GRAM POSITIVE RODS

Date: Wednesday, September 5, 2018 – 9:30 am


EDUCATIONAL GOALS AND OBJECTIVES:

GOAL

At the completion of this lecture and reading assignment, the student will understand the diverse mechanisms of pathogenicity expressed by the Gram positive rods and aerobic Actinomycetes

OBJECTIVES

To achieve the goals, the student will be able to:

1. Describe the key identifying characteristics of Bacillus anthracis, Listeria monocytogenes, Erysipelothrix rhusiopathiae, Corynebacterium diphtheriae, Arcanobacterium hemolyticum and Nocardia species.
2. Describe the epidemiology, and clinical presentation of infections caused by: Bacillus anthracis, Listeria monocytogenes, Erysipelothrix rhusiopathiae, Corynebacterium diphtheriae, Arcanobacterium hemolyticum and Nocardia species.
3. Describe the three forms of disease caused by Bacillus anthracis.
4. List three patient populations that are at risk for listeriosis.
5. Name an aerobic Gram-positive rod that can cause food poisoning.
6. List the diseases associated with Nocardia.