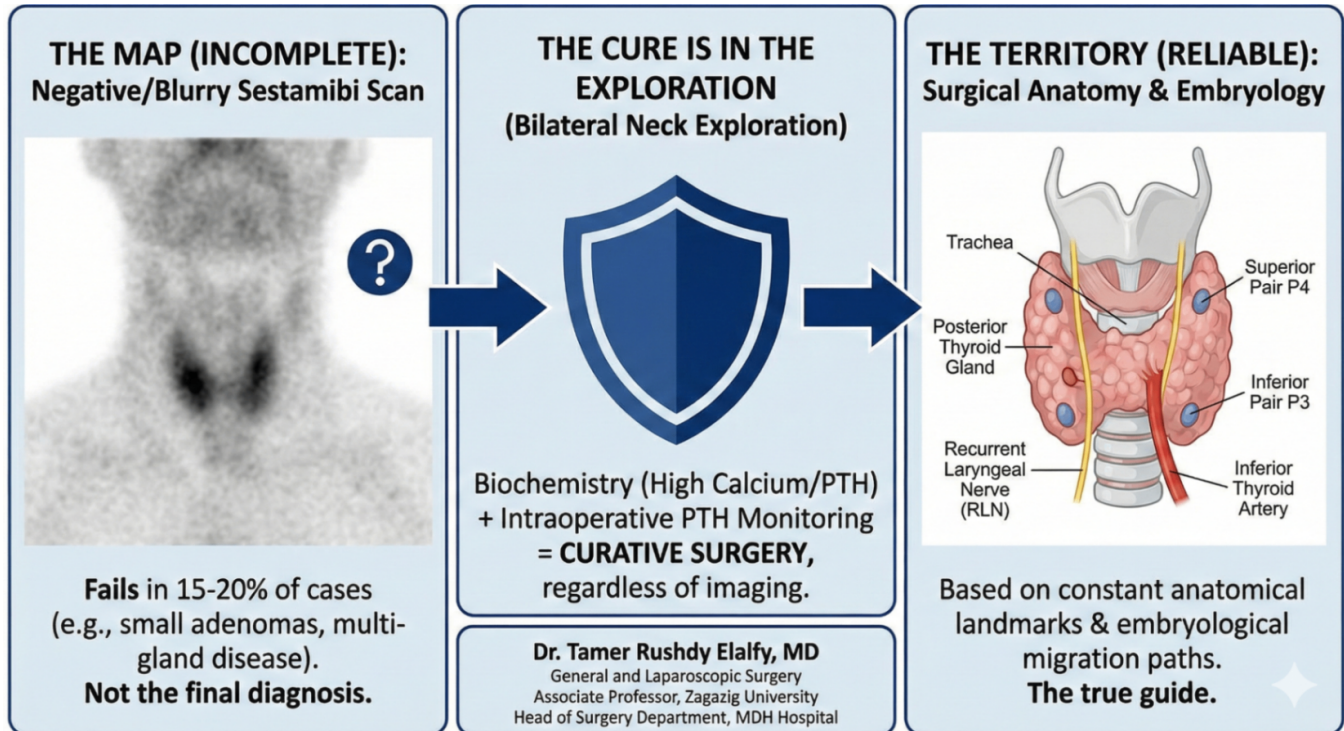


Illustrations for Doctors

Operative strategy, algorithms, and postgraduate teaching visuals.
Dr. Tamer Elalfy — Educational Illustrations

