

HCC MW ablation with 2 antennas using navigation system

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CLINICAL CASE

In a female patient 68 yrs. old with liver cirrhosis Child A MRI was suspicious for hepatocellular carcinoma segment VIII of 2 cm of diameter in the liver dome (Fig. 1). Tumor board transferred her to ablation.

PROCEDURE

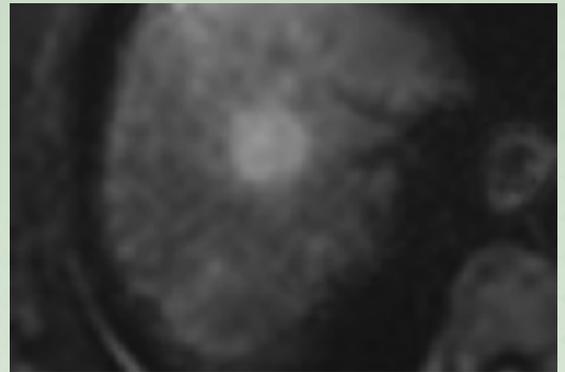
Under general anesthesia in prone position computer-aided placement of MWA antennas was planned after biopsy (CAScination™, Fig. 2), diagnosed later as high differentiated hepatocellular carcinoma. Two antennas 14G of 15 cm length have been put in place and 2x45 Watt have been applied over 20 minutes (Fig. 3).

FOLLOW UP/ CONCLUSION

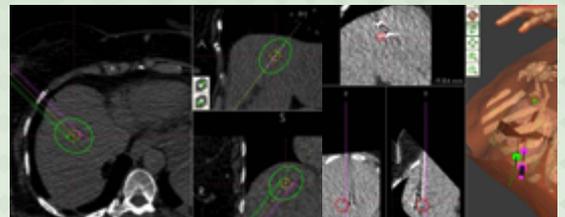
Post-ablation control verified the ablated area (Fig. 4, Fig. 5). No recurrence occurred after 12 months.

PRODUCTS USED

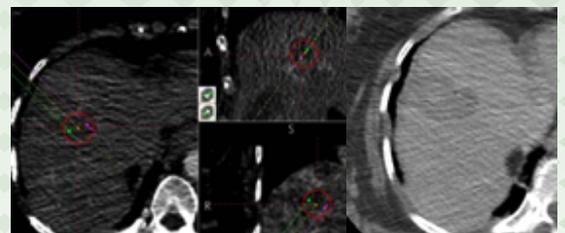
Two TATOpro 14G antennas of 15 cm length.



CT Image of Pre-Ablation –
Fig. 1



CT image of antennas placement –
Fig. 2; Fig. 3



Follow up CT Images –
Fig. 4; Fig. 5

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