

## Clinical Image

# The Kissing Sign of Liver and Spleen

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The kissing sign between the liver and the rate is a purely radiological sign. It reflects severe hepatomegaly or splenomegaly or a combination of the two resulting in intimate contact between the two organs. It has been described in ultrasound, CT and magnetic resonance imaging. This sign is not specific for liver disease. It can be associated with various hepatic pathologies (cirrhosis, portal hypertension, neoplastic, toxic, infectious, metabolic), extra hepatic (cardiovascular, haematological, lymphoma) or splenic (tumoral) [1]. We present the image of a 34-year-old female patient with a history of breast cancer with hepatic and bone metastasis. Abdominal computed tomography shows multi-nodular hepatomegaly coming into contact with the spleen showing the kiss sign (Figure 1 and 2).

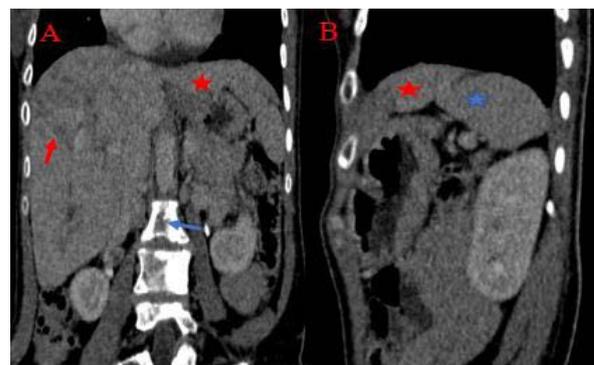
This sign is not always pathological because it can be discovered by chance in an individual without a pathological background, in particular in young subjects, with a low level of body fat [2].

## References

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**Figure 1:** Abdominal CT scan (axial plane) with injection of contrast product showing with a sign of kissing of the liver and spleen. Red Arrows: Liver damage; Red Star: Liver; Blue Star: Spleen.



**Figure 2:** Abdominal CT scan (coronal A and sagittal B) with injection of contrast product showing hepatomegaly with a sign of kissing of the liver and spleen. Red Arrow: Liver injury; Blue Arrow: Bone injury. Red Star: Liver; Blue Star: Spleen.