

LIVER

LIVER TUMOR: abnormal mass in liver (benign or malignant)

- common liver malignancy (metastatic lesion from breast, lung or GI tract)
 - rarely begins in liver, frequent site of metastasis
 - **CIRRHOSIS** is predisposing factor

• **S/S:**

- jaundice
- RUQ pain (dull)
- liver enlargement
- ascites
- n/v, anorexia, weight loss

} bc early s/s are vague, the condition's not often diagnosed until advanced
→ as disease progressed s/s are typically same as cirrhosis

• **+X:**

- hepatic lobectomy
- cryosurgery
- cryoablation
- chemo directly into hepatic artery
- peritoneum drugs

End-stage liver disease: from injury (acute hepatitis, drug toxicity, obstruction of the hepatic vein) or chronic disease
→ **fulminant liver failure:** liver failure associated w/ **injury**

→ **liver transplantation:** only cure for end-stage liver disease

→ for cancer confined to liver

• pt often has T-tube, wound drainage device, nasogastric tube, + central line for TPN

• **S/S of rejection:** life-long therapy

- fever
- anorexia
- depression
- abd pain
- muscle ache
- joint pain

GALLBLADDER

cholelithiasis: stones in gallbladder

choledocholithiasis: stones located in common bile duct

cholecystitis: inflammation or infection of gall bladder caused by formation of stones; chronic or acute

• **pathophys:** incidence ↑ w/ age

- women
- middle age
- multiple pregnancy
- diabetes
- obesity

↳ gall stones impair passage of bile

• **+X:**

- NG tube
- antibiotics
- parenteral fluids
- anticholinergic
- **low-fat** diet
- lithotripsy
- cholecystectomy
- sphincterotomy

• **complications:**

- pancreatitis
- abscesses
- cholangitis
- rupture of gallbladder

• **S/S:**

- discomfort: result from inflammation + contractile spasms; digestion problems from ↓ or **absent** bile; swelling; necrotic gall
- from mild indigestion → severe pain, fever, jaundice
- nausea, fever, chills, **RUQ** pain that radiates to shoulder
- if bile flow obstructed, bile production ↓, bilirubin ↑ → jaundice
- excess bilirubin excreted in urine → **dark amber** color
- digestion of fats is impaired, causing intolerance of fatty foods
 - ↳ **steatorrhea** (excess fat in poop)