

Interpretation of cholangiogram

Dong-Won Ahn, MD., PhD.

Seoul National University College of Medicine

Seoul National University Boramae Medical Center

Department of Internal Medicine, Division of Gastroenterology

Seoul, Korea



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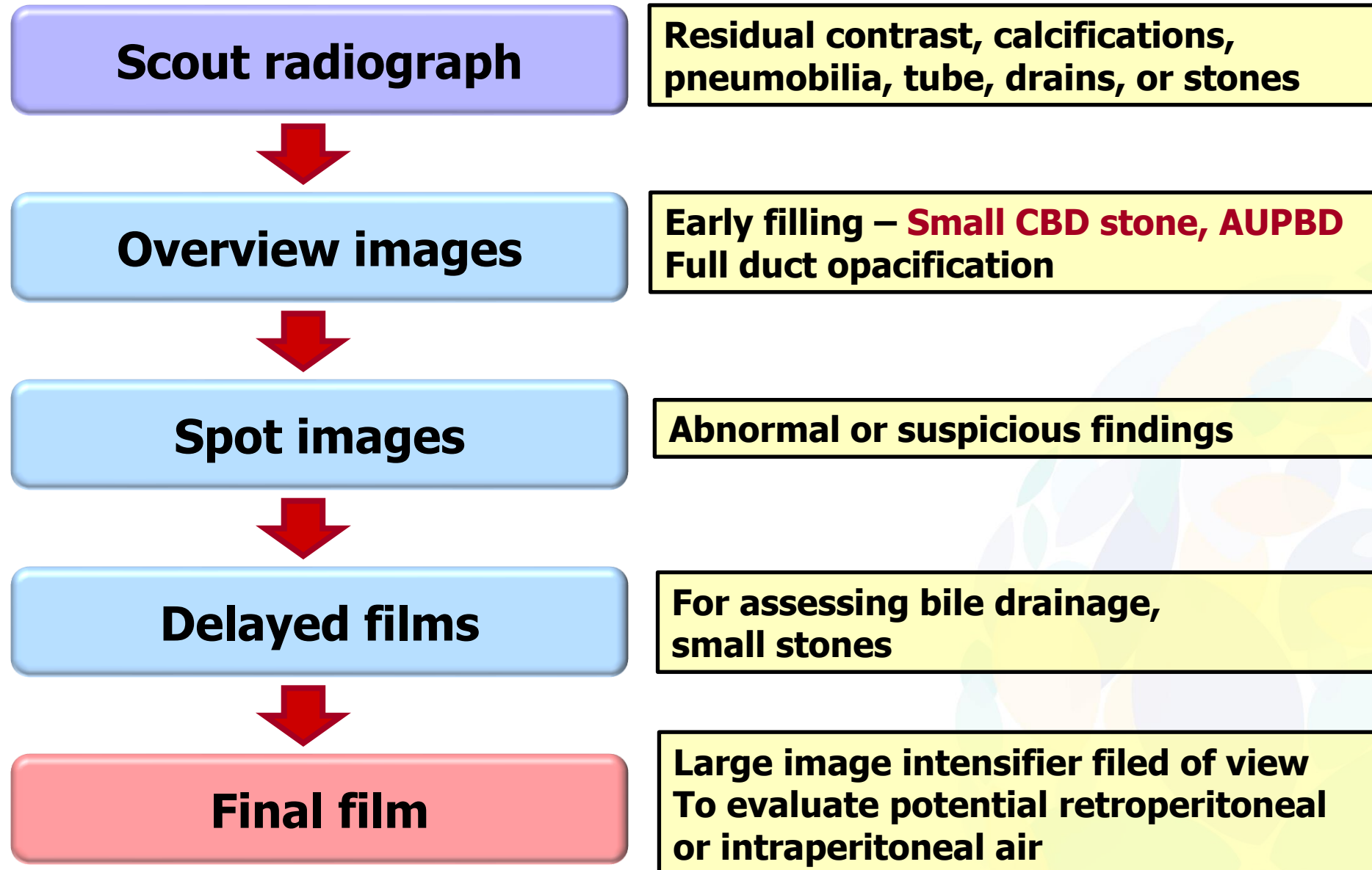


Preparation for fluoroscopic examination

- ERCP room
- Fluoroscopy system
- Contrast media
- The sequence of images



The sequence of images



Acquisition of optimal cholangiogram

- Contrast media injection
- Video acquiring cholangiogram
- Adequate filling techniques
 - ✓ Change scope position (long position)
 - ✓ Changing the patient's position
 - ✓ Injection near the stricture
 - ✓ Injection proximal to the stricture after guidewire passage
 - ✓ Balloon occlusion injection



Interpretation of cholangiogram

- Anatomy of biliary duct
- Cholangiogram findings of normal anatomy or variants
- Cholangiogram findings of biliary diseases
 - ✓ Stone
 - ✓ Benign and malignant stricture
 - ✓ Parasite
 - ✓ Biliary leakage, Hemobilia
- Recognition of complications



Conclusion

- **Optimal fluoroscopy + Appropriate interpretation**
-> **essential for diagnosis, assistance in therapy, and to limit complications.**
- **Review of prior imaging study before ERCP (CT, MRCP, EUS etc.)**
- **Discrimination of biliary diseases and early recognition of complications using cholangiogram**
- **Full knowledge of various methods for the acquisition of optimal cholangio-pancreatography!!!**

Important
Message

