



# CASO CLÍNICO



## *INSTITUTO NACIONAL DE CARDIOLOGIA*

Sergio Martins Leandro

Luiz Kohn

Marcelo Lemos

Gustavo Medeiros

# Caso

- ❖ I.D.: DMJT, 82 anos, sexo masculino, branco, natural e residente no Rio de Janeiro, aposentado, casado, católico.
- ❖ Q.P.: “Dor no peito”
- ❖ H.D.A.: Refere que iniciou há cerca de 10 dias quadro de desconforto precordial caracterizado como “aperto” relacionado a esforços, negando irradiação e referindo alívio com poucos minutos de repouso. Avaliado pelo seu médico assistente que orientou internação hospitalar para estratificação adequada.

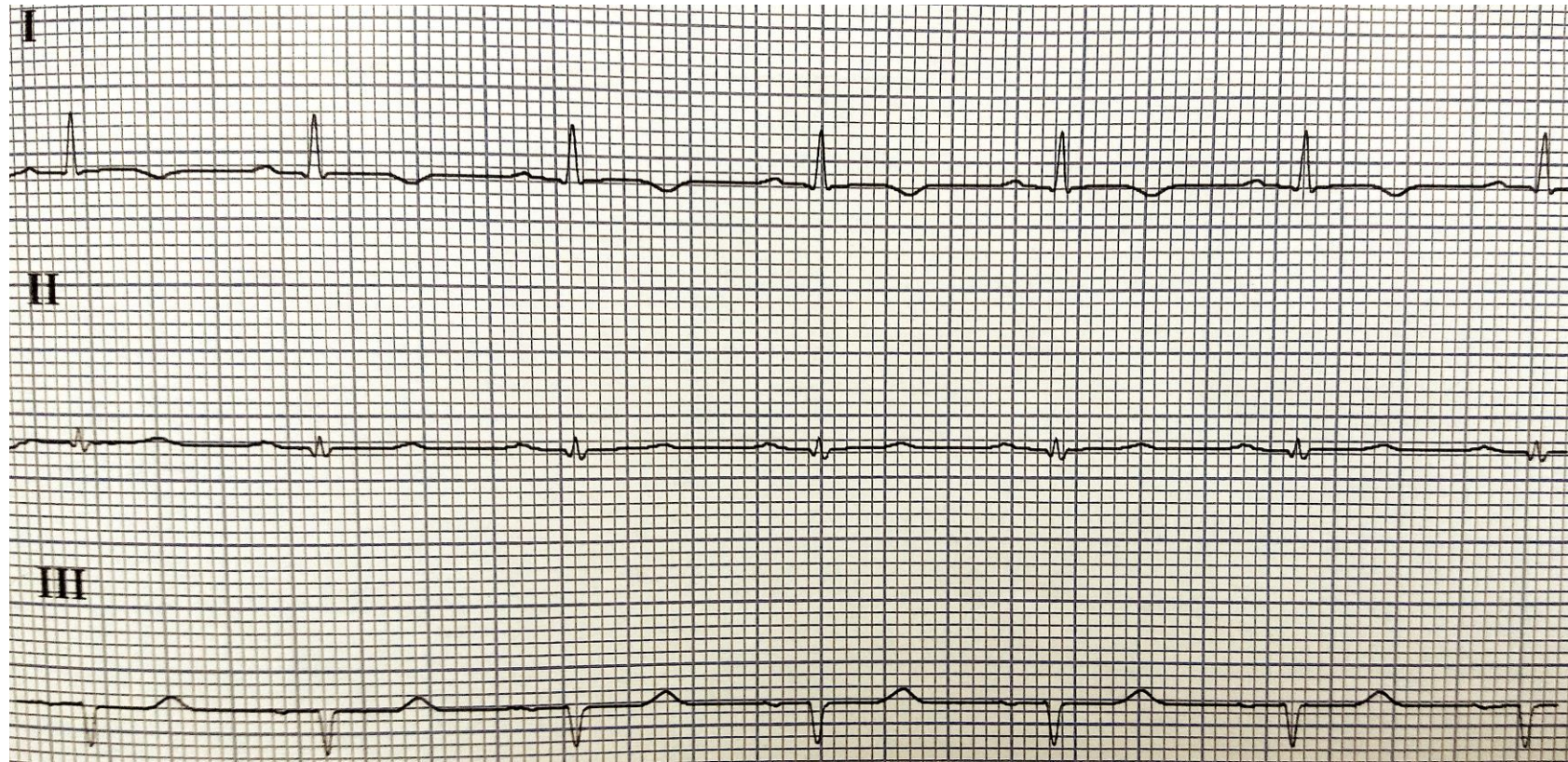
- ❖ **H.P.P.:** Hipertenso, dislipidêmico, ex-tabagista (28 m.a., abstêmico há 35 anos).
- ❖ Em uso regular de: atenolol 25 mg 2x/dia; captopril 12,5 mg 3x/dia; sinvastatina 40 mg 1x/dia, ácido acetilsalicílico 100 mg 1x/dia.
- ❖ H. Familiar: Negativa para DAC precoce.
- ❖ H. Social: Reside com a esposa e filha, bom suporte familiar, realiza atividades domésticas simples. Cognição preservada.

