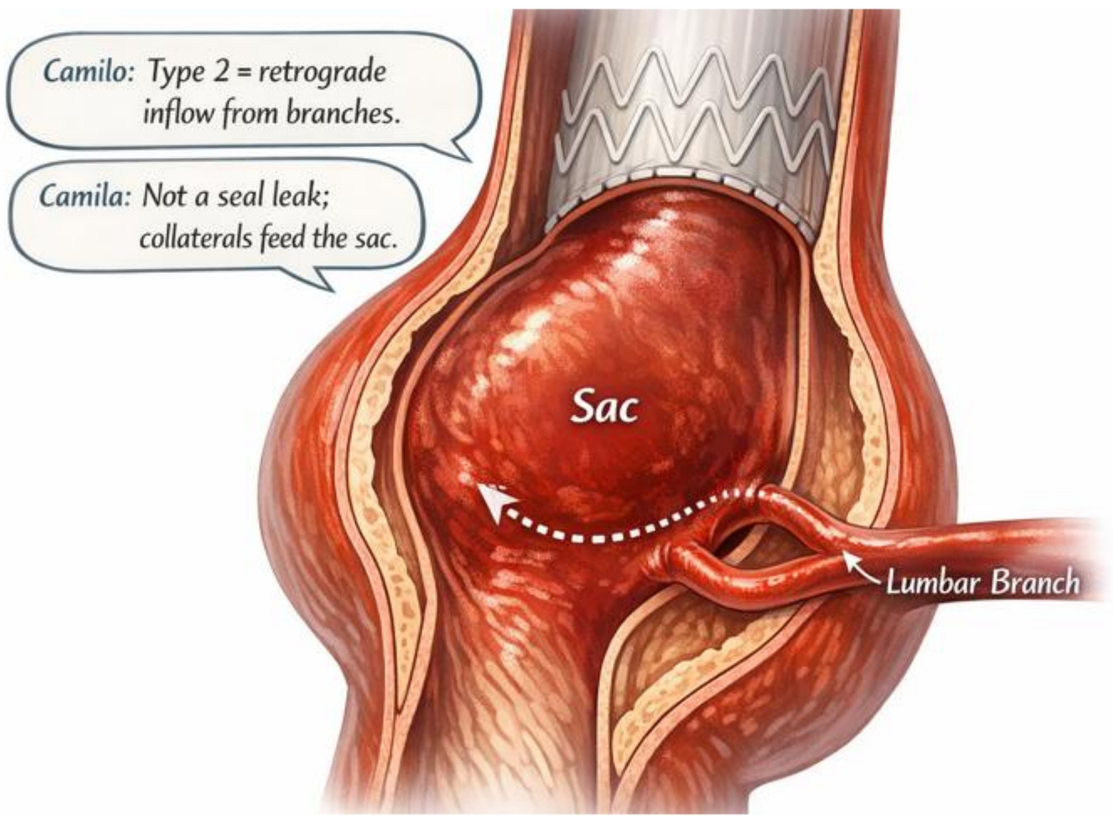
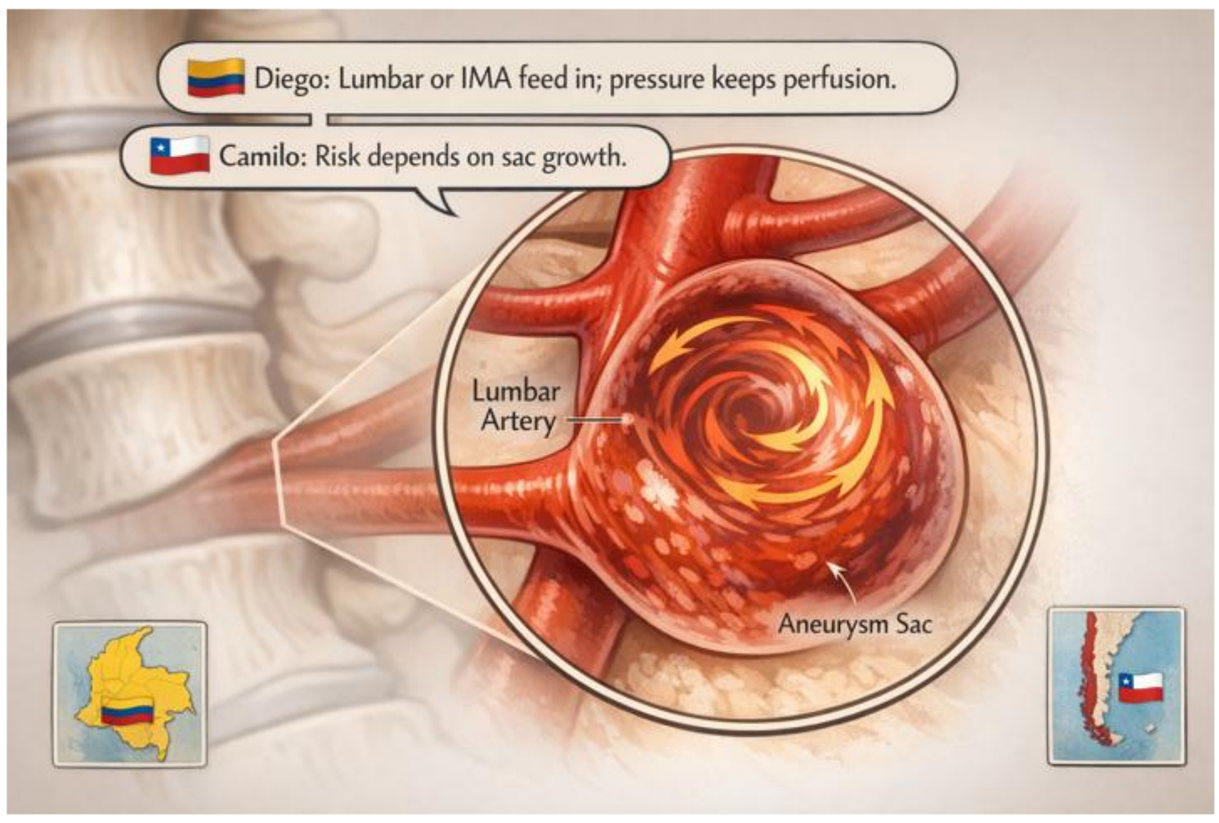
Panel 15

CEUS - Microbubble Tracker





Panel 15

CEUS - Microbubble Tracker

MI 0.08

15.0 MHz

Elapsed Time: 00:42

Diego

We track wash-in and wash-out seconds.

Camilo

Persistence over 60 seconds flags risk.

Wash-In

Wash-Out

Stable sac? We watch.

Camila

Growth over 5 mm? We act.

Diego

5 mm Growth!

Imaging Plan

- Arterial Phase
- Delayed Phase
- Find Source Vessel

Arterial | Delayed

CTA arterial plus delayed for slow flow.

We hunt the vessel feeding the sac.

Arterial Phase

Delayed Phase

Delayed blush confirms inflow.

I compare sac diameters each phase.

Camila: Here the lumbar enters— follow the arrow.

Diego: Route ready for embolization.

