

Example 4.1 Palomar Health AntibioGram

CUMULATIVE ANTIMICROBIAL SUSCEPTIBILITY REPORT PALOMAR HEALTH
JANUARY 1 – DECEMBER 31, 2015

Table: PREVALENCE OF RESISTANT BACTERIA. Columns: PALOMAR, POMERADO, VILLA POMERADO, PPH OUTPATIENTS. Rows: MRSA, VRE, ESBL, CRE.

Table: PERCENT SUSCEPTIBLE. Columns: Penicillin, Levofloxacin, Cefazolin, Erythromycin, Nitrofurantoin. Rows: Susceptible, Resistant.

Table: PALOMAR MEDICAL CENTERS INPATIENTS. Columns: Organism, # of Isolates, Penicillin, Levofloxacin, Cefazolin, Erythromycin, Nitrofurantoin, Metronidazole, Sulfamethoxazole.

Table: POMERADO HOSPITAL INPATIENTS. Columns: Organism, # of Isolates, Penicillin, Levofloxacin, Cefazolin, Erythromycin, Nitrofurantoin, Metronidazole, Sulfamethoxazole.

Table: VILLA POMERADO. Columns: Organism, # of Isolates, Penicillin, Levofloxacin, Cefazolin, Erythromycin, Nitrofurantoin, Metronidazole, Sulfamethoxazole.

Table: PALOMAR HEALTH OUTPATIENTS. Columns: Organism, # of Isolates, Penicillin, Levofloxacin, Cefazolin, Erythromycin, Nitrofurantoin, Metronidazole, Sulfamethoxazole.

Vertical text on the right side of the tables providing additional context and footnotes.



2016 ANTIBIOGRAM
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Table: PARENTERAL ANTIBIOTICS. Columns: ANTIMICROBIAL (IV) AGENT, Generic (Brand), COMMONLY USED ADULT DOSE, COST/ DAY. Rows: Penicillins, Cephalosporins, Aminoglycosides, Macrolides, Other Antibiotics, Intra-abdominal.

Table: PREFERRED ANTIMICROBIAL LIST FOR SELECTED DISEASE STATES. Columns: COMMUNITY ACQUIRED INFECTIONS, HEALTH CARE ACQUIRED INFECTIONS. Rows: Pneumonia, Urinary Tract, Soft Tissue, Intra-abdominal.

Table: ORAL ANTIBIOTICS - Pertains only to Inpatients. Columns: ANTIMICROBIAL (PO) AGENT, Generic (Brand), COMMONLY USED ADULT DOSE, COST/ DAY. Rows: Penicillins, Cephalosporin, Tetracyclines, Macrolides, Other Antibiotics, Antifungals, Antivirals, Limited use antibiotics.

General Principles of Antibiotic Prescribing:
The following are considerations that can minimize unnecessary antibiotic use and the development of resistance.
1. All antibiotic orders should be re-evaluated 48 to 72 hours after initiation, when test results and cultures are available:
• Can therapy be changed to a narrower spectrum antibiotic or a single antibiotic? (exceptions may be Pseudomonas or MDROs)
• If it has been established that multi-drug resistant organism are not present consider stopping Vancomycin and Carbapenems.
• Is this an appropriate patient for oral therapy?
• Patient is improving (WBC count, temperature curve, mentation)
• Hemodynamically stable
• Eating greater than 50% of meals
• No vomiting and/or diarrhea
• Is information sufficient to determine stop date of antibiotics
2. Most asymptomatic bacteriuria does not require treatment. Common exceptions would be pregnancy, and in preparation for urologic procedures. There is no evidence that antibiotic treatment is indicated in other asymptomatic adult patients with bacteriuria.
3. Most otherwise healthy patients with ACUTE bronchitis (non-chronic) do not require antibiotics: The etiology of acute bronchitis is almost always viral. Symptoms of acute bronchitis may last for two weeks. Antibiotic treatment may be useful if symptoms persist for two weeks or if patient clinical condition worsens. The use of inhaled bronchodilators, antussives, and episodic inhaled steroids may be more useful than antibiotics.

For more information about this example contact Laura Elliott, PharmD BCGP at Laura.Elliott@palomarhealth.org