

Clinical utility of diagnostic EUS in current GI practice

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DISCLOSURES

- **Nothing to disclose from my side.**

BACKGROUND

- **With the introduction of endoscopic ultrasound (EUS) in endoscopy armamentarium , it has made significant difference in the routine management of GI disorders.**
- **Due to its widespread availability & expertise, it constitutes important place in our practice.**

AIMS & OBJECTIVES

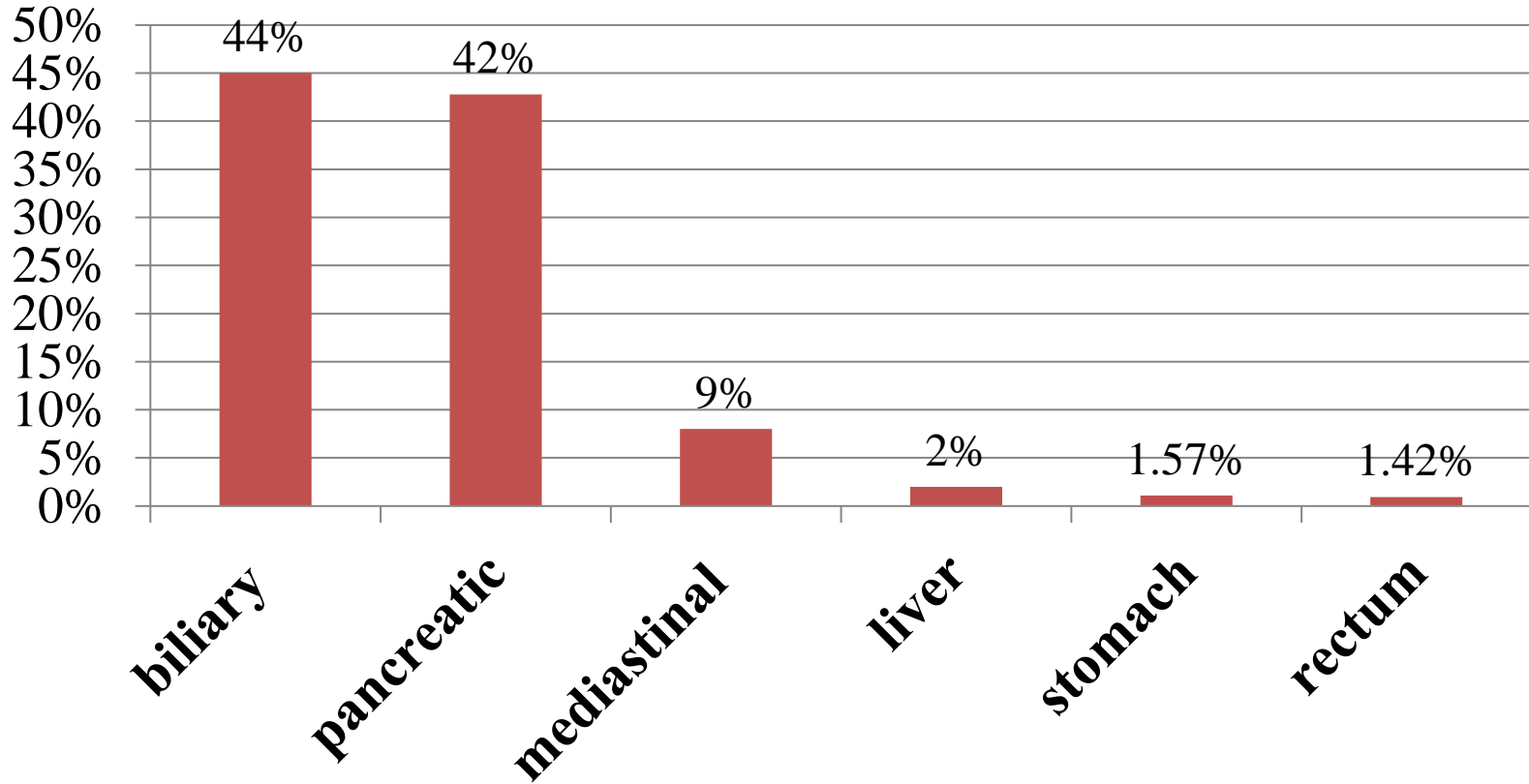
- **To review the role of diagnostic endoscopic ultrasound in day to day management of mediastinal, bilio-pancreatic, hepatic and other GI diseases.**

