Management of Transhepatic Cholangioscopy: A Case Series

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Use of the following patient cases for research purposes has been approved by University of Washington IRB
Percutaneous Transhepatic Cholangioscopy

• Diagnosis and treatment of various biliary diseases under direct visualization.
• Management of complex biliary stricture and stone pathology can involve months to years of indwelling drains
• Alternative to surgery, traditional ERCP, peroral biliary endoscopy
- Multidisciplinary patient selection
- Cross sectional imaging for planning
- US guided access to near the lesion
- Drain placement, tract maturation, and up-sizing
- Wire through sheath as guide rail
Flexible disposable endoscope

- Boston Spyglass DS
- 3.6 mm scope
- 1.2 mm working channel
- Irrigation and suction ports
- HD camera + 2 lights
- LithoVue
- Storz 22 Fr Rigid-reusable
References

- Chen YK, Pleskow DK. SpyGlass single-operator peroral cholangiopancreatoscopy system for the diagnosis and therapy of bile-duct disorders: a clinical feasibility study (with video). Gastrointest Endosc 2007; 65: 832–841
- Kim SK, Mani NB, Darcy MD, Picus DD. Percutaneous cholecystolithotomy using cholecystoscopy. Tech Vasc Interv Radiol 2019; 22(03):139–148