The limitations of 2D imaging create challenges for cardiology fellows learning the basics of coronary angiography.

Using a 3D model to simulate a coronary angiogram outside the cath lab could shorten the learning curve and improve understanding of this essential procedure.

**Inject Dye into Coronary Artery**  
**Print 3D Model from Coronary CTA**

**Angiogram**  
**Shadowgram**

**Interested IM Residents**
- 2 Weeks Shadowgrams
- POP Quiz!
- Predictions

1. Name the View
2. Name the Artery
3. Optimize the View

**Interested Fellows**

With the help of coronary shadowgrams, IM residents ≥ cardiology fellows