Basic MRCP Sequences

• Parenchymal assessment
  – Axial T2w (RTr, propeller, multivane)
  – Axial T1w fat-sat (Dixon, LAVA/Thrive)
Basic MRCP Sequences

• Duct assessment
  – Non-fat-sat SSFSE
    • Axial, coronal (3-5 mm, no gap)
  – 3D MRCP
  – Thick slab MRCP
Basic MRCP Sequences

• Duct assessment
  – Non-fat-sat SSFSE
  – 3D MRCP
    • Resp triggered, BH, Navigator
      – TE optimized to balance background suppression, fluid signal (~600)
    • Accelerated Techniques
      – GRASE (Gradient and Spin Echo)
      – Compressed sense
  – Thick slab MRCP
    • Angled to duct
Basic MRCP Sequences

• Duct assessment
  – Non-fat-sat SSFSE
  – 3D MRCP
    • Resp triggered, BH, Navigator
      – TE optimized to balance background suppression, fluid signal (~600)
    • Accelerated Techniques
      – GRASE (Gradient and Spin Echo)
      – Compressed sense
  – Thick slab MRCP
    • Angled to duct
Supplementary MRCP Sequences

- Post-contrast fat-sat
  - Evolving acute pancreatitis
  - Suspected autoimmune pancreatitis
  - Vascular assessment
- Pre- and post-secretin
  - Duct sequences (SSFSE, 3D MRCP)
  - Dynamic slabs