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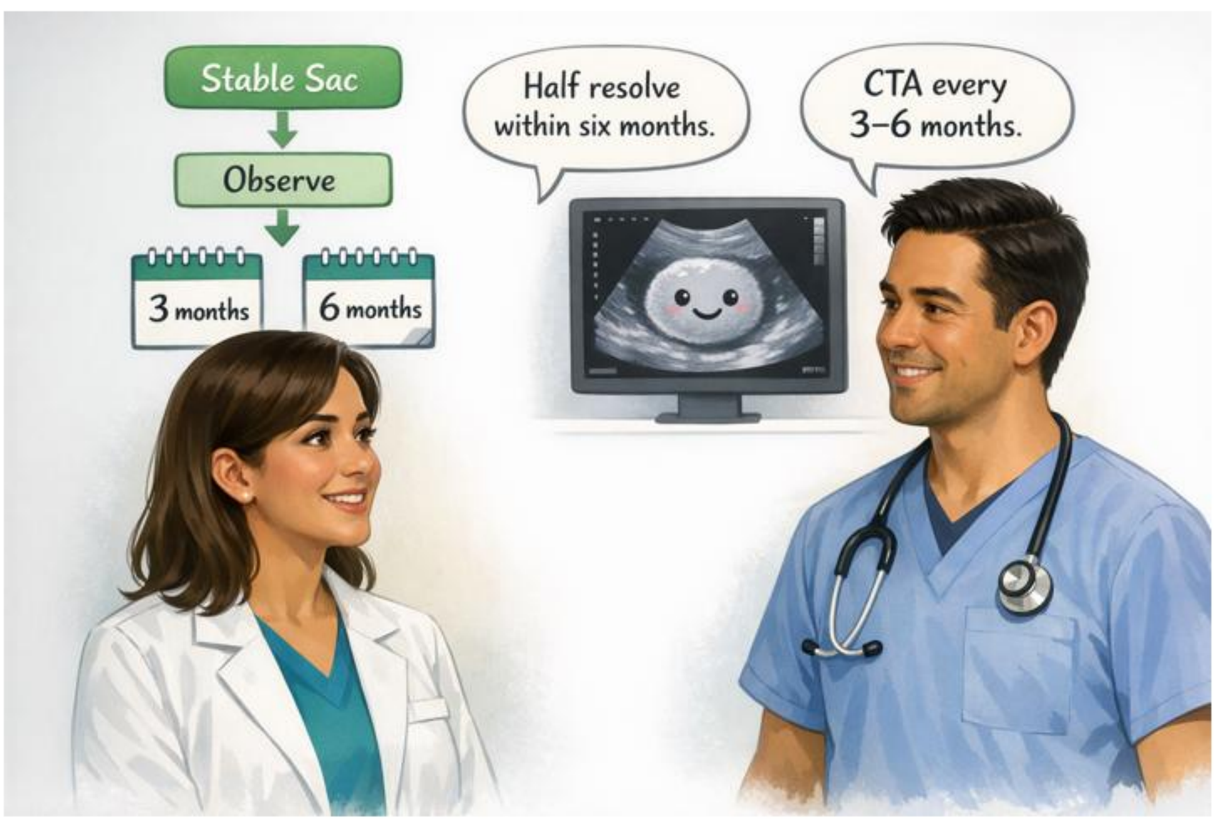

