

7. Oral microbiology

Lec.	Subject	hours
1.	Introduction, bacteria compared with other microbes	2
2.	Microbial Taxonomy and Scientific naming	2
3.	Structure of bacterial cells	2
4.	Bacterial Growth	2
5.	Bacterial genetics	2
6.	Normal flora, In general and in Oral system	2
7.	Host defenses	2
8.	Innate immune defense mechanisms Adaptive immune mechanisms Inflammation	2
9.	Complement system	2
10.	Antibodies and their structure	2
11.	Antimicrobial Drugs: Mechanism of action	2
12.	Antimicrobial Drugs: Resistance	2
13.	Sterilization and Disinfection	2
14.	Stages of gingivitis : from immunological view point	2
15.	Microbiology of plaque and carries and plaqueBiofilms	2
16.	Gram-positive cocci : Staphylococci	2
17.	Gram-positive cocci : Streptococci and oral Streptococci	2
18.	Gram-negative cocci	2
19.	Non-spore-forming Gram positive Bacteria Corynebacterium & Listeria	2
20.	Gram-negative rods	2
21.	Gram-negative rods	2
22.	Gram-negative rods	2
23.	Gram-negative rods	2
24.	Haemophilus influenzae & Actinobacillus actinomycetemcomitans	2
25.	Oral Anaerobic Bacteria ,Actinomycetes, Lactobacillus	2
26.	Oral minor bacterial pathogens	2
27.	DNA enveloped viruses	2
28.	DNA Nonenveloped viruses	2
29.	RNA Nonenveloped viruses	2
30.	RNA enveloped viruses, HIV	2