

Hepatocellular Carcinoma (HCC) Embolisation using DC Bead™ Doxorubicin

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Patient History

- 82-year-old female with known chronic liver disease. Presented with malaise and a rising Alpha Feta Protein (AFP).
- CT scan demonstrated 2 lesions in the liver - one abutting the capsule of the left lobe of the liver and a second lying centrally within the left lobe (Figs 1 and 2).
- The AFP was elevated at > 220 iu/l. Biopsy of the peripheral lesion demonstrated hepatocellular carcinoma (HCC).
- Angiography demonstrated 2 hypervascular lesions within the left lobe corresponding to the CT abnormalities (Figs 3 and 4).



Fig 1

Procedure

- Using a 5Fr Terumo® Glidecath™ cobra catheter positioned within the left hepatic artery and a Terumo® Progreat™ microcatheter, 75mg doxorubicin, loaded in 2 vials of 500-700 micron particle DC Bead™, was delivered selectively to the tumours.



Fig 2

Outcome

- Post procedure there was good embolisation of the tumour vascularity with no tumour filling (Figs 5 and 6).
- Biochemically, the AFP has fallen to < 4 iu/l and has remained within the normal range for 9 months. Follow-up CT at 6 months demonstrated no tumour vascularity (Figs 7 and 8).



Fig 3



Fig 4



Fig 5



Fig 6

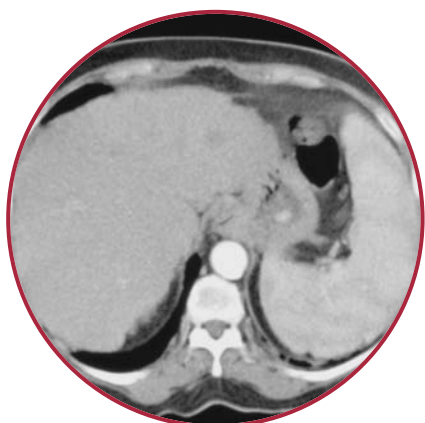


Fig 7



Fig 8

DC Bead™ Ordering Information

Label Colour	Nominal Bead Size	Volume of Beads	Product Code
Yellow	100 - 300 µm	2ml	DC2V103
Blue	300 - 500 µm	2ml	DC2V305
Red	500 - 700 µm	2ml	DC2V507
Green	700 - 900 µm	2ml	DC2V709

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