# Exames Admissioais

Hb / Htc	13,1 / 39%
Leucócitos	8.400
Plaquetas	190.000
Creatinina (ClCr)	1,3 (56,4 mL/min)
Ureia	38
Na	137
K	3,9
Glicose / Hb1ac	98 / 5,7
Colesterol total / LDL / Trig.	202 / 128 / 170
Troponina	< 0,05

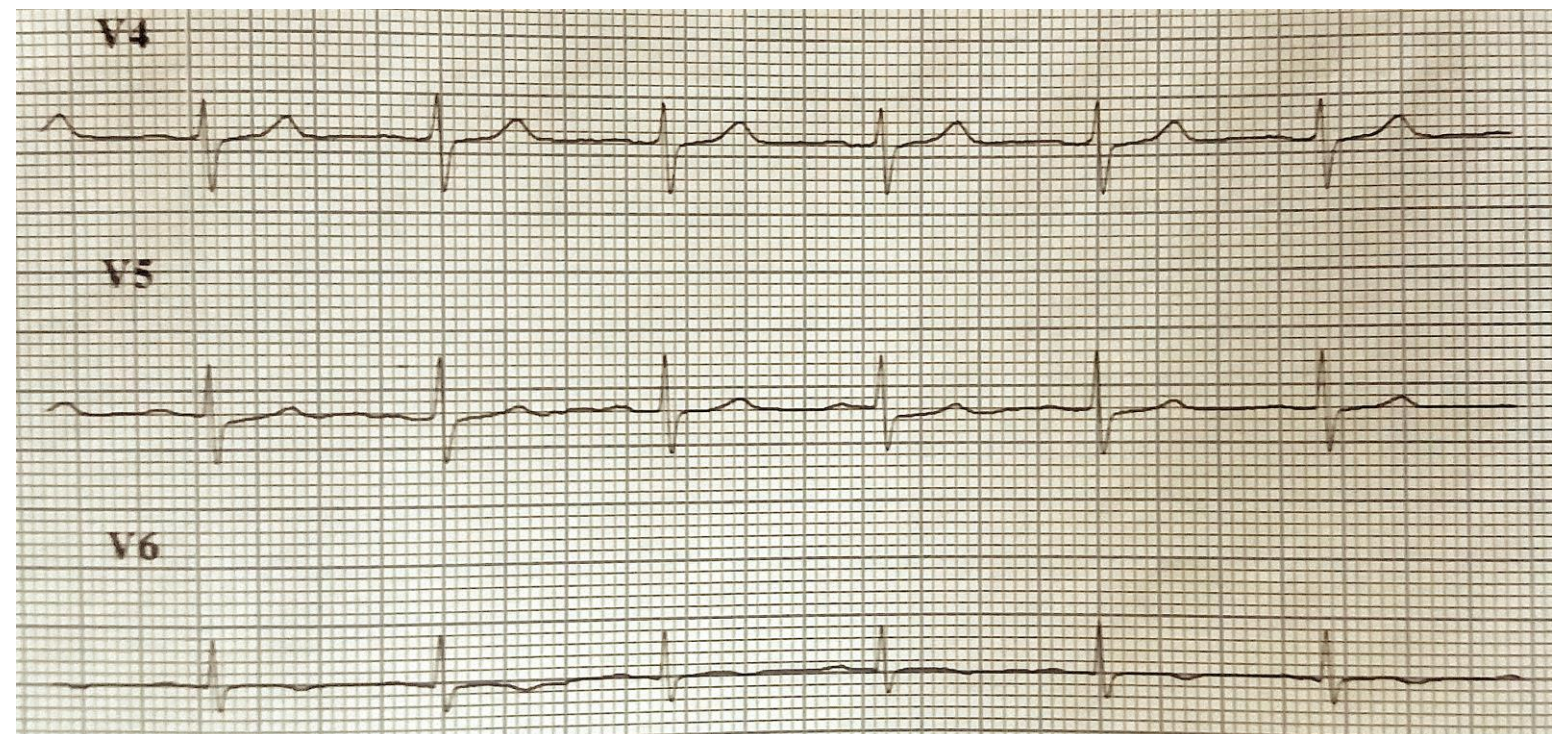
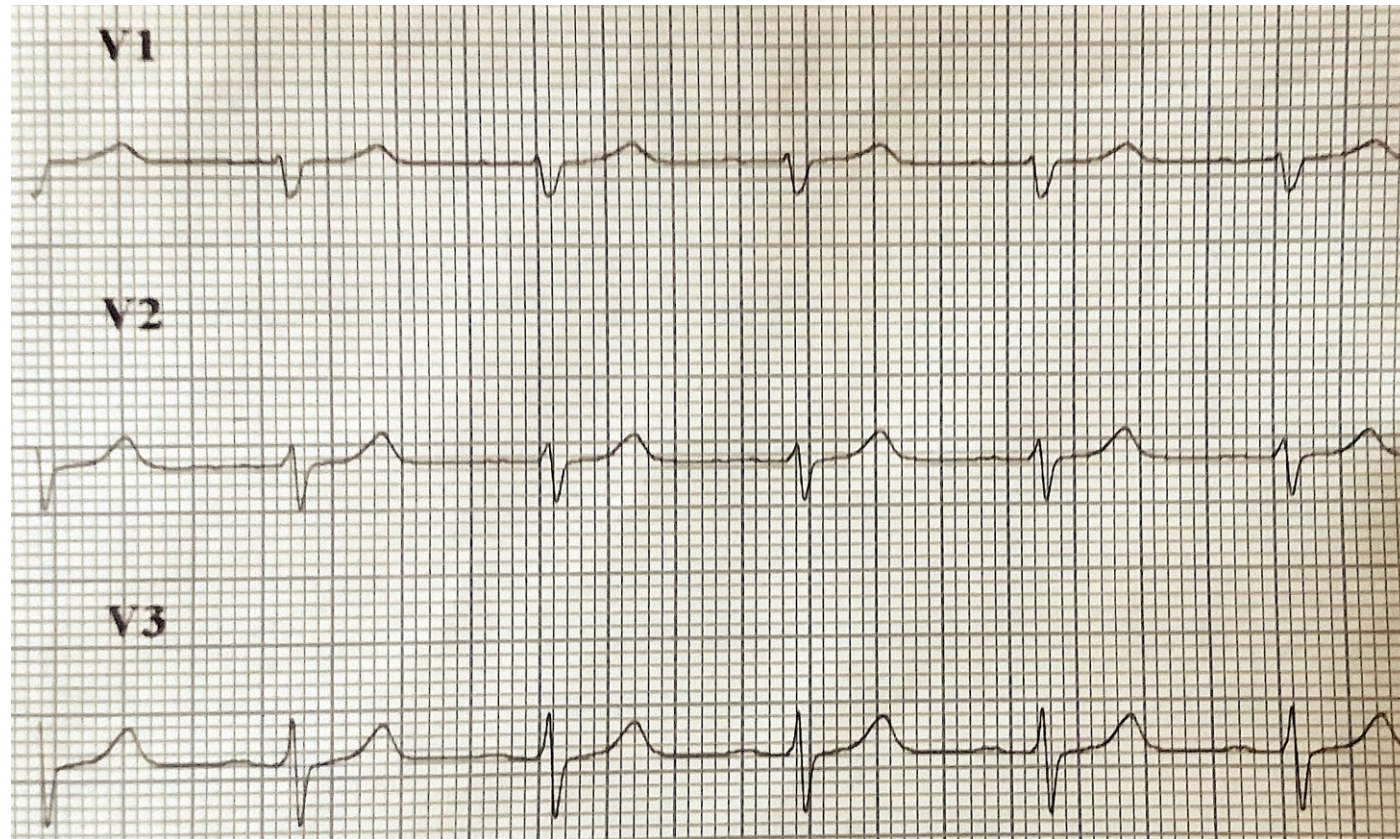


# ELETROCARDIOGRAMA





# ELETROCARDIOGRAMA





# Estratificações Anteriores



INST. NACIONAL DE CARDIOLOGIA

Rua das Laranjeiras, 374 - Rio de Janeiro - RJ

(21) 2285-3344

## Teste Ergométrico

Exame: 8699

Nome: [REDACTED]

Data: 22/10/2015 Pront.: [REDACTED]

### Laudo

#### Eletrocardiograma no repouso (posição ortostática):

Ritmo sinusal. Alterações difusas e inespecíficas da repolarização ventricular.