METHODOLOGY

- **Diagnostic EUS using pediatric echoendoscope(linear/insertion tube dia 10.8mm/ biopsy channel 2.8mm) at our deptt. of gastroenterology, over two years period.**
- **Retrospective analysis in 646 patients.**
- **Evaluated for the indications, targeted organ & outcome including fine needle aspiration cytology (FNAC), if performed.**

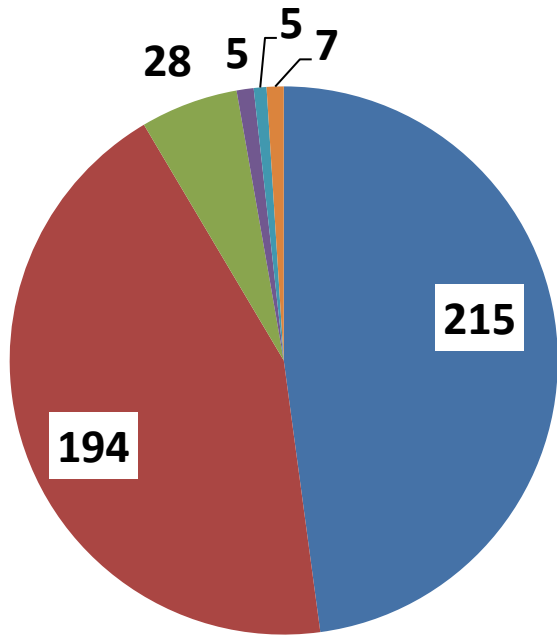
RESULTS

- **Total patients (n = 646)**



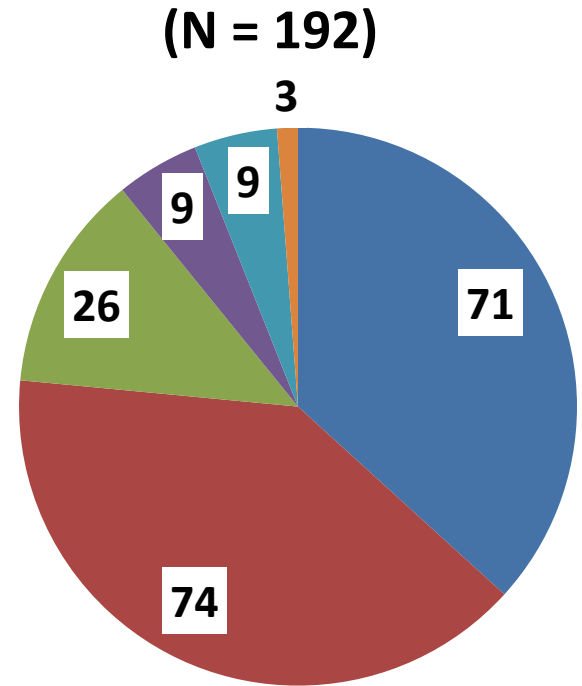
INDICATIONS

BENIGN PATHOLOGY (N = 454)

