

The use of PENTAX Medical EG-3270UK for the evaluation of a pancreatic metastasis from an osteosarcoma diagnosed with EUS-FNB

PENTAX
MEDICAL

Case Study

For Medical Professionals

Patient History

A 46 year old male patient was sent to our department. He had undergone surgery for osteosarcoma 4 years ago and recent follow-up CT scan showed a pancreatic mass in the body of the pancreas and a pericardial lymph node. An EUS-FNA was scheduled to help the clinician confirm whether it is pancreatic metastasis or a second primary cancer.

EGD Findings:

Endoscopic ultrasound assisted in showing two lesions: One hypoechoic pancreatic mass of 28x25mm developed in the body of the pancreas with central calcification. Second was a pericardial LN of 30mm of diameter with the same echogenicity and the same central calcification which is not habitual in pancreatic adenocarcinoma.

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Elastography confirmed malignancy. Those central calcifications oriented the diagnosis of metastasis from the previous osteosarcoma.

An EUS-FNB was performed using a 22 Gauge needle and histology was confirming metastasis from the previous osteosarcoma.

Patient Follow-up and Outcome:

A chemotherapy was performed using a liposomal anthracycline.

Summary

EG-3270UK was suitable for the evaluation of this pancreatic metastasis and an EUS-FNB was performed successfully.



Image 1: Pancreatic mass in the body with central calcifications



Image 2: Peri-cardial lymph node with the same central calcifications

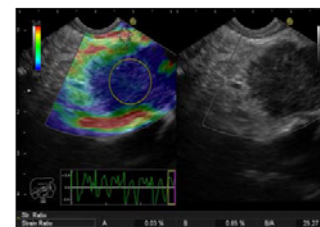


Image 3: Elastography of the pancreatic tumor showing a very hard lesion



Image 4: EUS-FNB using a 22 Gauge needle

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