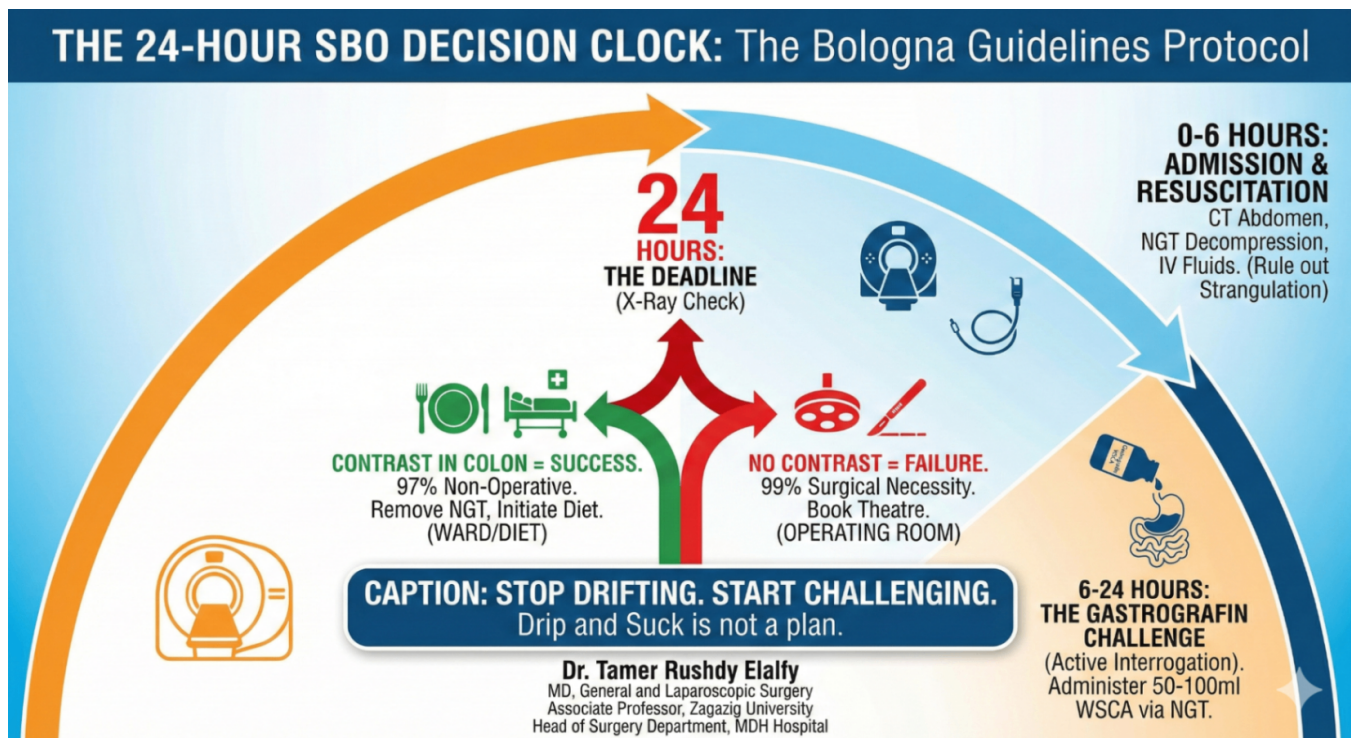
Parathyroid exploration principles

A surgical teaching visual contrasting imaging limitations with anatomy-led decision-making.