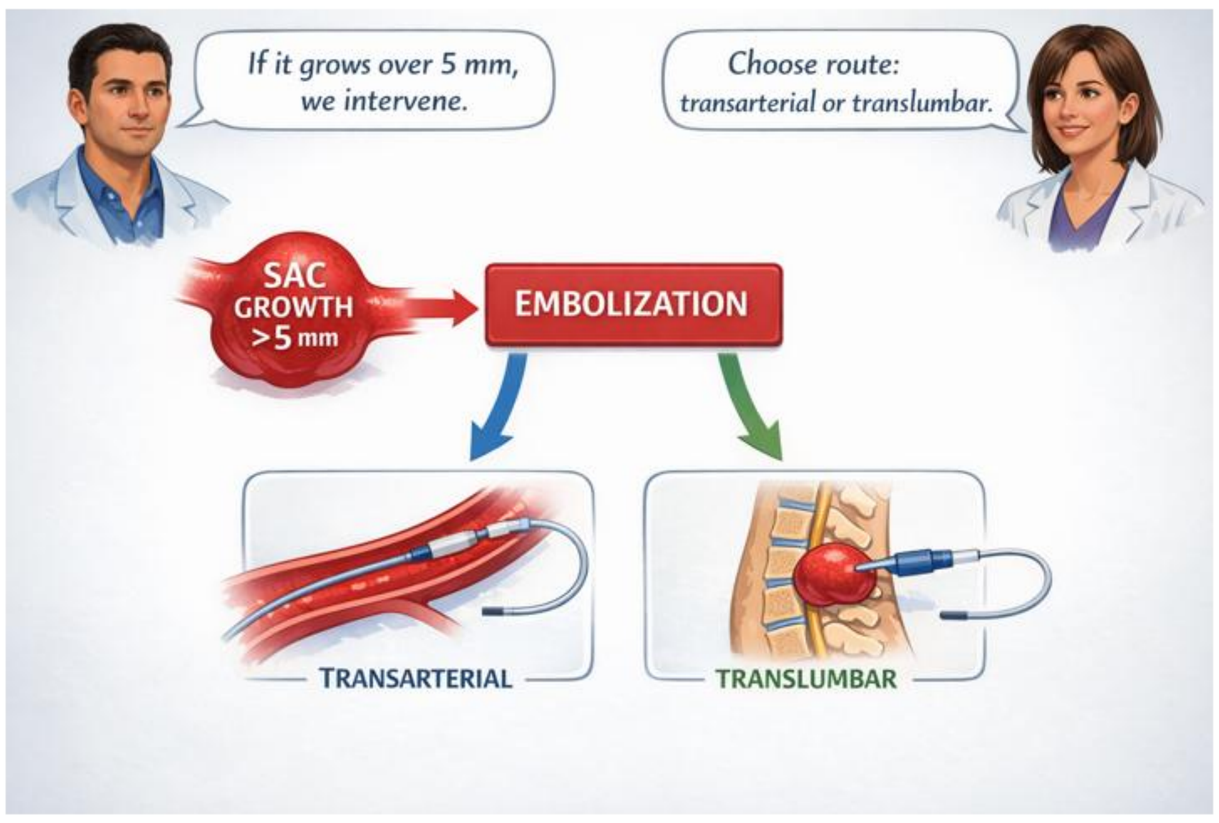

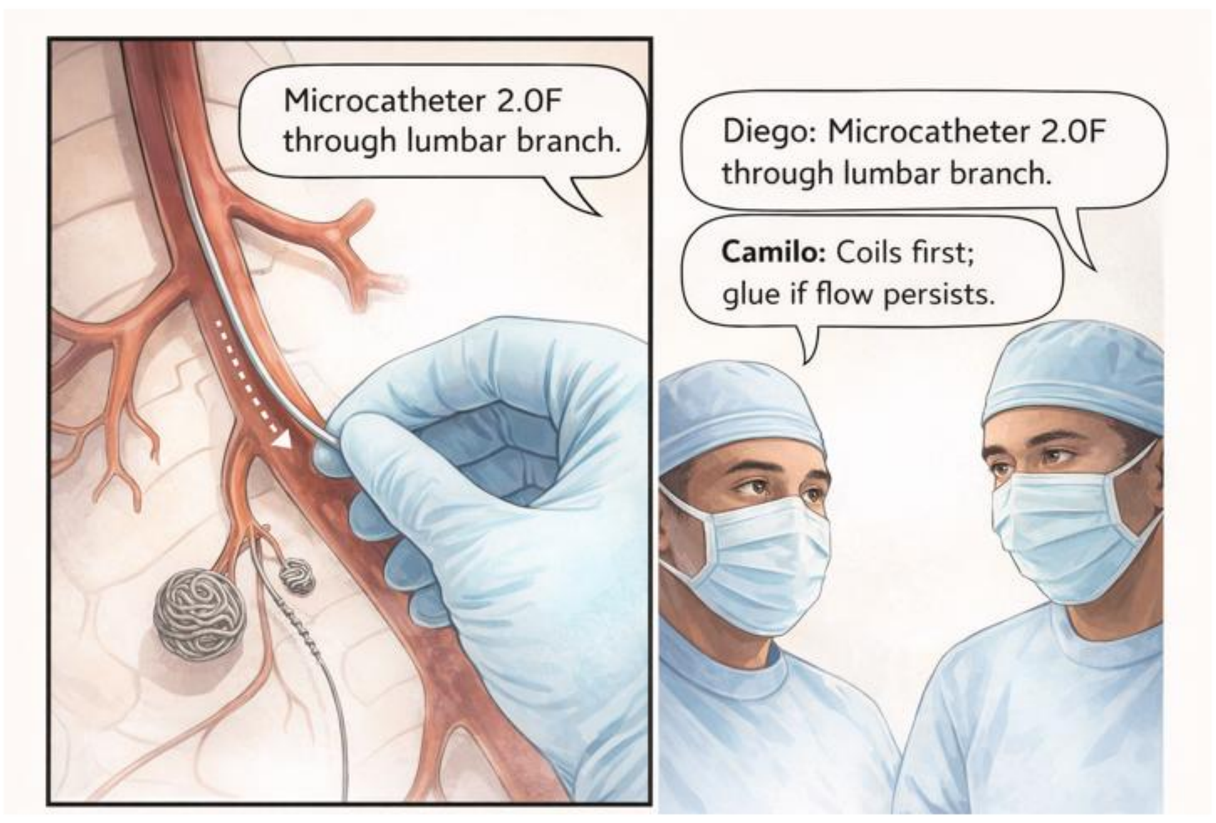

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