#### Variáveis Clínicas:

O paciente apresentou boa adaptação ao ergômetro, esteira rolante.  
Os sintomas referidos foram próprios do esforço realizado.  
Teste realizado sem sintomas e interrompido devido à cansaço físico.

#### Variáveis Hemodinâmicas e Autonômicas:

Mobilização da reserva cronotrópica deficitária ao esforço realizado, estando em uso de  $\beta$ -bloqueador.  
A elevação da pressão arterial foi adequada ao esforço realizado, tendo iniciado com os níveis basais normais.  
Inadequada atividade autonômica inferida pela queda da frequência cardíaca no primeiro minuto da recuperação.

#### Variáveis metabólicas:

Teste realizado sob protocolo em Rampa, utilizando a fórmula do ACSM com correção pela equação de Foster com apoio das mãos.  
A capacidade funcional de exercício foi considerada regular/boa (6,67 MET's).

#### Eletrocardiograma no esforço e na recuperação:

Ausência de alterações significativas da repolarização ventricular em relação ao repouso.  
Ausência de arritmias significativas ou de distúrbios da condução.

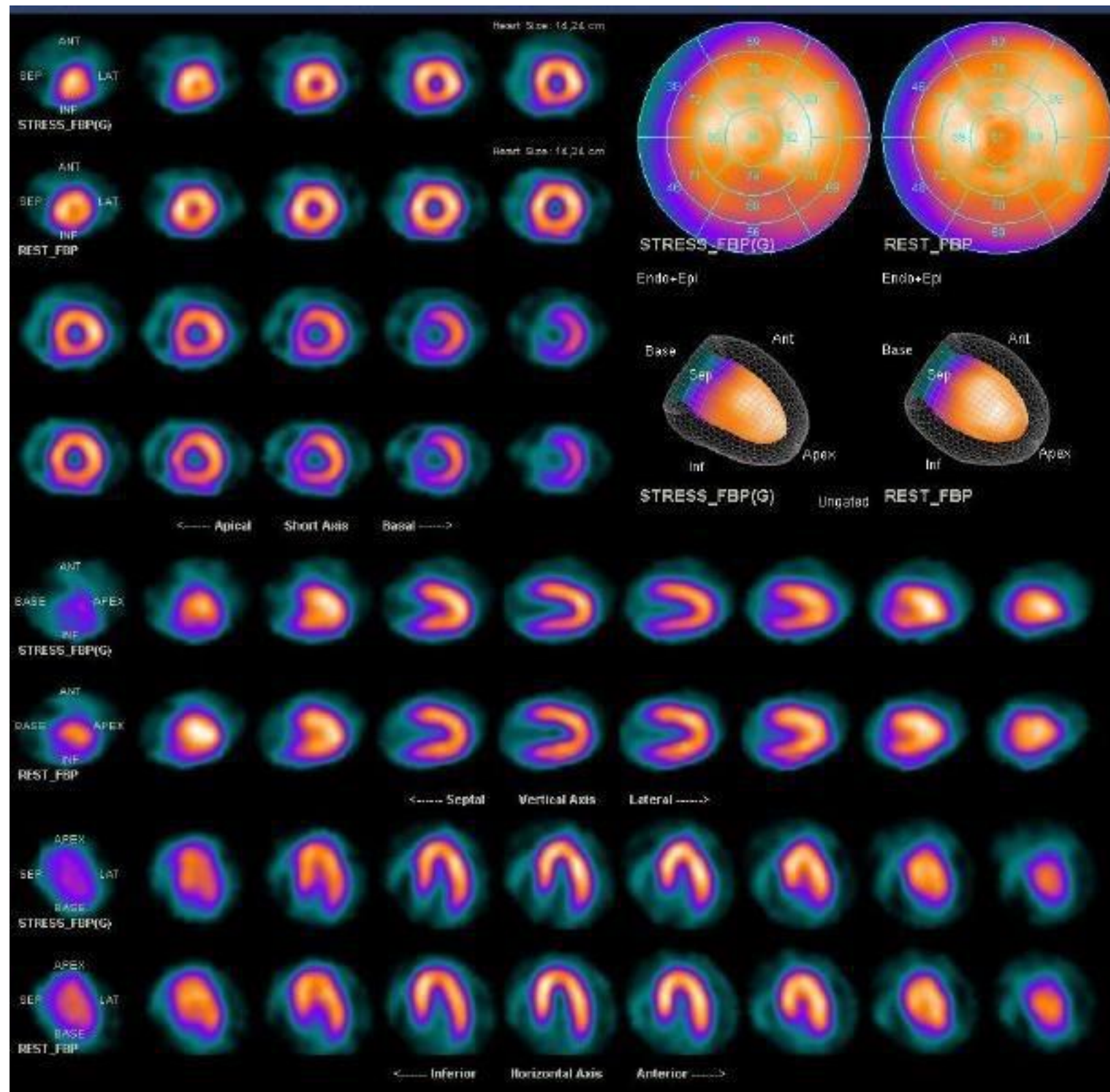
#### Conclusão:

Teste com respostas clínica, inotrópica, e eletrocardiográfica adequadas ao exercício realizado, até a frequência cardíaca alcançada.  
Presença de incompetência cronotrópica por provável ação farmacológica.  
Classe funcional I da New York Heart Association.  
Ausência de critérios para isquemia miocárdica até o VO<sub>2</sub> alcançado.

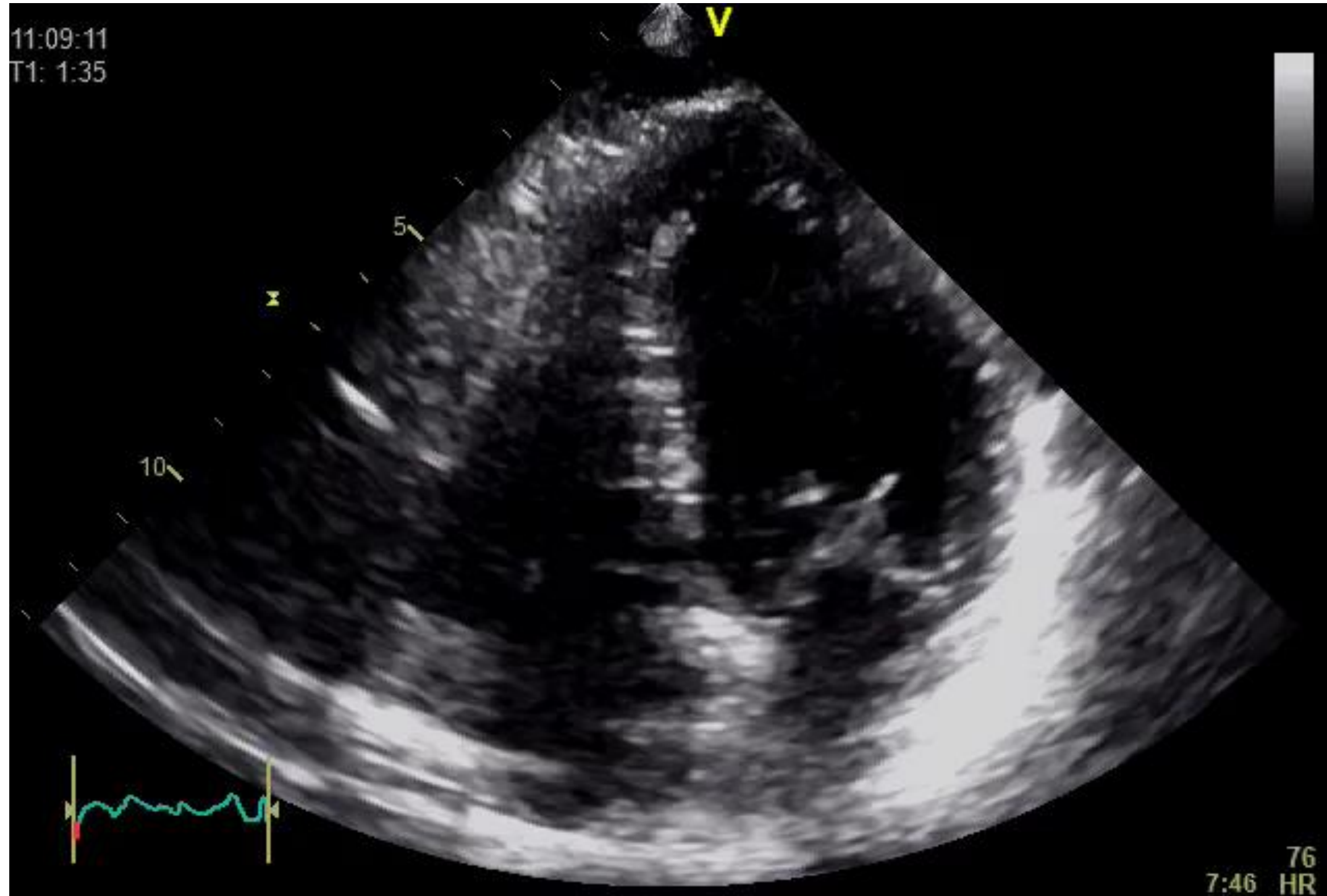
Medida	Avaliado	Previsto
FC máxima [bpm]	102	138
Débito Cardíaco [l/min]	13,15	12,56
Débito Sistólico [ml/sist]	128,89	82,23
DP máximo [bpm mmHg]	17340	31571
MET máximo [MET]	6,67	6,09

