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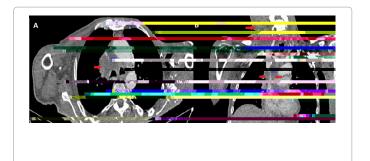
The Focal Hepatic Hot Spot Sign

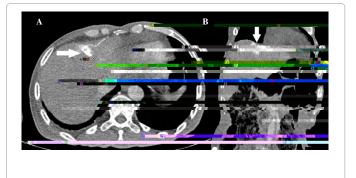
Keywords: Focal; Hepatic Hot spot sign

e focal hepatic hot spot sign is due to a Porto systemic venous shunt between the SVC and the portal vein. it is created by areas of focal increased blood ow that result from this shunt. is sign is found mainly in Budd-Chiara syndrome, the causes of which are multiple, notably thorax neoplasms.

Clinical image

A 65-year-old man followed for a le pulmonary adenocarcinoma with lymph node metastasis treated by chemotherapy, the control scanner showed an increase in mediastina lymphadenopathy compressing the mediastina vascular structures, in particular the superior vena cava Figure 1, and the abdomen-CT showing an area of intense, homogeneous wedge-shaped enhancement in the square lobe of the liver Figure 2 [1-3].





Discussion

e focal hepatic hot spot sign was rst described in 1983 by Ishikawa. it is due to a portosystemic venous shunt between the SVC and the portal vein. e hot spot is created by areas of focal increased blood ow that result from this shunt. is sign is found mainly in Budd-Chiari syndrome, the causes of which are multiple, notably thorax neoplasms such as pulmonary carcinoma and lymphoma, Vasculo-Behcet disease, bro sing mediastinitis and lactic aneurysm, the di erential diagnosis is made mainly with haemangioma, hepatocellular carcinoma, focal nodular hyperplasia located in segment IV and which can mimic the focal hepatic hot spot sign.