**Cancer epidemiology**

Cancer epidemiology is the branch of epidemiology concerned with the disease cancer. Therefore, Cancer Epidemiology is the study of the frequency, distribution and determinants of cancer in specified populations, and the application of this study to control of cancer.

**Facts from GLOBOCAN 2022:**

Globally, about 20 million cancer cases and 9.7 million cancer deaths were estimated to have occurred in 2022.

1 in 9 men and 1 in 12 women are expected to die from cancer.

Cancer represents the second-leading cause of death and disability in the world, following only heart disease.

**Cancer in Iraq**  **according to Iraqi cancer registry report 2022**

Number of new cancer cases registered in 2022 was 39068 with age-standardized rate (ASR) of 158.9/ 100000, of which 41.7% were in men and 58.3% in women.

About 4.9% of total cases were reported in children under 15 years.

The five common cancers are those of breast, colorectal, bronchus & lung, thyroid and brain & CNS.

In males, the five leading cancers are those of bronchus & lung, colorectal, prostate, urinary bladder, and brain & CNS.

In females, are those of breast, thyroid gland, colorectal, brain & CNS and ovary.

Overall, breast cancer is the top incident cancer by 21.2% of all cancers.

**Cancer in Basrah**  **in 2022**

New cases 3199. 43.0% among males and 57% among female.

Incidence rate 99.3/100000.

Top incident cancers were those of breast, colorectal, Leukaemia, bronchus & lung and brain & CNS formed 43.7% of new cases.

Lung cancer was the most common among males 132 cases and breast cancer was the most common among female 662 cases.