



## Liver Cancer

### Symptoms of Liver Cancer

- Abdominal pain or discomfort
- Weight loss
- Fatigue
- Jaundice
- Abdominal swelling or ascites
- Nausea and vomiting Itchy skin (pruritus)
- Dark urine or pale stools
- Enlarged liver or palpable mass
- Easy bruising or bleeding
- Confusion or altered mental state (hepatic encephalopathy)

### Diagnosis and Investigation of Liver Cancer

- History of patient
- Physical examination of patient
- Laboratory Tests: CBC, LFT, AFP, Hepatitis B & C serology

### Radiological Images

- Ultrasound
- Contrast-enhanced CT scan
- MRI (Magnetic Resonance Imaging)
- CT or MRI of the chest
- Endoscopic retrograde cholangiopancreatography (ERCP)
- Liver biopsy
- Histopathology
- Staging of Liver Cancer

## Management of Liver Cancer

### Surgical Treatment:

- Liver Resection
- Liver Transplantation
- Non-Surgical Treatment
- Ablation therapies
- Radiofrequency ablation (RFA)
- Microwave ablation (MWA)
- Percutaneous ethanol injection (PEI)
- Transarterial chemoembolization (TACE)
- Transarterial radioembolization (TARE)
- Selective internal radiation therapy (SIRT)

### Systemic Treatment:

- Chemotherapy
- Targeted Therapy
- Immunotherapy

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