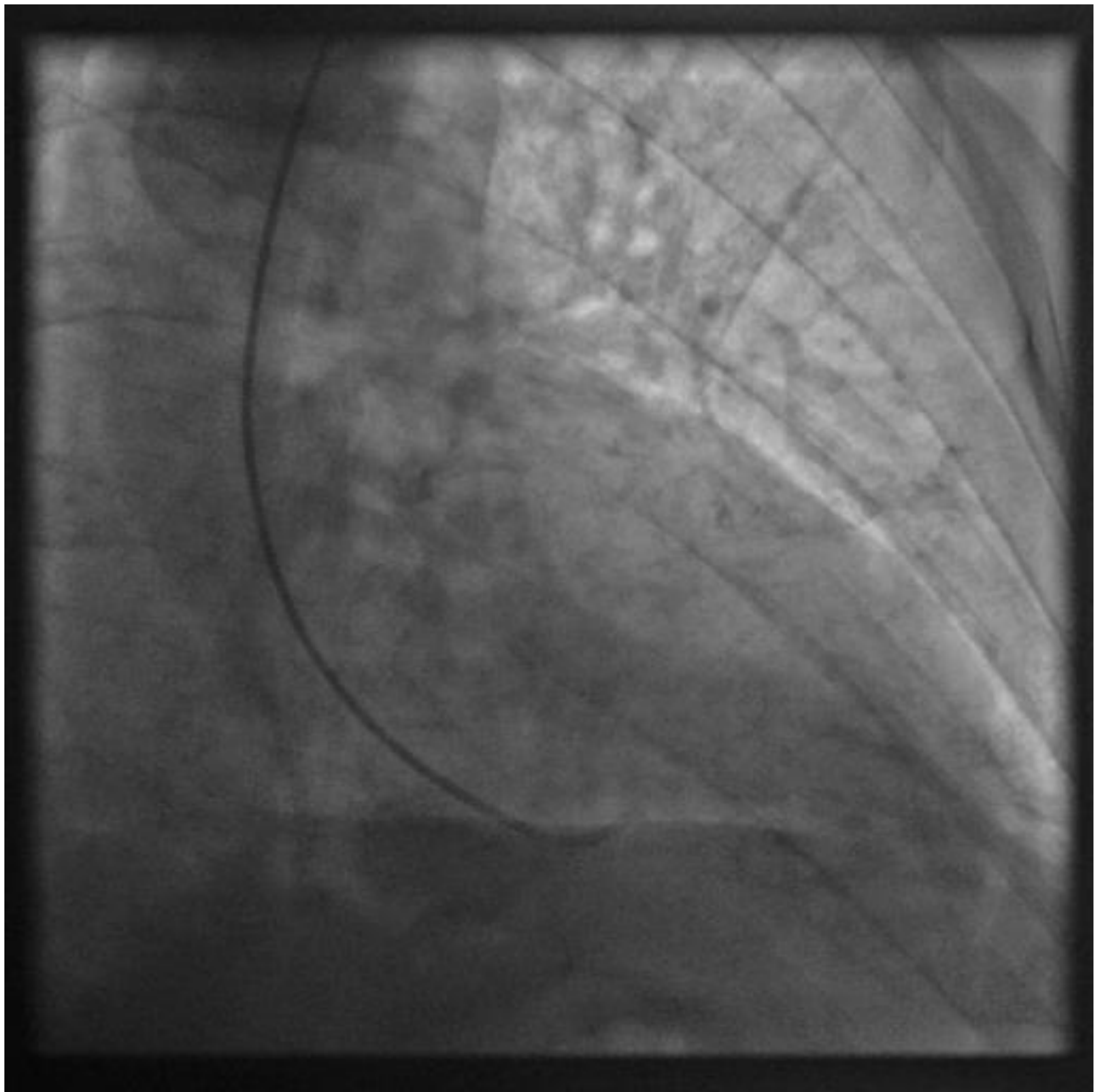


# Cintilografia