

Cases 4: Updates/Innovations in Liver Transplantation



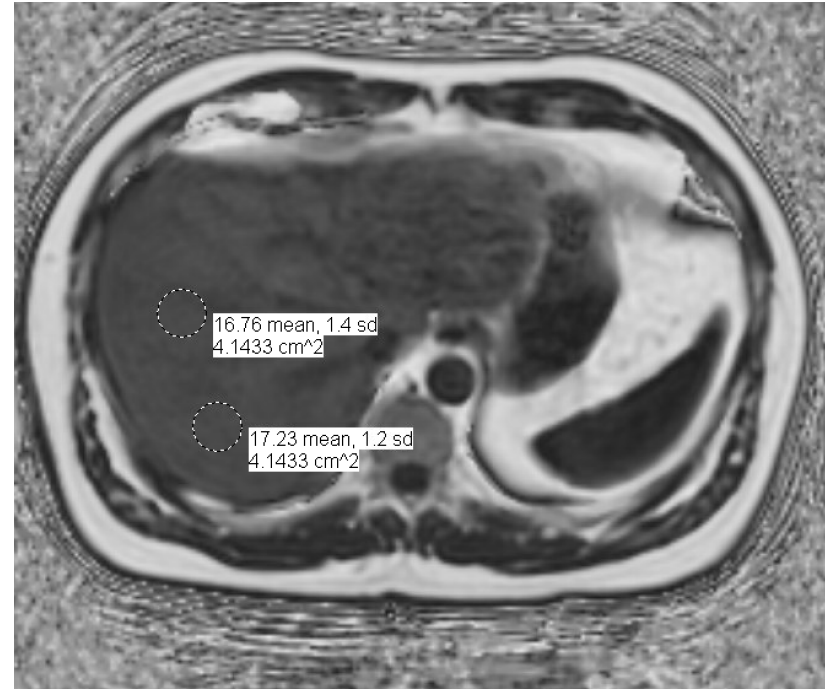
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Case 4

- A 58-year-old male with a history of colon cancer was found to have liver lesions on a surveillance CT abdomen.
- Six months prior to presentation, he underwent R hemicolectomy and adjuvant chemotherapy with Capecitabine and Oxaliplatin.
- The CT scan shows a 4.8 cm lesion in the left hepatic lobe and a 3.6 cm lesion in the right lobe.
- Liver biopsy is performed and shows metastatic CRC.
- The patient is referred for liver transplant evaluation

Case continued

- His only available live donor is his 55-year-old brother
- The donor has a BMI of 32.4 kg/m^2 but is otherwise healthy.
- ABO Typing shows:
 - Donor blood type: A+
 - Recipient blood type: O+



Donor MRI-PDFF is 16-18% = Grade 1/2 steatosis

Questions

- What is the leading indication for liver transplantation in the United States?
- What was the Carnegie Science Center recently renamed?

Questions

- What is the current landscape of transplant oncology?
- How are we pushing the boundaries of deceased donor liver transplant?
- What factors disqualifies a potential donor from live liver donation?
- How can we overcome barriers to live donation (e.g. ABOi liver transplantation)?