

# OCCUPATIONAL HEALTH HAZARDS

**Dr. Wissam Jabbar Qassim**  
**Community Health**  
**Nursing**

# OCCUPATIONAL HEALTH HAZARDS

## TYPES OF OCCUPATIONAL HEALTH HAZARDS

- A. **Physical**
- B. **Chemical**
- C. **Biological**
- D. **Mechanical**
- E. **Psychosocial**

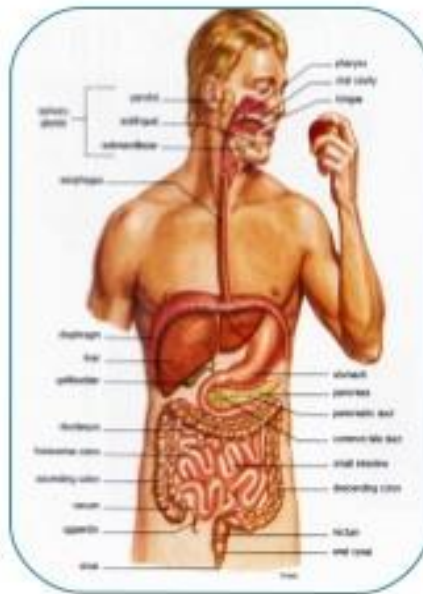
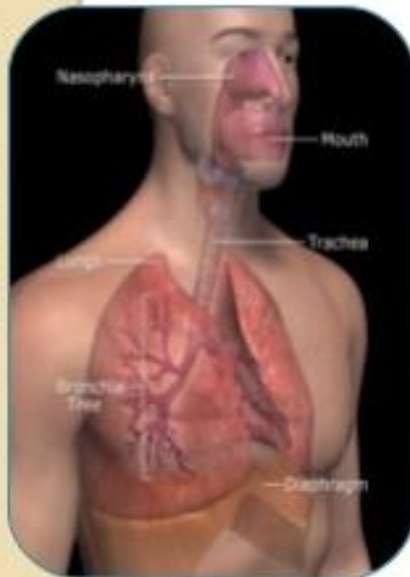
## A) Disease due to Physical agents

Heat	Prickly heat, syncope, heat hyper pyrexia, heat exhaustion
Cold	Hypo-thermia, frostbite, Trench foot
Light	Occupational cataract
Noise	Deafness
Radiation	Cancer, Leukaemia
Vibration	Sensitive to spasm

# Chemical Hazards

## Routes of entry into the body

### Inhalation



### Ingestion

### Skin Contact



# Biological Hazards

- Workers exposed to infective and parasitic agents at the place of work.
- Mainly prevalent in developing countries resulting in higher risk for the workers.

- People exposed to the occupation like:-
  - In health care setting workers are in high risk of Hepatitis, Tuberculosis, HIV, encephalitis, etc.
  - Agricultural workers , people working on animal husbandry animal products are in risk of zoonotic disease, worm infestation, tetanus, etc.



# BIOLOGICAL HAZARDS.

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\*Exposure & effect of parasitic agents,---  
brucellosis, leptospirosis, anthrax, hydatidosis,  
psittacosis, tetanus, encephalitis, fungal  
infections, schistosomiasis.

## MECHANICAL HAZARDS.

10% of accidents in industries are due to  
mechanical hazards.

# Psychosocial Hazards

- Rise when worker fails to adopt to an alien psychosocial environment which leads to psychological factors such as:-
  - Frustration
  - Lack of job satisfaction
  - Poor human relationship
  - Emotional tensions etc



# **HAZARD AND RISK**

- **HAZARD**

- any source of potential damage, harm or adverse health effects on something or someone under certain conditions at work.

- **RISK**

- the chance or probability that a person will be harmed or experience an adverse health effect if exposed to a hazard.

# Occupational Health



ePainAssist.com

[ePainAssist.com](http://ePainAssist.com)

# Work Safe



# Be Safe

# Hazard warnings



Toxic

Harmful/  
Irritant

Corrosive



Explosive

Oxidizing

Highly flammable