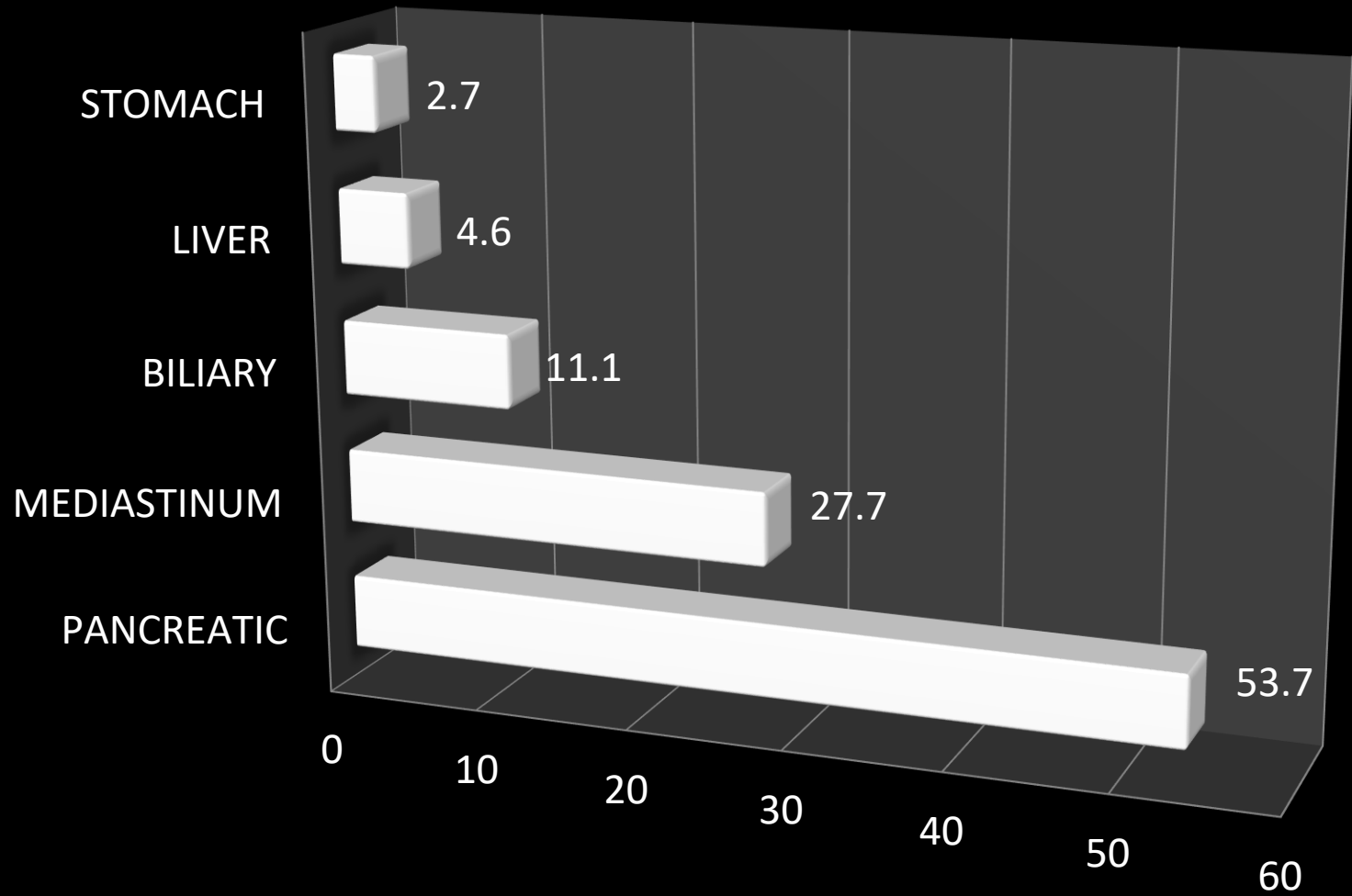


- BILIARY
- PANCREATIC
- MEDIASTINAL
- RECTUM
- STOMACH
- LIVER

MALIGNANT PATHOLOGY (N = 192)



FNA DONE (N=128)



