At Rush, our clinicians are skilled in the treatment of both primary and metastatic liver cancer. We provide patients with a comprehensive approach to care with a strong collaboration between our surgical, interventional radiology and oncology teams. Rush has the ability to provide both surgical and non-surgical treatment options, such as ablation, chemotherapy and radiation therapy, as well as access to the latest clinical trials. Other treatment options, such as transplantation, are also available.

A hallmark of our approach is our willingness and expertise in treating patients with advanced metastatic liver disease. Instead of offering these patients just care options, we often present them with a curative paradigm, largely due to our success in resecting extensive liver metastases with regenerative liver surgery. Rush is a national leader in this procedure; our surgeons have written landmark papers and speak on several panels across the world every year on this topic.

**Why refer your patients here?**

**Pioneering clinical trials:** Rush is participating in several clinical trials focused on bringing the latest, most effective chemotherapy treatments to the bedside for primary and metastatic liver tumors. In addition, Rush is involved in the novel, international DRAGON1 clinical trial, which evaluates the effectiveness of embolizing both the portal vein and hepatic veins (double embolization) on one side of the liver to catalyze faster and more extensive liver size and function growth.

**Leaders in fibrolamellar carcinoma treatment:** We have developed pioneering, life-changing treatments for fibrolamellar carcinoma, a rare pediatric cancer. We employ novel immunotherapeutic combinations and portal vein/double vein embolization, a cutting-edge technique used in greater volume at Rush than anywhere in North America. Rush also treats the largest number of all cases of this rare type of cancer in the United States.

**First-rate care:** Rush was the first hospital in Chicago to introduce DOTATATE scanning and to offer peptide receptor radionuclide therapy for patients with neuroendocrine metastases.

**Treatment leader of liver metastases:** In 2019, Rush hosted the Chicago LIVERMET Symposium, which featured the latest innovations in the treatment of liver metastases. The conference was attended by expert clinicians who diagnose and treat metastatic liver disease across the United States.

**Locations:** Our providers are available to see patients at Rush University Medical Center and Rush South Loop in Chicago and Rush Oak Brook, Rush Oak Park and Rush Copley in Aurora.

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**Types of liver cancer we treat**

**Primary liver tumors**
- Cholangiocarcinoma
- Fibrolamellar carcinoma
- Hepatoblastoma
- Hepatocellular carcinoma

**Metastatic liver tumors**
- Colorectal metastases
- Liver metastases from other primary cancers
- Neuroendocrine metastases

**Treatments**

**Embolization**
- Chemoembolization
- Radioembolization

**Local regional interventions**
- Microwave ablation
- NanoKnife
- Tumor ablation

**Radiation hepatectomy**

**Regenerative liver therapy**

**Surgery**
- Laparoscopic
- Open
- Robotic

**Transplantation**

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To refer patients or request a consult, call (312) CANCER-1.
Bulent Arslan, MD  
**Director**  
Vascular and Interventional Radiology  
**Clinical expertise**  
Ablation  
Portal vein embolization  
Radioembolization

Sheila Eswaran, MD, MS  
**Clinical expertise**  
Hepatocellular carcinoma

Paul Kent, MD  
**Clinical expertise**  
Pediatric oncology

William Leslie, MD  
**Clinical expertise**  
Gastrointestinal oncology

Srikumar Pillai, MD, FACS  
**Director**  
Pediatric Surgery  
**Clinical expertise**  
Pediatric liver tumors

Erik Schadde, MD, FACS, FEBS (HPB)  
**Clinical expertise**  
Cholangiocarcinoma  
Liver metastases  
Surgical oncology

Edie Chan, MD, FACS  
**Surgical Director**  
Liver Transplantation  
**Clinical expertise**  
Hepatocellular carcinoma  
Liver transplantation

Audrey Kam, MD  
**Clinical expertise**  
Liver tumors  
Neuroendocrine tumors

Thomas Kim, MD  
**Director**  
Gastrointestinal Radiation Oncology  
**Clinical expertise**  
Stereotactic radiation of liver tumors and their metastases

Sam Pappas, MD, FACS  
**Director**  
Surgical Oncology  
**Clinical expertise**  
Cholangiocarcinoma  
Liver metastases

Nancy Reau, MD  
**Section Chief**  
Hepatology  
**Associate Director**  
Organ Transplantation  
**Clinical expertise**  
Hepatology services  
Transplantation

Jordan Tasse, MD  
**Director**  
Interventional Oncology  
**Clinical expertise**  
Ablation  
Double embolization  
Nanoknife

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