

Liver Cancer

Liver cancer, primarily hepatocellular carcinoma, originates within the liver cells. This organ, located under the diaphragm and above the stomach, hosts various types of cancer, among which intrahepatic cholangiocarcinoma and hepatoblastoma are less common.



Liver cancer is the **6th most common cancer** worldwide.

Common Symptoms and Signs

In the early stages of primary liver cancer, most individuals don't exhibit any signs or symptoms. However, when they do become apparent, they might include:



Unintentional weight loss



Feeling nauseous or frequent vomiting



Swelling in the abdomen



Yellowing of your skin and eye whites,



Overall lethargy and fatigue



Diminished hunger



Pain in the upper abdomen



Pale or light-colored stools

Risk Factors

Elements that heighten the risk of developing primary liver cancer encompass:



Cirrhosis



Obesity



Diabetes



Chronic infection with HBV or HCV



Nonalcoholic fatty liver disease



Excessive alcohol consumption



Exposure to aflatoxins



Certain inherited liver diseases



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How Common Is Liver Cancer?

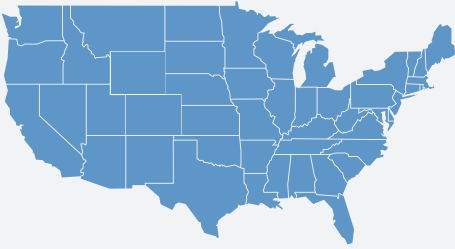
Liver cancer has a higher prevalence in regions like sub-Saharan Africa and Southeast Asia compared to the US, even ranking as the most common cancer type in many of these countries.

Each year *(Global)*

More than

800,000 people diagnosed.

700,000 die of the disease.



in USA

In 2023,



Estimated new cases, **2023**
Liver and intrahepatic
bile duct, by sex



Estimated deaths, **2023**
Liver and intrahepatic
bile duct, by sex



41,210

MALE: 27,980 FEMALE: 13,280

29,380

MALE: 19,000 FEMALE: 10,380

Treatment



SURGICAL INTERVENTION

- Tumor excision
- Liver transplantation



LOCAL THERAPIES

- Hyperthermia treatment for cancer cells
- Cryotherapy for cancer cells
- Alcohol-based tumor ablation
- Intrahepatic chemotherapy
- Radioactive bead implantation in the liver



RADIATION THERAPY



PRECISION MEDICATION



IMMUNOTHERAPY



CHEMOTHERAPY



PALLIATIVE (SUPPORTIVE) CARE



PARTICIPATION IN CLINICAL TRIALS



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