CBD in the ED- impossibly difficult??

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IT'S NO FUN PLAYING HIDE & SEEK WITH YOU IF YOU'RE JUST GOING TO KEEP JUMPING INTO THE MIDDLE OF THAT STUPID HAYSTACK EVERY TIME IT'S YOUR TURN!
Anatomy
Nirvana
“Mickey Mouse” view
How to find??
Landmarks

- Portal Vein/Porta Hepatis
- Gallbladder neck
- Head of pancreas
Anatomy

- Gallbladder
- Common hepatic duct
- Right hepatic artery
- Left hepatic artery
- Cystic artery
- Cystic duct
- Bile duct
- Supraduodenal artery
- Duodenum
- Liver
- Stomach
- Celiac trunk
- Splenic artery
- Right gastric artery
- Left gastric artery
- Gastroduodenal artery
- Portal vein
- Hepatic artery proper
- Benign Biliary Conditions
Head of pancreas
Identify distal CBD
Turn on it and follow
Tips and tricks

- Deep breath and hold
- Intercostal windows
- Rolling the patient
- Sitting/Standing the patient
CBD vs Hepatic Artery

- Visible length CBD > HA
- Diameter CBD variable c.f. HA constant
- CBD doesn’t indent structures, HA does
- Doppler signal
Looking back - The Good
Looking back- The Bad
Looking back - The Ugly
Now
Dependency

- Operator
- Patient
- Time
- Machine
Also recently...
Anatomy
Practical CBD in the ED

- Know your anatomy, landmarks

- Ok views of PH, no dilated structure anterior to PV, unlikely dilated CBD

- Know the limitations- report your POCUS accordingly
With practice, can achieve the goal.....most of the time.
Questions??

Thank-you for your attention