



Introduction to the course

VPH 604

ZOONOSES AND PUBLIC HEALTH (2+1)

Course instructor:

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M.V.Sc.

VPH 604: ZONOSEs AND PUBLIC HEALTH (2+1)

Lecture no.

THEORY

1. Concept and classification of zoonoses
 2. Comprehensive description of etiology, host range, epidemiology, diagnosis and management of zoonotic diseases.
- Bacterial Zoonotic diseases**
3. Anthrax
 4. Brucellosis
 5. Tuberculosis
 6. Salmonellosis
 7. Yersiniosis
 8. Leptospirosis
 9. Listeriosis
 10. Plague, Tularaemia
 11. Glanders, Malidiosis
 12. Tetanus, Botulism
 13. Staphylococcosis, Streptococcosis
 14. Clostridium perfringens, E. Coli, Aeromonas hydrophilla, Bacillus cereus, Vibrio parahaemolyticus
 15. Cat scratch disease, chlamydiosis



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	Viral & Rickettsial Zoonotic diseases
16.	Lyme Disease, Borreliosis (relapsing fever).
17.	Rota, Tickborne Encephalitis, FMD, Hepatitis A & E, Norwalk, Entero, Parvo, Adeno, Cytomegalo, Astro, Calci And Corona Viruses
18.	Influenza
19.	Rabies
20.	Japanese encephalitis
21.	Kyasanur forest disease
22.	Chickengunya, Crimean-Congo Haemorrhagic Fever
23.	Dengue fever, West-Nile viruses, Yellow fever
24.	Rift-valley fever, Equine Encephalitis, Louping ill
25.	Newcastle and pox viruses
26.	Q fever and other rickettsiosis, fungal infections viz.



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	Fungal Zoonotic diseases
27.	Dermatophytosis, Blastomycosis, Coccidioidomycosis, Cryptococcosis, Histoplasmosis, Aspergillosis
28.	Candidiasis, Rhinosporidiosis and Sporotrichosis
29.	Echinococcosis
30.	Taeniasis and Cysticercosis
31.	Toxoplasmosis, Trichinellosis, Cryptosporidiosis
32.	Dracunculosis, Fasciolopsiosis, Sarcocystosis, Liver fluke diseases, Cutaneous and Visceral larva migrans, Schistosomiasis, Leishmaniasis, Trypanosomosis.



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Lecture no.

THEORY

Parasitic Zoonotic diseases

29.

Echinococcosis

30.

Taeniasis and Cysticercosis

31.

Toxoplasmosis, Trichinellosis, Cryptosporidiosis

32.

Dracunculosis, Fasciolopsiosis, Sarcocystosis, Liver fluke diseases, Cutaneous and Visceral larva migrans, Schistosomiasis, Leishmaniasis, Trypanosomosis.



Reference books/sources



1. Text book of Elements of Veterinary Public Health

By A.T. Sherikar, V.N. Bachhil and D.C. Thapliyal, ICAR, New Delhi

2. Zoonoses and communicable diseases common to man and animals, PAHO, Third edition (In three part)

By: Pan American Health Organization (PAHO)

3. Zoonosis: Infectious Diseases Transmissible from Animals to Humans

By: [H. Krauss](#) , [A. Weber](#), [M. Appel](#) , [B. Enders](#) [A. V. Graevenitz](#) et al : Amer Society for Microbiology; 3rd Edition (January 1, 2003)

Websites:

<https://www.cdc.gov/>

<https://www.who.int/>

<https://ncdc.gov.in/>

oie.int