



Hepatic complications of malposition of umbilical venous catheter (UVC) are uncommon and occur due to extravasation of hypertonic fluids and the blood products in the liver tissue” Sherwani et al (2016).

Abstract:

Hepatic complications of malposition of umbilical venous catheter (UVC) are uncommon and occur due to extravasation of hypertonic fluids and the blood products in the liver tissue. Various hepatic complications include thrombosis of hepatic vessels, hepatic necrosis, hepatic fluid collections, and hematoma, with the intraparenchymal liver lesions seen along the course of ductus venosus. Radiologists must be aware of these complications and their imaging findings, as the timely recognition and immediate management can prevent the fatal outcome. Here, we present a rare case of intraparenchymal liver lesions associated with malposition of UVC in a preterm baby.

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Reference:

Sherwani, P., Vire, A., Anand, R. and Jajoo, M. (2016) Umbilical venous catheterization gone



wrong: Hepatic complications. The Indian Journal of Radiology & Imaging. 26(1), p.40-3.

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