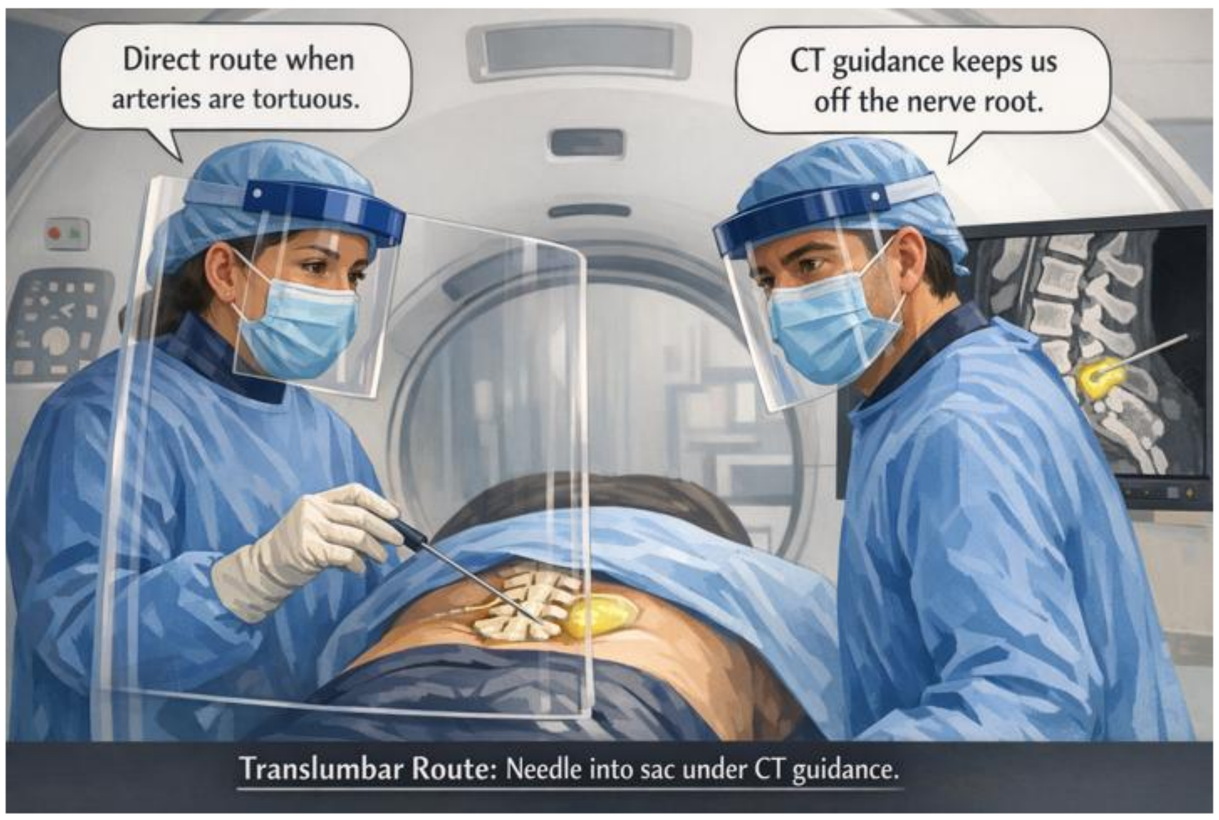
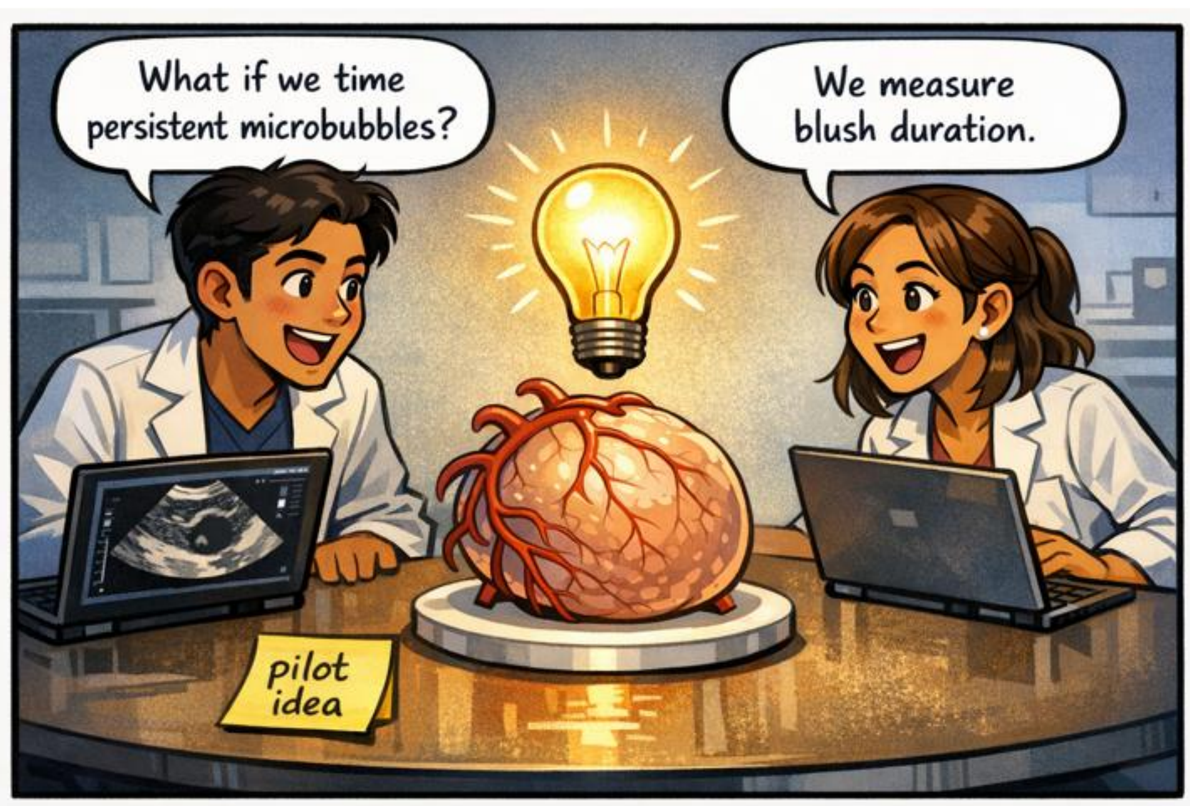
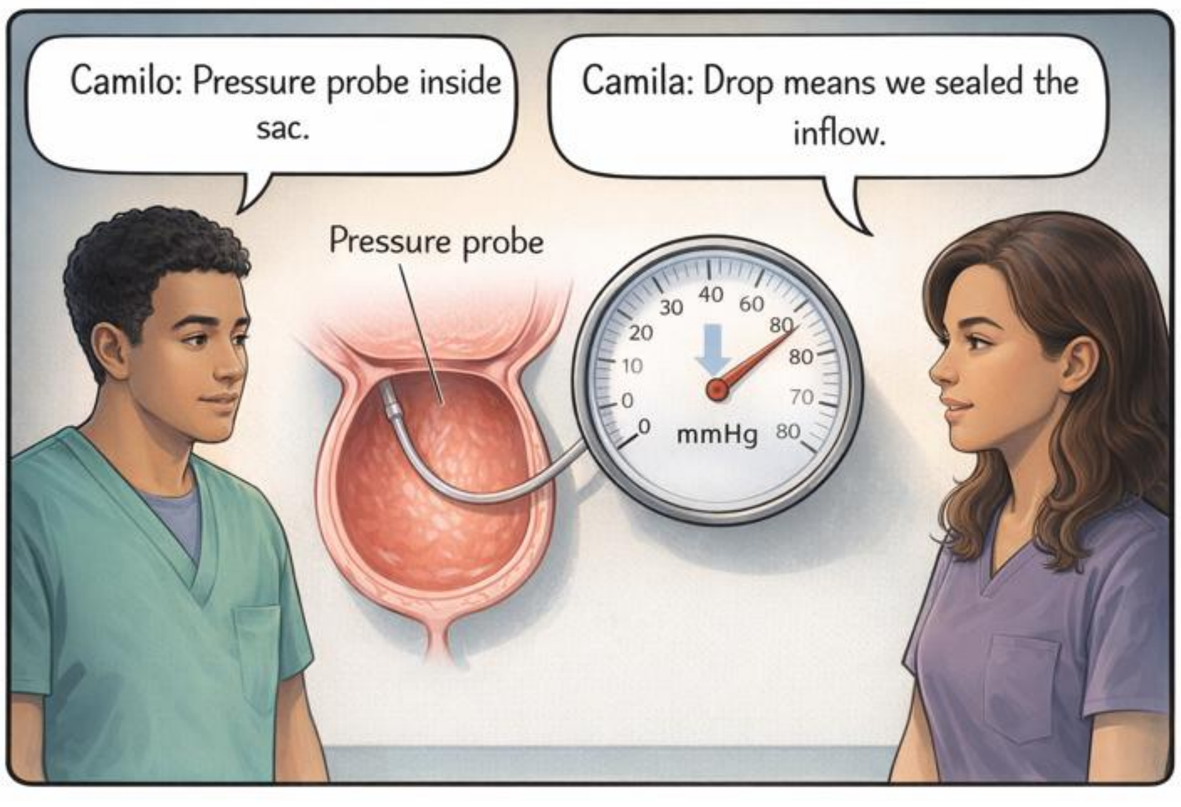


