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A dramatic response to albendazole in a case of a large hepatic focal lesion mimicking hepatocellular carcinoma

Mostafa S Elkady
Benha University, Egypt

A 81 years old lady, presented with anorexia and severe epigastric pain for 2 weeks. It was of gradual onset and slowly progressive course, dull aching in character, and was associated with vomiting and jaundice. There was no GI bleeding or change in bowel habits. There was no history of ascites, or any other abdominal swellings. In addition, there was no constitutional manifestations like night sweat, night fever. Her HbA1C was 5.8%. At presentation ECG revealed no abnormalities however Abdominal ultrasound was done and revealed mild bright hepatomegaly with hypoechoic left lobe hepatic focal lesion at segment II, about (7x6.8cm) with multiple calcifications (hydatid disease??) and chronic calculous cholecystitis with normal spleen and no ascites. Subsequently, AFP and hydatid serology was requested and the results were 1.11 mg/ml and 1/80 respectively. Triphasic CT was also done and revealed a left hepatic lobe segment II hypodense focal lesion (8x7 cm) with no contrast enhanced at all phases of study and calculous gall bladder. The patient received Albendazole and UDCA t.d.s for 4 weeks then follow

up ultrasound was done and revealed a hypoechoic hepatic focal lesion (10x8.6 cm) with calcifications suggesting hydatid diseases with normal spleen and no ascites, one month later follow up ultrasound was done revealed the same left lobe hepatic focal lesion but measuring (8x6 cm). The patient continued the same treatment and ultrasound revealed decreasing size of the hepatic focal lesion to (7x5 cm) and later on after 6 weeks, it reached (2x2 cm) with decreasing ESR and hydatid serology was negative. The patients in now symptom free and kept on follow up.

Speaker Biography

Mostafa Mostafa Elkady, M.D is currently a Professor and Chairman of Gastroenterology Department, Faculty of medicine, Benha University, Egypt, in addition to Research and Clinical Fellow in Gastroenterology Division TTH, University of Toronto, Canada (1994-1995), He is a Member of EASD NAFLD Group, Member of College of Physician and Surgeons of Ontario, Member of the Royal Society of Tropical Medicine and Hygiene. And Currently he is a Consultant of Gastroenterology and Diabetology at Police Hospital Cairo Egypt. He is also a reviewer for Digestive Disease and Science.

e: mostafaalkady@hotmail.com