

Cirrhosis + Dyspnea

Common

- Ascites
Mechanical effect
- Hepatic Hydrothorax

Vascular

Portopulmonary HTN

HCC + VTE

Hepatopulmonary Syndrome

↓ Immune

PNA

Anemia

Acute Blood Loss

Splur Cell Hemolysis

Liver ⊕ Syndrome

Lung ⊕
α1 antitrypsin
Cystic fibrosis
Telomerase

Cardiac ⊕
EtOH
Hemochromatosis
Cardiac Cirrhosis