Translumbar Route: Needle into sac under CT guidance.



Panel 16- Dual-phase CTA overlay: Tabletsilder slider with colored overlay legend.

Arterial Phase Delayed Phase Blue and Purble



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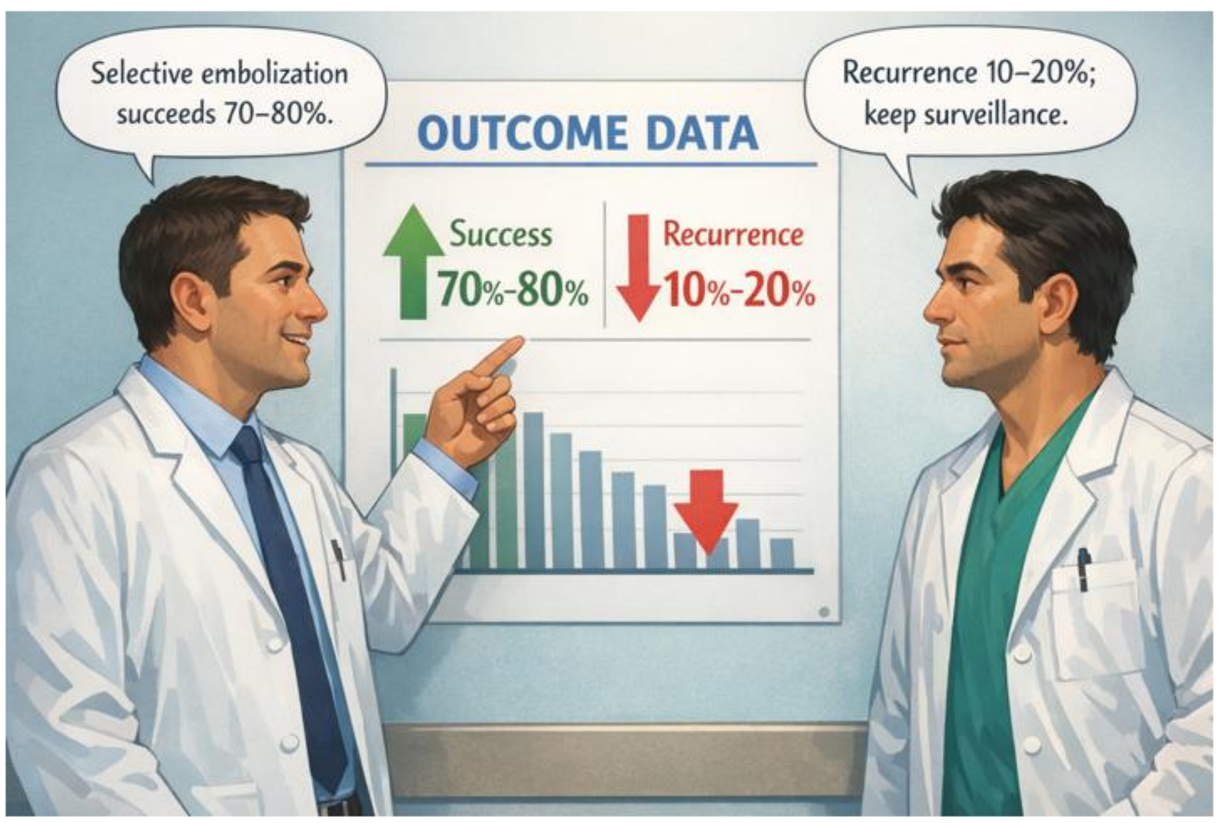