Miocárdica



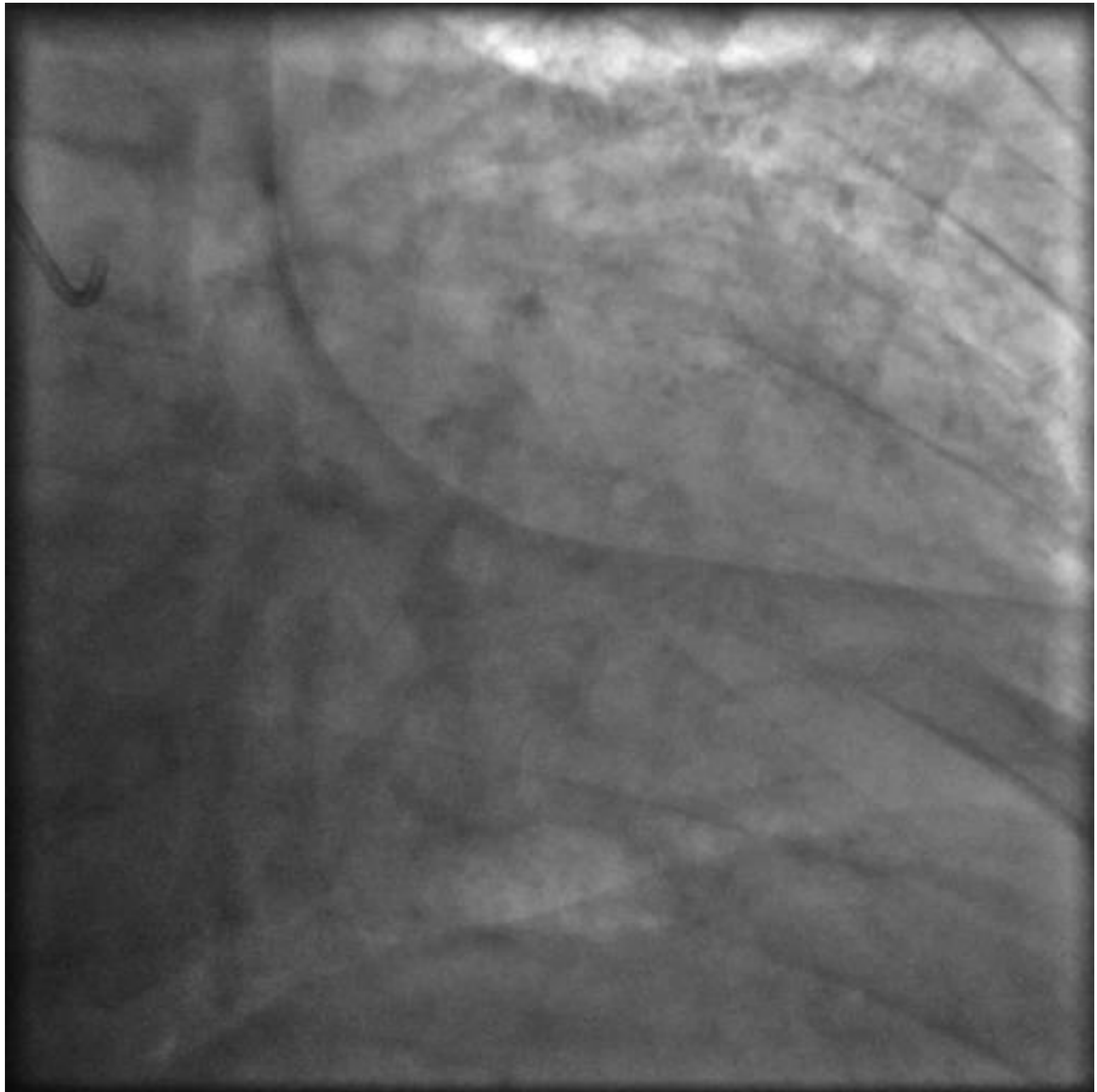
