



Summary Feedback

ST1: Two Year Teaching Programme

Session 7.6 GIT - Hepatobiliary

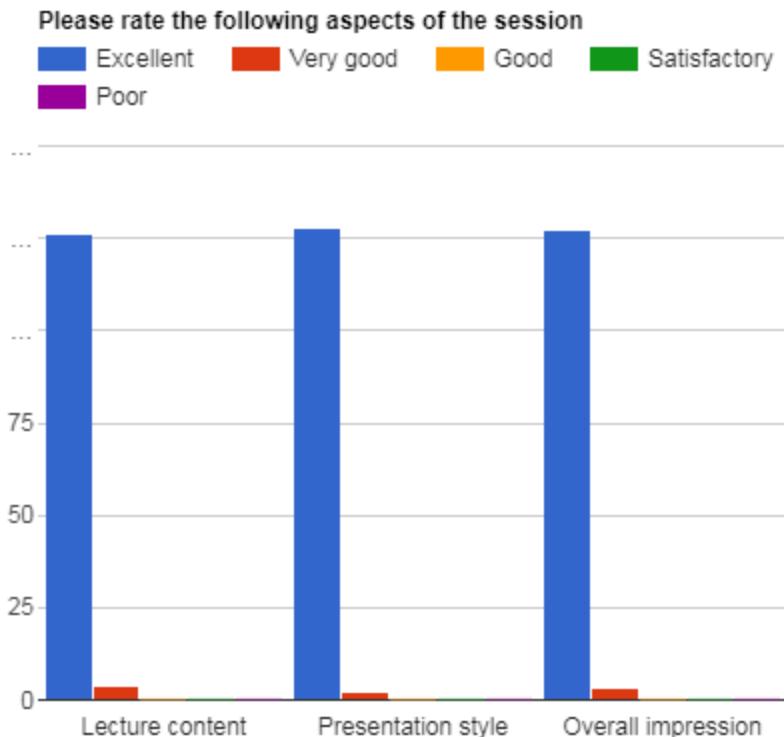
(21st July 2022)

Delivered By:

(Sami Khan)

Summary Points:

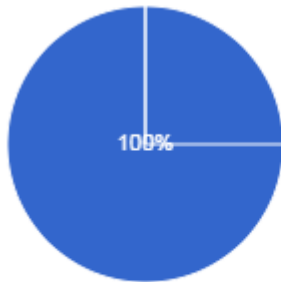
- ST1-ST4 teaching session 7.6: 3 hours teaching time
- Total Attendees: 429 from 32 Countries (Australia, Bahrain, Bangladesh, Canada, China, Czech Republic, Dominica, Egypt, Ghana, Hong Kong, India, Indonesia, Iraq, Kenya, Malaysia, Myanmar, Nepal, Nigeria, Oman, Pakistan, Poland, Qatar, Saudi Arabia, South Africa, Sri Lanka, Sudan, Tanzania, UAE, UK, Yemen, Zambia, Zimbabwe).
- Total feedback received from 130 participants



Session 7.6 GIT - Hepatobiliary

Did you find it useful
130 responses

● Yes
● No



Testimonials

- Every aspect is absolutely mind blowing as the method of teaching is very conceptual (Pakistan).
- I liked explanation of liver segments - I have never fully understood it until today! (UK).
- Dr Khan is a great teacher (Nigeria).
- Great selfless teaching (Pakistan).
- Five stars (Myanmar).
- Best class (India).
- Excellent teaching (Malaysia).
- Excellent learning session from an excellent teacher (Egypt).
- Superb as always (UK).
- 10/10 (Kuwait).
- Respect (Pakistan).
- Dr Khan Sir is an excellent teacher, God bless him, have never been taught in so much detail and conceptual way before (Pakistan).
- Excellent superb.
- Very good (Pakistan).
- Very informative (Pakistan).
- Wonderful (Pakistan).
- Excellent overview of hepatobiliary imaging (Kenya).
- Outstanding (Pakistan).
- Brilliant (UAE).
- Great - thank you very much (UK).
- Very useful session for me (UK).
- Excellent teaching sessions always! (Pakistan).
- Very good, elaborate.
- Very interesting (Oman).
- Nice talk (Saudi Arabia).
- Amazing lecture (Nigeria).