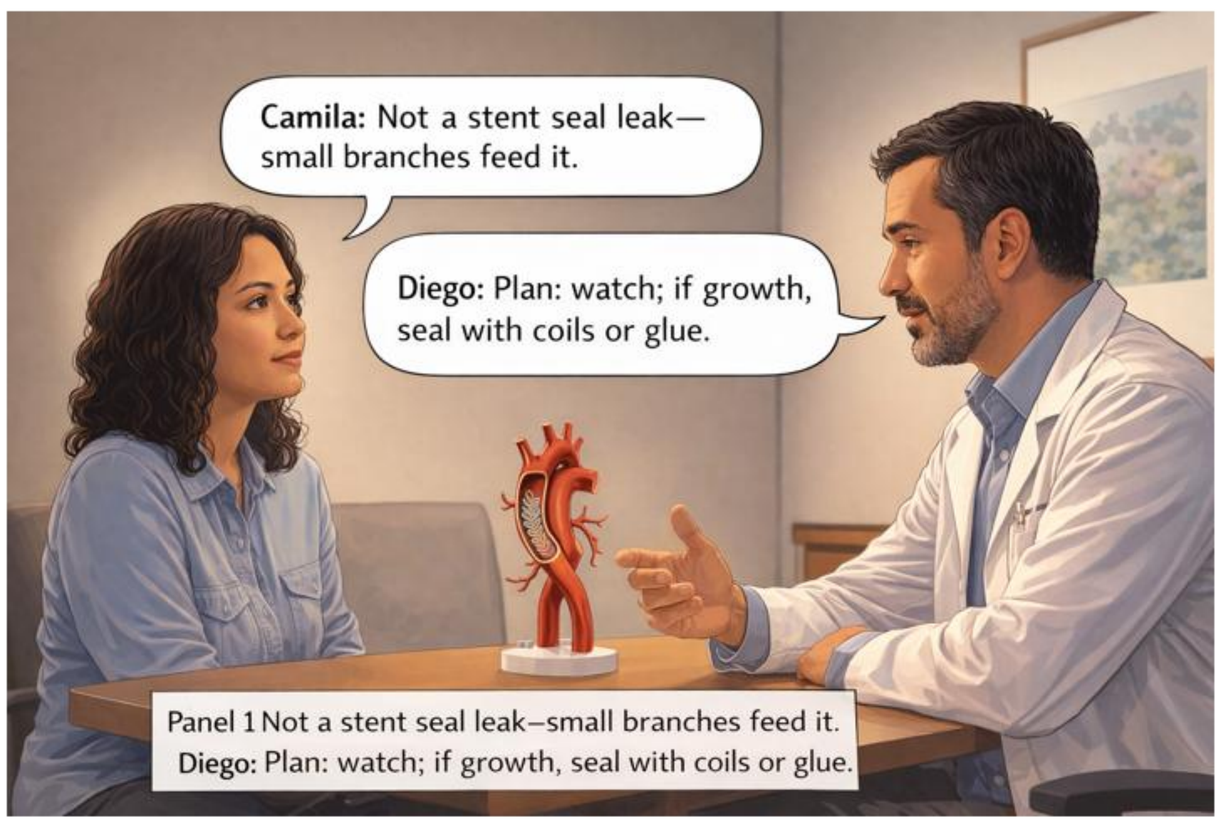

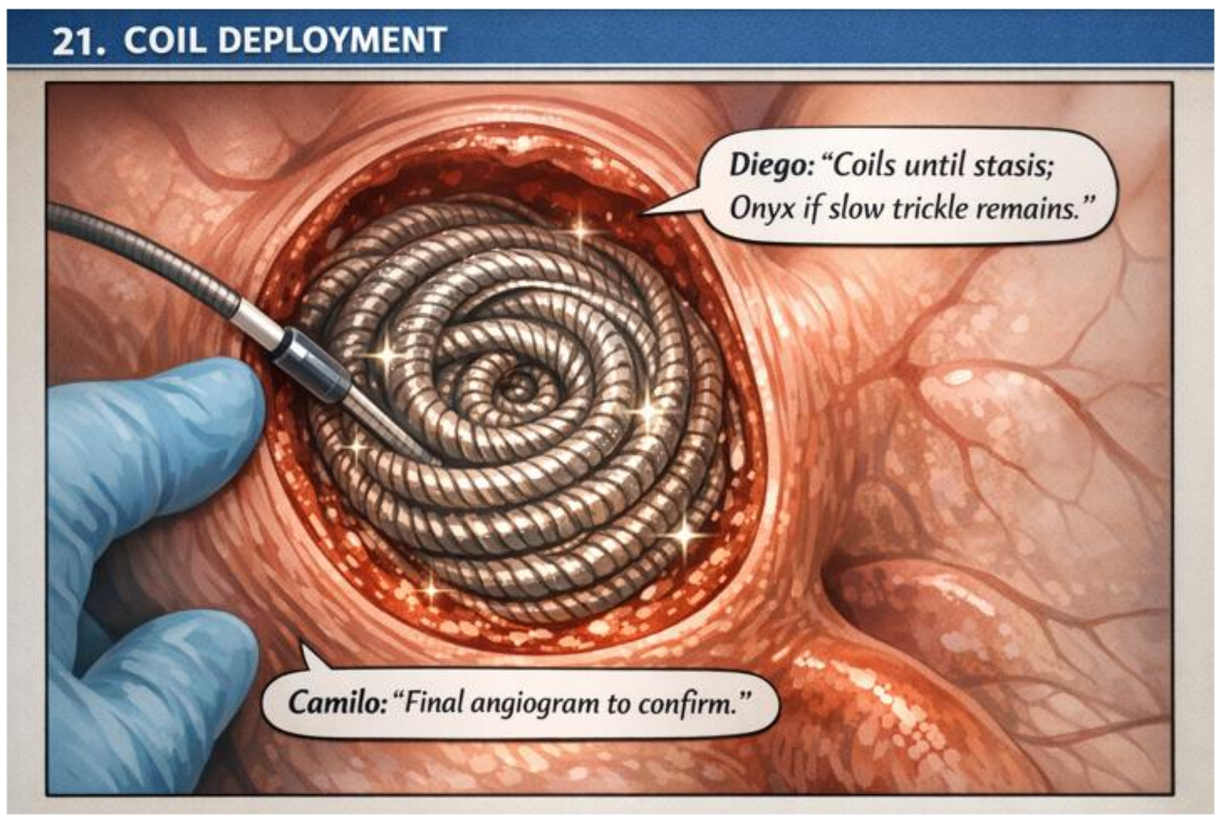

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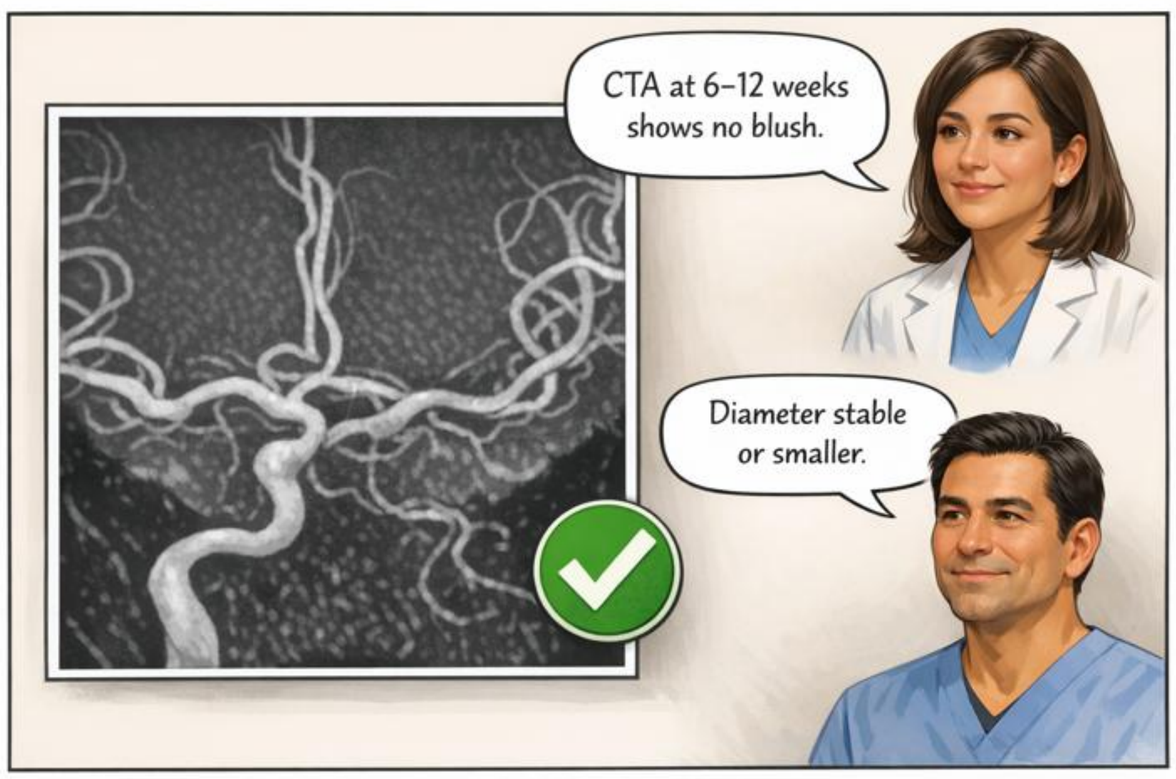

