



SNS COLLEGE OF TECHNOLOGY



(An Autonomous Institution)

COIMBATORE-35

Accredited by NBA-AICTE and Accredited by NAAC – UGC with A++ Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

UNIT IV: HUMAN DISEASES

TOPIC: **Definition-causes**





TOPIC OUTLINE







Introduction- health



- The condition of being sound in body, mind or spirit, especially freedom from physical disease or pain- Health
- Ancient days- considered as a state of body & mind with balance of 'humors'- asserted by Greeks & Indian Ayurveda system
- It was believed- person with 'blackbile' belong to hot personality & would have fever
- Humors- four distinct bodily fluids; excess or deficiency of bodily fluids in individual person directly influences temperament & health
- Four humors- Black bile, yellow bile, phlegm & blood
- Later discovery of Blood circulation by William Harvey & demonstration of normal body temperature in person with blackbile- disproved 'good humor' hypothesis



Factors to achieve good health





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HEART DISEASE AWARENESS





Characteristics of Good Health

- Important characteristics of person having good health:
 - i. Free from sickness and diseases
 - ii. Free from unnecessary anxiety
 - iii. Free from social and psychological tensions
 - iv. Self confidence
 - v. Feeling joy in living
 - vi. Ability to work efficiently and at its best





Disease & its types

- Any condition which interferes with normal functioning of the body and impairs the health- Disease

Types of Diseases:

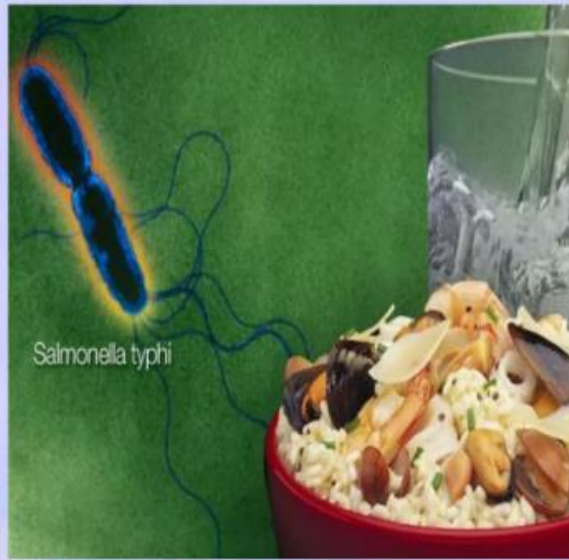
- I. Congenital Disease- inborn disease & genetically inherited
- II. Acquired Disease- after birth & non- inheritable

Congenital Disease:

1. Disease due to gene mutation. Eg.- Haemophilia, Color blindness
2. Disease due to chromosomal mutation Eg.- Down's syndrome, Klinefelter's syndrome

Acquired Disease:

1. Communicable or infectious diseases- air, water, food, physical contact or vectors (Bacteria, Virus, Protozoa, Helminth, Fungus etc.)
2. Non- communicable or non- infectious diseases- Deficiency disease (Diabetes), Degenerative (Arthritis), Cancerous & Allergic diseases (Asthma)

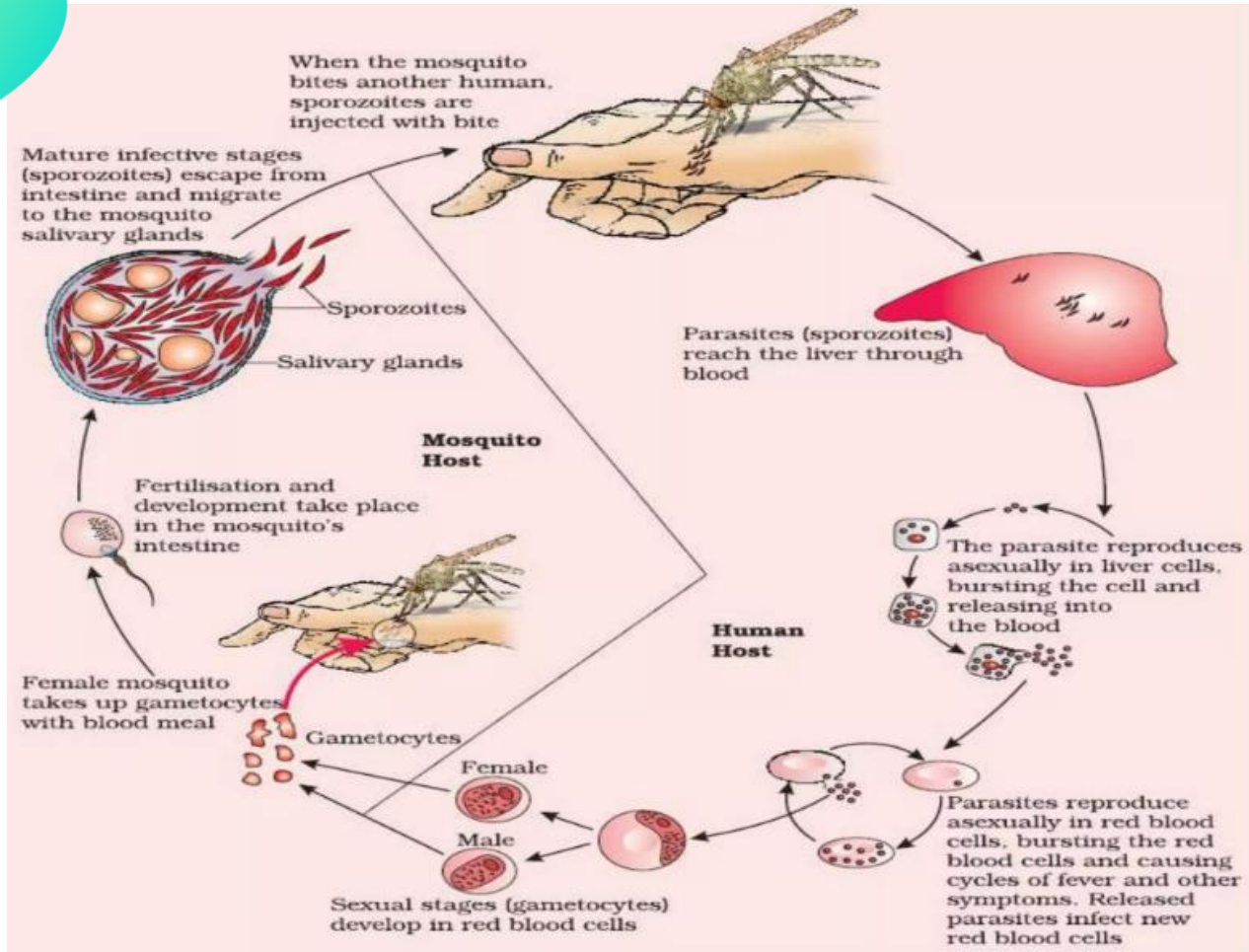


Mode of transmission



Common Symptoms







RECAP....



...THANK YOU