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- Excellent presentation (Saudi Arabia).
- All thankful to Dr. Khan (Bahrain).
- Excellent teaching as usual (UK).
- Very illustrated (Kenya).
- Valuable resource (Iraq).
- Best as always (Pakistan).
- Very educative (Kenya).
- I learned a lot. Thank you so much sir.
- Super-duper good (India).
- Perfect lecture (Pakistan).
- Best (Pakistan).
- Thank you for the good work (Kenya).
- The detailed teaching (Nigeria).
- Good images (Kenya).
- Amazing session (India).
- Well prepared (UK).
- It was all good (UK).
- Brilliant (Pakistan).
- Excellent teaching on liver MRI (Pakistan).
- Excellent content (India).
- Very comprehensive and informative (Egypt).
- Awesome teaching and practical learning (Oman).
- Learnt many new things.
- Viva was the most valuable (UK).
- Overall very good . Always very beneficial. Full respect for you (Pakistan).
- Awesome presentation by all means (Iraq).
- Fantastic review (UK).
- Very informative lecture (Egypt).

The image shows a Zoom meeting interface. The main content is a slide with the following text:

MRI LIVER

Types of Contrast

1. Extracellular Agents (ECA)
2. Hepatocyte Specific Agents (HSA)
 - i. Gadobenate Dimeglumine (Gd-BOPTA)
 - ii. Gadoxetic Acid (Gd-EOB)

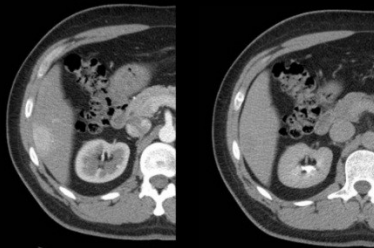
At the bottom of the slide, there is a Zoom control bar with the 'Participants' icon circled in red. A green bar below the control bar says 'You are screen sharing'. The right sidebar shows a list of participants: Chris, Candidate 1, Moses Akombwa, dr.gurusiddu ch..., and dr.gurusiddu chinnappanavar.

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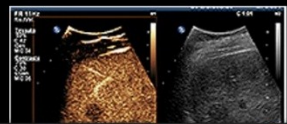
Detection and Characterization of Liver Masses

Malignant (usually): Wash Out +ve

CT



CEUS

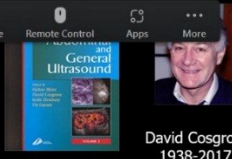



Important !

Beware of Pitfalls

- Adenoma
- Fibrolamellar HCC (FLC)
- Cholangiocarcinoma (fibrous component)
- HCC (capsule due to fibrosis)

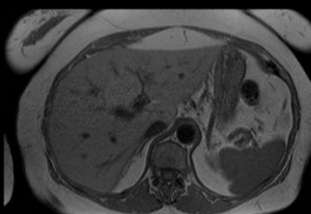
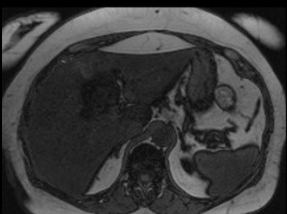
In Late phase : "Black is Bad" Sign






T1W Out of Phase (Opposed phase)

1.5 Tesla
TEs of 4.6msec (in phase) & 2.3 msec (opposed phase)

- Abnormal fat** → Hypointense as compared to in-phase
fatty sparing and fat containing tumors
- Haemochromatosis** (iron deposition) : ↑ signal on out of phase and ↓ signal on in phase (*opposite of fatty infiltration*)



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