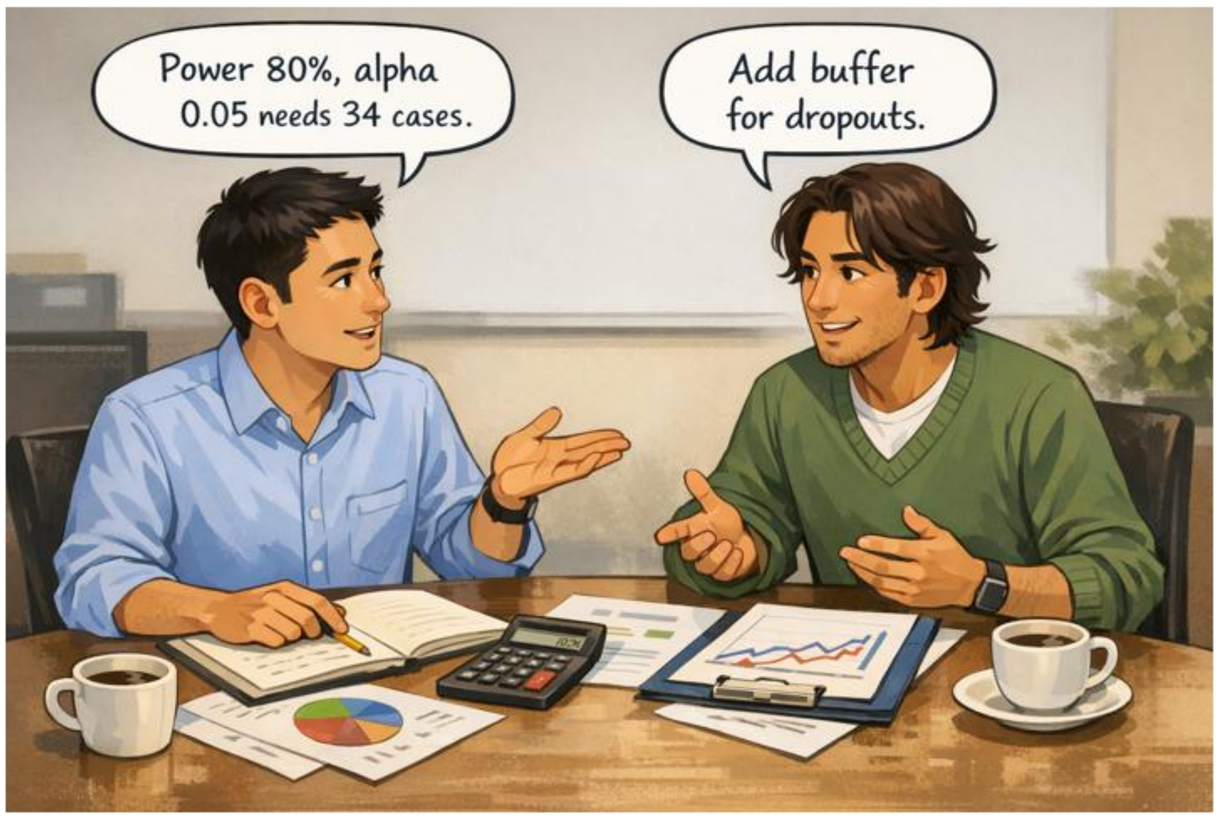

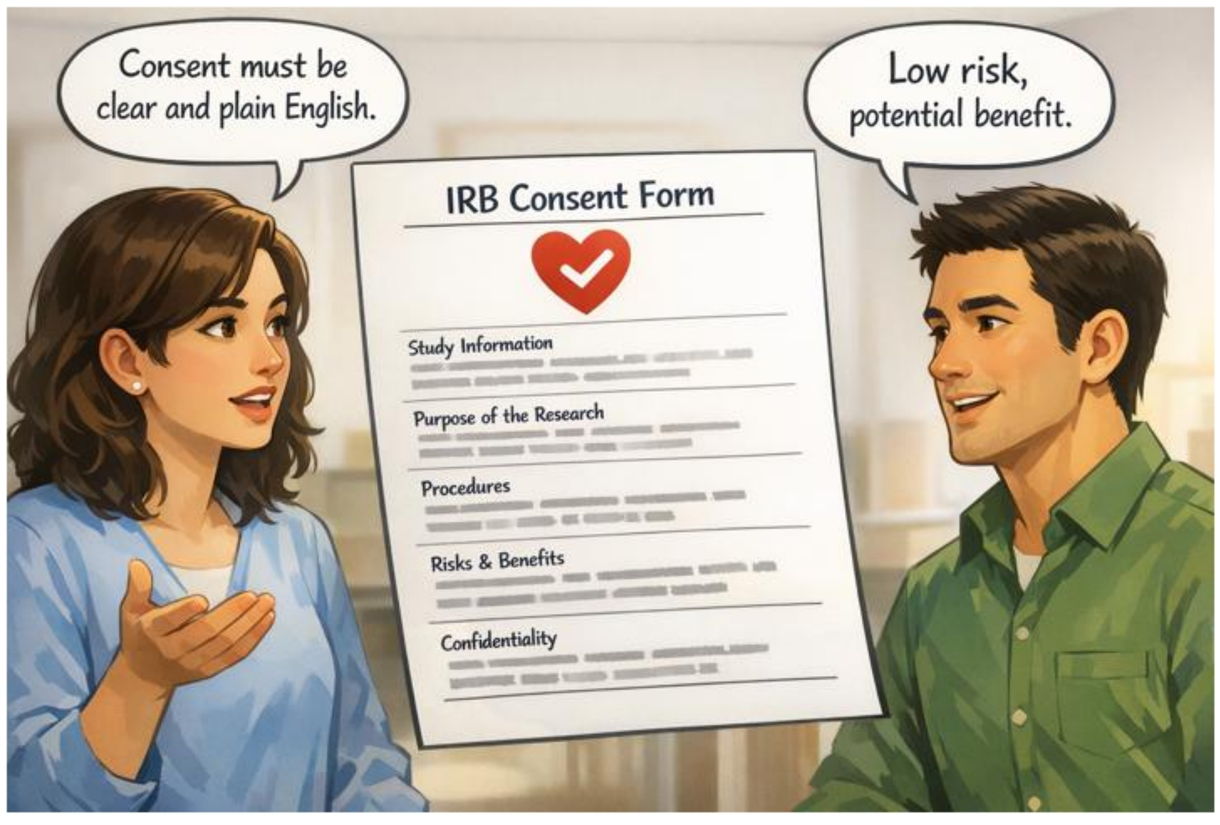

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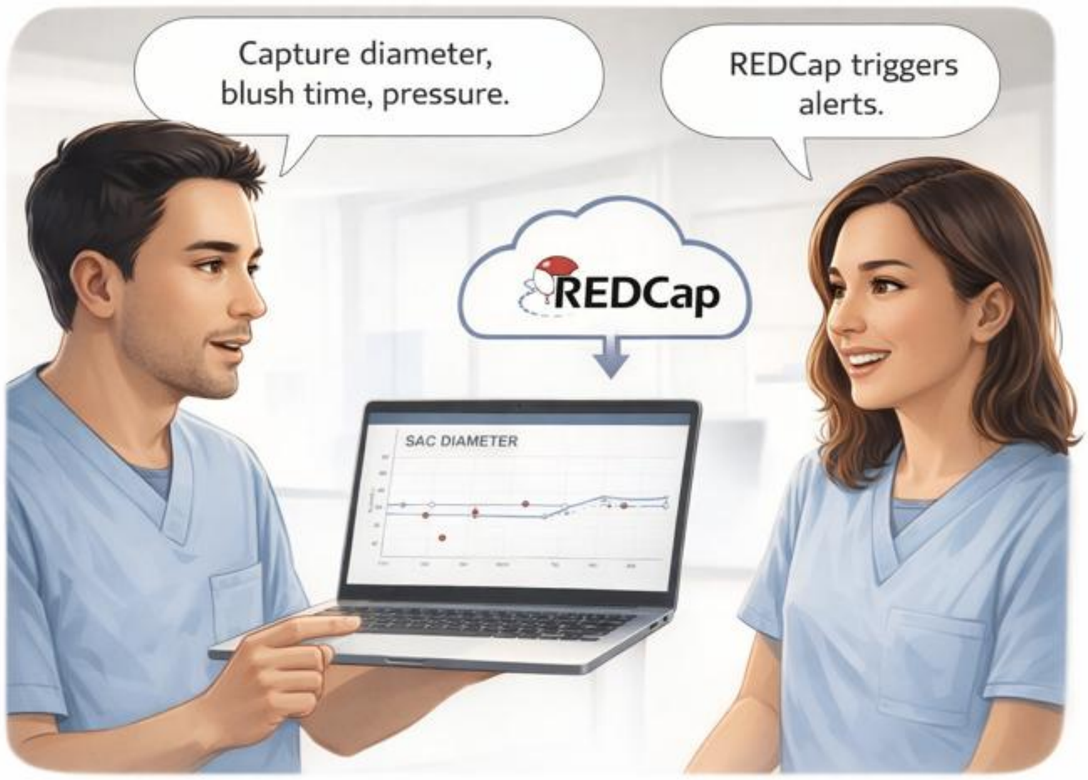