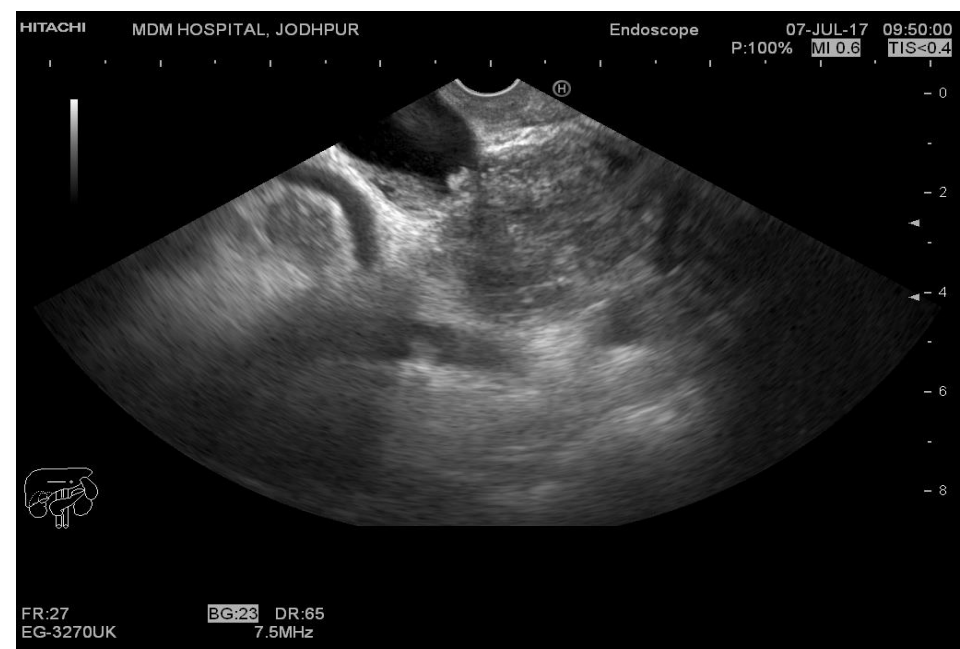


Fig 1. mass in head of pancreas with involvement of lower end of cbd

Fig 2 multiple sol liver

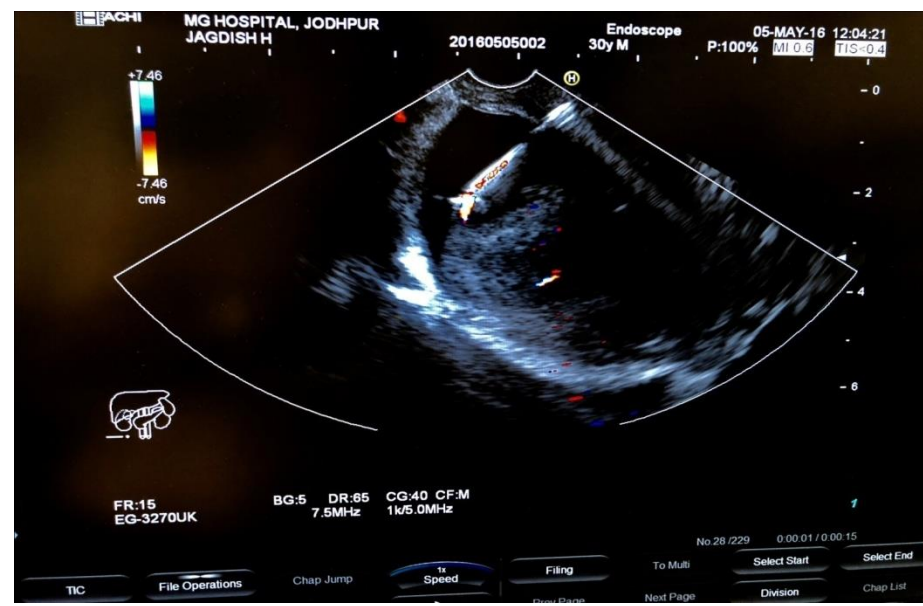


Fig 3. FNA from cystic lesion with mural nodule in head of pancreas

CONCLUSION

- **Diagnostic EUS plays invincible role in routine GI practice.**