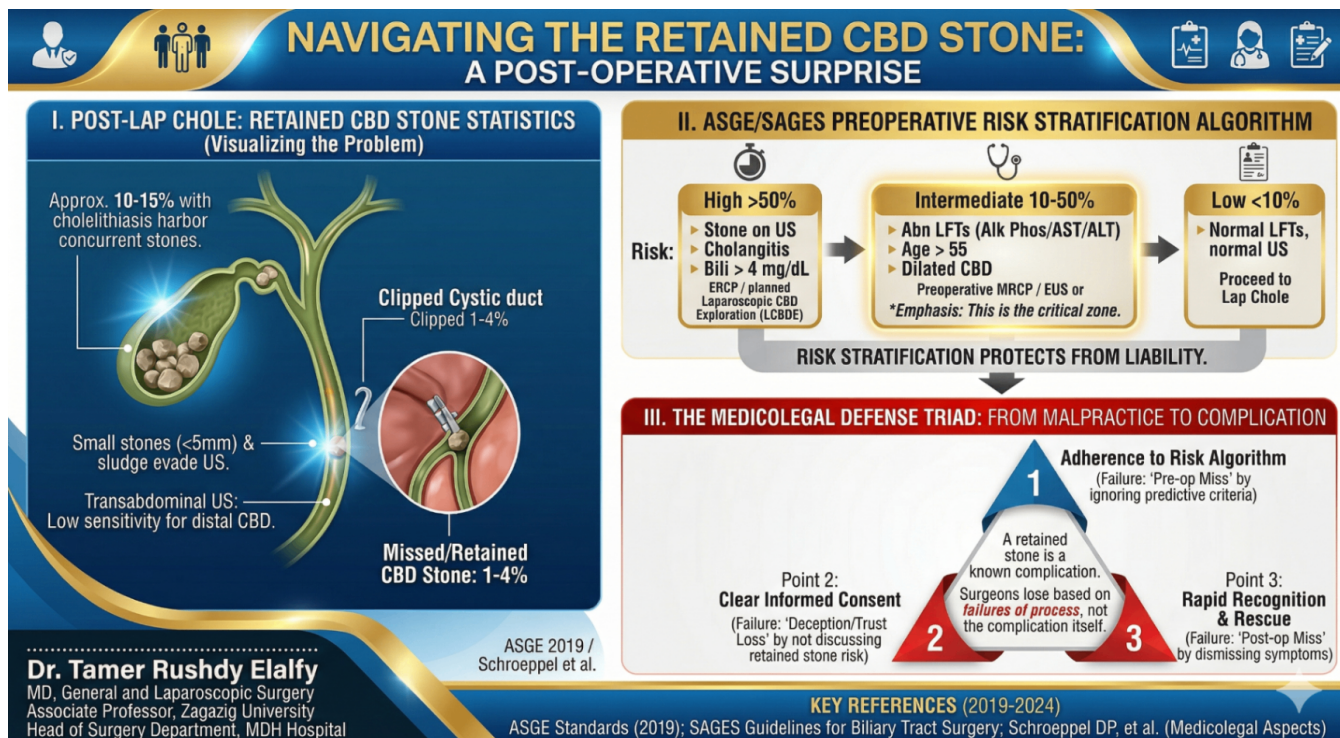
24-hour SBO decision clock

A concise algorithm for resuscitation, Gastrografin challenge, and timing of operative escalation.



Retained CBD stone framework

A medico-surgical explainer connecting risk stratification with postoperative rescue strategy.

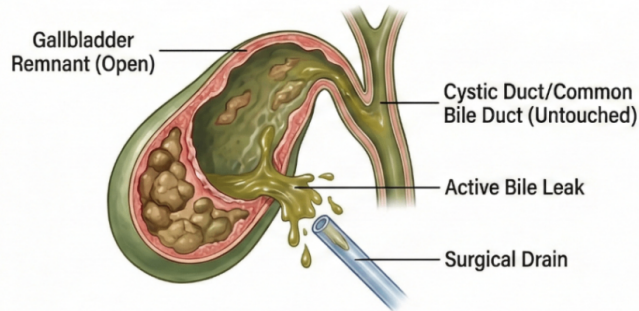


Subtotal cholecystectomy bailout options

A side-by-side comparison of fenestrating and reconstituting approaches for the difficult gallbladder.

SUBTOTAL CHOLECYSTECTOMY: THE 'BAILOUT' OPTIONS FOR THE DIFFICULT GALLBLADDER (When Critical View is Unattainable)

OPTION A: FENESTRATING (OPEN CUFF)

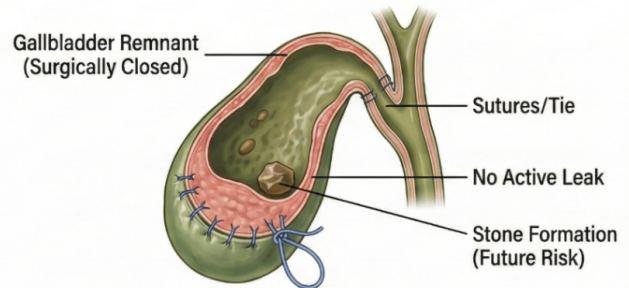


Outcome Profile

- ✓ Pros: Lowest risk of recurrent cholecystitis/mucocele.
- ✗ Cons: High risk of temporary biliary fistula (requires drain).

KEY TAKEAWAY:
Accept the leak to avoid the remnant.

OPTION B: RECONSTITUTING (CLOSED STUMP)



Outcome Profile

- ✓ Pros: Lower risk of immediate postoperative bile leak.
- ✗ Cons: High risk of symptomatic remnant recurrence/stones (requires difficult re-op).

KEY TAKEAWAY:
Avoid the leak, risk the future remnant.

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Perforated diverticulitis algorithm

A physiology-first pathway for Hartmann's procedure, protected anastomosis, and restorative strategy.

