



Department of Pharmacology and Therapeutics

Dow Dental College (DDC),

Dow University of Health Sciences (DUHS), Karachi.

2ND YEAR, BDS, Batch VI, 2019 TERM 1

UPDATED WEEK-WISE PHARMACOLOGY SCHEDULE

Week	LECTURE MONDAY	PRACTICAL MONDAY Group A&B	PRACTICAL WEDNESDAY Group B	PRACTICAL THURSDAY Group A	LECTURE THURSDAY
1	introduction to pharmacology	introduction: terminology (i)	introduction: terminology(ii)	introduction: terminology(ii)	routes of administration
2	pharmacokinetics absorption & distribution	pharmaceutical preparations	weights, measures & abbreviations	weights, measures & abbreviations	pharmacokinetics drug metabolism
3	pharmacokinetics drug excretion	calculation of solutions etc	dosage calculations (i)	dosage calculations (i)	pharmacokinetics doses, factors modifying dose, dosage reg
4	pharmacodynamics receptors: types, actions. signalling mechanisms mechanism of action	dosage calculations (ii)	prescription writing	prescription writing	pharmacodynamics drug response & modifying factors
5	pharmacodynamics adverse drug reactions & drug-drug interaction	tutorial/presentation by students 1 routes of administration	tutorial/presentation by students 2 pharmacokinetics absorption & distribution	tutorial/presentation by students 2 pharmacokinetics absorption & distribution	ans : introduction
6	parasympathomimetics	tutorial/presentation by students 3 pharmacokinetics drug metabolism	tutorial/presentation by students 4 pharmacokinetics drug excretion	tutorial/presentation by students 4 pharmacokinetics drug excretion	parasympatholytics
7	sympathomimetics	tutorial/presentation by students 5 pharmacokinetics doses, factors modifying dose, dosage regimen	tutorial/presentation by students 6 pharmacodynamics receptors: types, actions. signalling mechanisms mechanism of action	tutorial/presentation by students 6 pharmacodynamics receptors: types, actions. signalling mechanisms mechanism of action	sympatholytics
8	nsaids: classification, aspirin	tutorial/presentation by students 7 pharmacodynamics drug response & modifying factors	tutorial/presentation by students 8 pharmacodynamics adverse drug reactions & drug- drug interaction	tutorial/presentation by students 8 pharmacodynamics adverse drug reactions & drug- drug interaction	nsaids: others
9	acetaminophen	tutorial/presentation by students 9 parasympathomimetics & parasympatholytics	tutorial/presentation by students 10 sympathomimetics & sympatholytics	tutorial/presentation by students 10 sympathomimetics & sympatholytics	pain management (narcotics)
10	treatment of arthritis [oa, ra, gout]	tutorial/presentation by students 11 nsaids: classification, aspirin nsaids: others	tutorial/presentation by students 12 acetaminophen	tutorial/presentation by students 12 acetaminophen	anti-microbials : introduction
11	cell wall synthesis	tutorial/presentation by	tutorial/presentation by	tutorial/presentation	cell wall synthesis inhibitors cephalospor

	inhibitors penicillins	students 13 pain management (narcotics)	students 14 treatment of arthritis [oa, ra, gout]	by students 14 treatment of arthritis [oa, ra, gout]	
12	protein synthesis inhibitor macrolides	tutorial/presentation by students 15 cell wall synthesis inhibitors penicillins &cephalosporins etc	tutorial/presentation by students 16 protein synthesis inhibitor macrolides	tutorial/presentation by students 16 protein synthesis inhibitor macrolides	tetracyclines & chloramphenicol
13	aminoglycosides	tutorial/presentation by students 17 by students 20 tetracyclines & chloramphenicol	tutorial/presentation by students 18 aminoglycosides	tutorial/presentation by students 18 aminoglycosides	anti-folates: sulfonamides, trimethoprim
14	quinolones	tutorial/presentation by students 19 anti-folates: sulfonamides, trimethoprim	tutorial/presentation by students 20 quinolones	tutorial/presentation by students 20 quinolones	anti-fungals : anthelminths
15	anti-viral agents	tutorial/presentation by students 21 anti-fungals : anthelminths	tutorial/presentation by students 22 anti-viral agents	tutorial/presentation by students 22 anti-viral agents	anti-protozoals
16	mouthwashes & oral anti-septics	tutorial/presentation by students 23 revision of practicals	tutorial/presentation by students 24 anti-protozoals mouthwashes & oral anti-septics	tutorial/presentation by students 24 anti-protozoals mouthwashes & oral anti-septics	anti-mycobacterial drugs

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