotic allergy/intolerance

Bacterial Profile	1st Choice	2nd Choice	3rd Choice
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Only **Facultative Pathogens**

high: **Aa** **Ec** **Cs**

Amoxicillin

500 mg tid for 8-10 days, depending on the severity of the infection (Ref.1-3)

Ciprofloxacin

500 mg bid for 8-10 days, depending on the severity of the infection (Ref. 4,5)

Clindamycin

150 or 300 mg tid for 8-10 days, depending on the severity of the infection (Ref. 13-15)

Only **Anaerobic Pathogens**

high: with **Pm** low or not detected.

Metronidazole

500 mg bid for 8-10 days, depending on the severity of the infection (Ref. 10-12)

Clindamycin

150 or 300 mg tid for 8-10 days, depending on the severity of the infection (Ref. 13-15)

Ciprofloxacin

500 mg bid for 8-10 days, depending on the severity of the infection (Ref. 4,5)

Only **Anaerobic Pathogens**

present: with **Pm** high, and **Pg** **Tf** **Td** low or not detected.

Clarithromycin

500 mg bid for 8-10 days, depending on the severity of the infection (Ref. 20-26)

Clindamycin

150 or 300 mg tid for 8-10 days, depending on the severity of the infection (Ref. 13-15)

Metronidazole

500 mg bid for 8-10 days, depending on the severity of the infection (Ref. 10-12)

Only **Anaerobic Pathogens**

present: with **Pm** + one or more of **Pg** **Tf** **Td** high.

Clindamycin

150 or 300 mg tid for 8-10 days, depending on the severity of the infection (Ref. 13-15)

Ciprofloxacin

500 mg bid for 8-10 days, depending on the severity of the infection (Ref. 4,5)

Clarithromycin

500 mg bid for 8-10 days, depending on the severity of the infection (Ref. 20-26)

Combination Infection:

Anaerobic Pathogens + **Facultative Pathogens** high:

Facultative: **Aa** **Ec** **Cs**

Anaerobic: **Pg** **Tf** **Td**

En **Fn** **Pi** **Cr** **Pm**

Amoxicillin

500 mg tid for 8-10 days, depending on the severity of the infection (Ref. 1-3)

AND

Metronidazole

500 mg bid for 8-10 days, depending on the severity of the infection (Ref. 16,17)

→ If allergic to Amoxicillin, then Ciprofloxacin 500 mg bid 8-10 days, depending on the severity of the infection (Ref. 18,19)

→ If allergic to Ciprofloxacin, then use Clindamycin 150 or 300 mg tid for 8-10 days, depending on the severity of the infection (Ref. 13-15)

→ If allergic to Metronidazole, use Clindamycin 150 or 300 mg tid for 8-10 days, depending on the severity of the infection (Ref. 13-15)

→ If allergic to Clindamycin, use Doxycycline 100 mg bid for 1 day, followed by 100 mg qd for 8-10 days depending on the severity of the infection (Ref. 6-9)

REFERENCES

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Fluoroquinolones (Ciprofloxacin):

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Doxycycline:

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Metronidazole:

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Clindamycin:

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Clarithromycin:

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Definitions:

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

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)

High Levels of Bacteria Present = Pathogen levels above reference lines or at a level deemed by a healthcare professional to be significant to address with a systemic antibiotic. The use of systemic antibiotics should be administered responsibly.