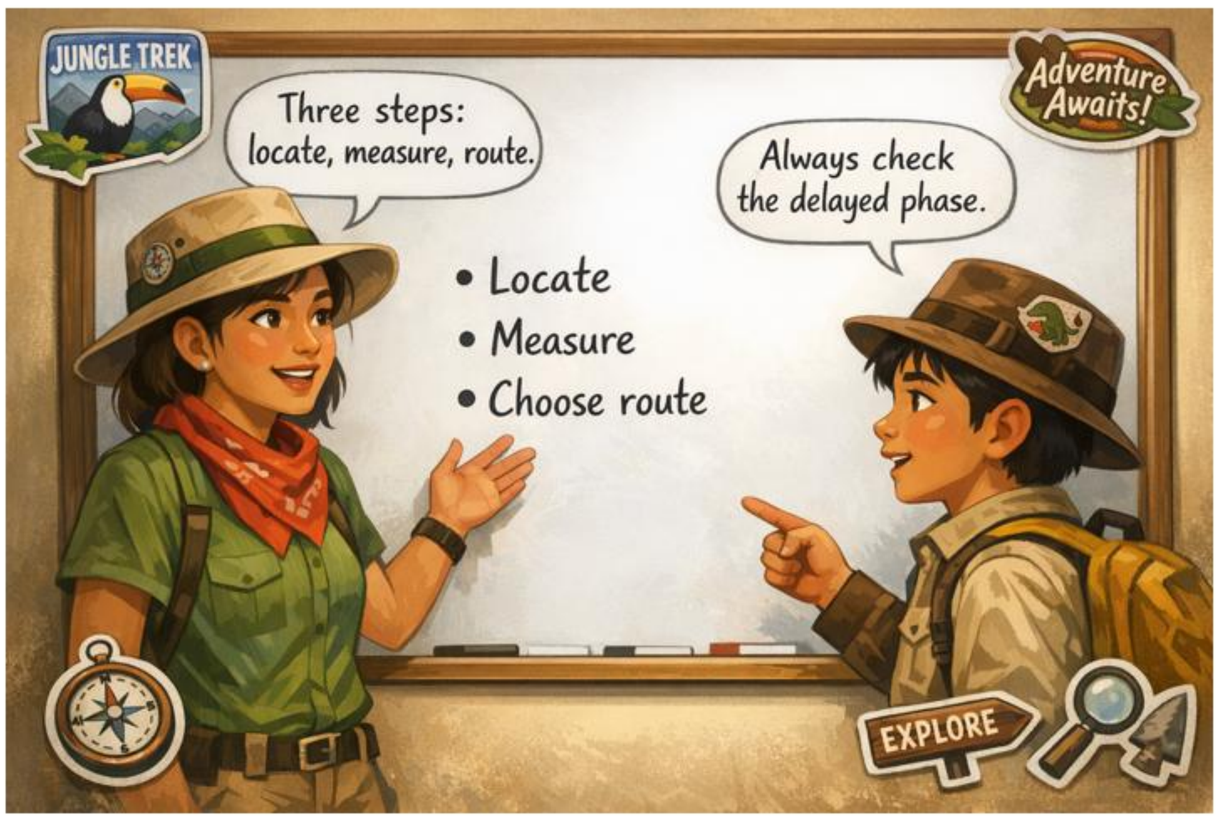

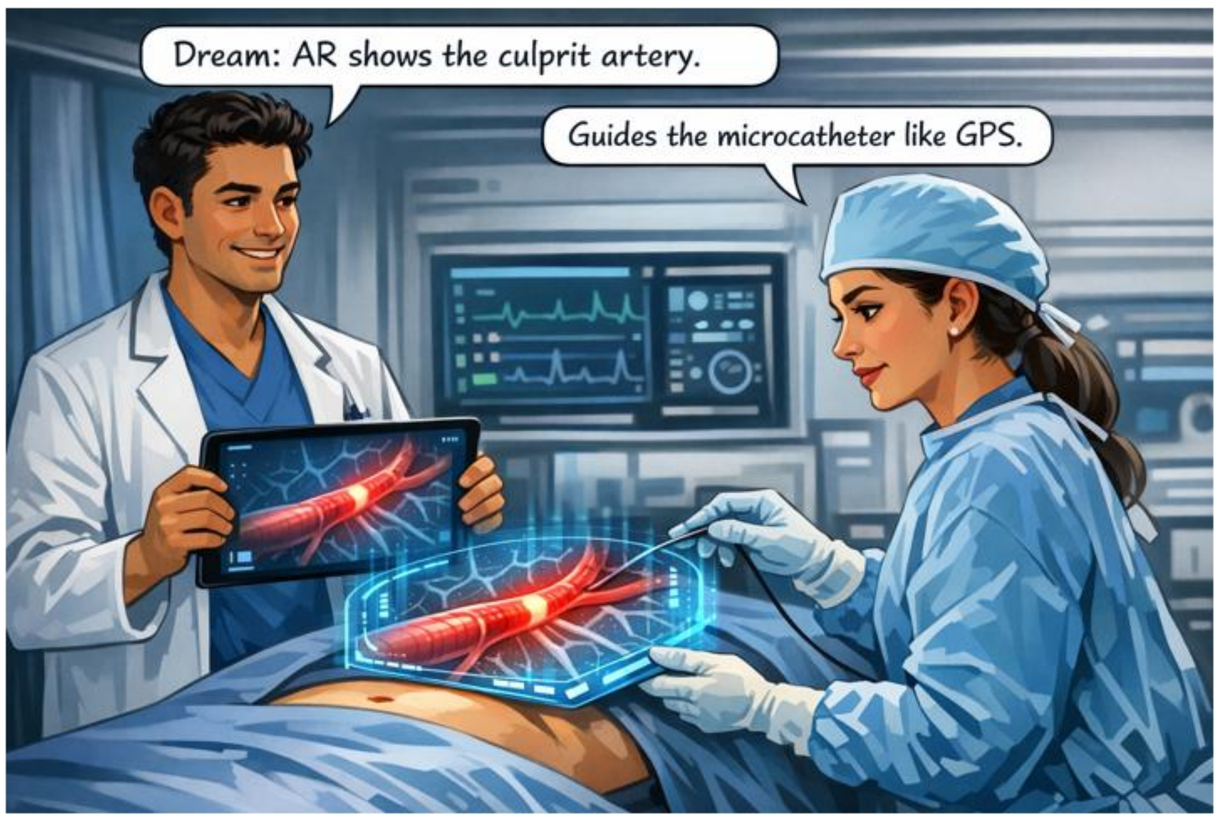

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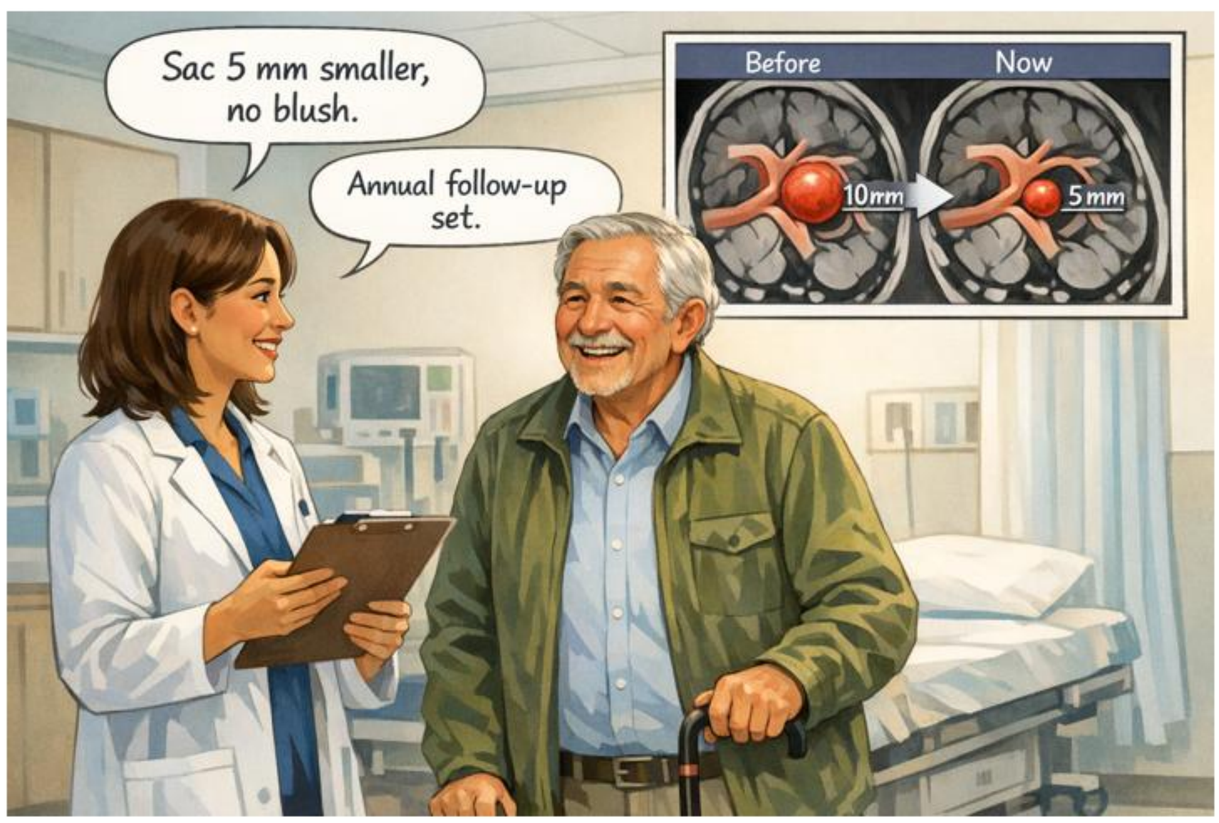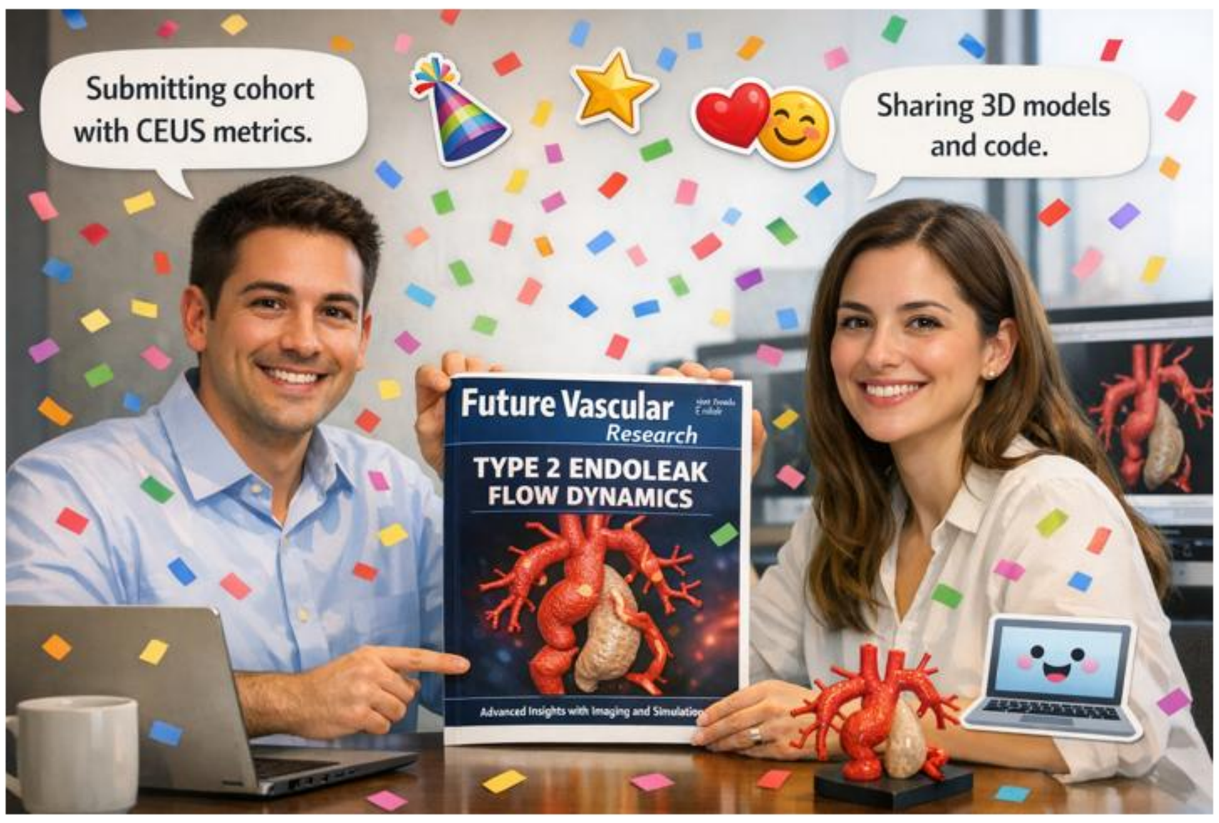
Wash-Out