



# Rad to Rad Learning: Portal Vein Thrombosis

The Radiology Partners (RP) National Quality and Safety Committee presents our newest Rad to Rad Learning case.

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## Peer Learning Opportunity

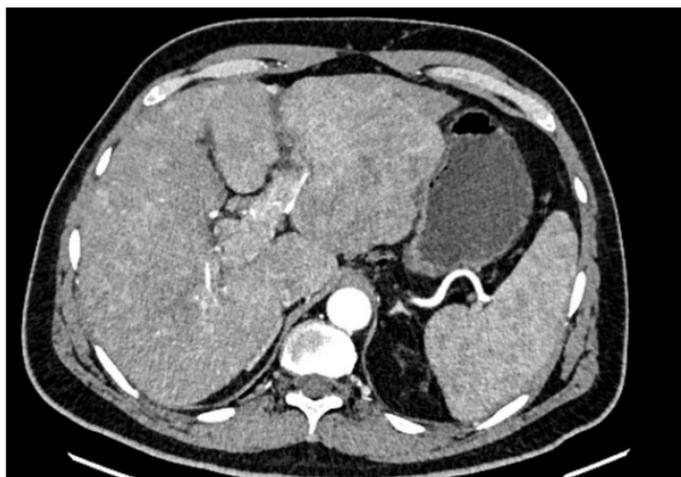


This condition will typically present with vague abdominal pain and can result in bowel ischemia, depending on extent of mesenteric vein involvement.

## Portal Vein Thrombosis

**Left: Bland portal vein thrombus in a non-cirrhotic patient**

**Right: Tumor thrombus in a patient with infiltrative hepatocellular carcinoma.**



*Shared to improve patient safety and healthcare delivery in the provision of radiology services. The circumstances and facts are changed, altered, or deidentified to preserve confidentiality. Privileges have not been waived.*

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## Practical Insights

- **Most commonly seen in the setting of cirrhosis/portal hypertension resulting in slow flow. Also can be seen in hypercoagulable state.**
  - **Any enhancement of the thrombus should be a clue to underlying HCC.**
  - **In the chronic setting, can present as cavernous transformation with multiple serpiginous vessels feeding into both left and right portal vein branches.**
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## Vital to distinguish bland thrombus from tumor thrombus, which precludes possibility of liver transplant.

The RP National Quality and Safety Committee is part of [RP's Clinical Value Team](#), which works to elevate patient care and enhance value through innovation, collaboration and education. To advance this goal, our radiologists and advanced practice providers are committed to sharing peer learning as valuable reminders and insights about what we encounter in our day-to-day practice. Check back here and on [X](#), [LinkedIn](#) and [Instagram](#) to see these common cases and our findings.

Visit the [Clinical Resources page](#) for more cases and to see what we've developed to enhance best practice recommendations, elevate image quality and patient care and update current standards throughout RP's network of practices, all to deliver excellent radiology services to patients, referring clinicians and client partners.



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