# Echocardiograma

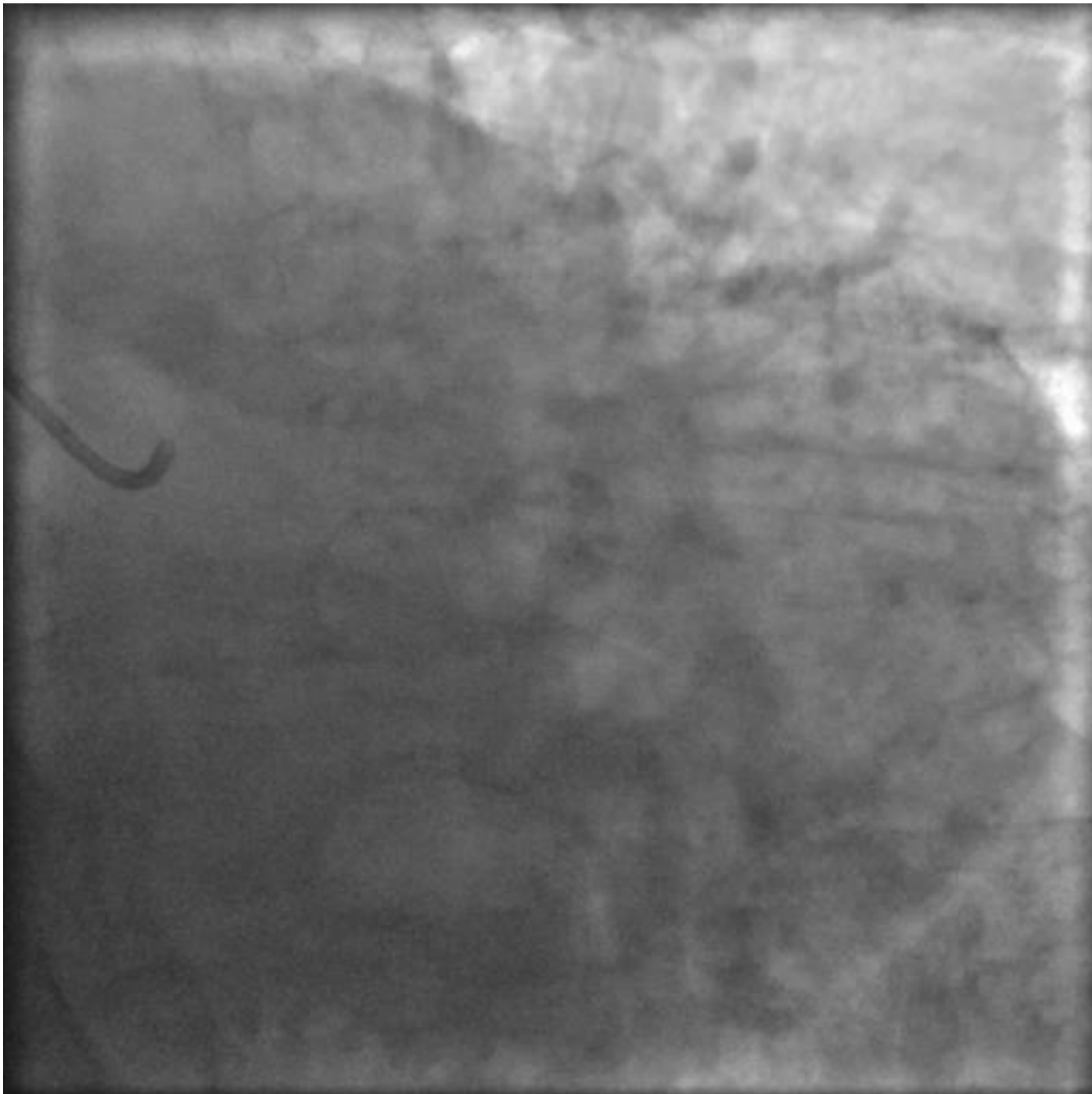


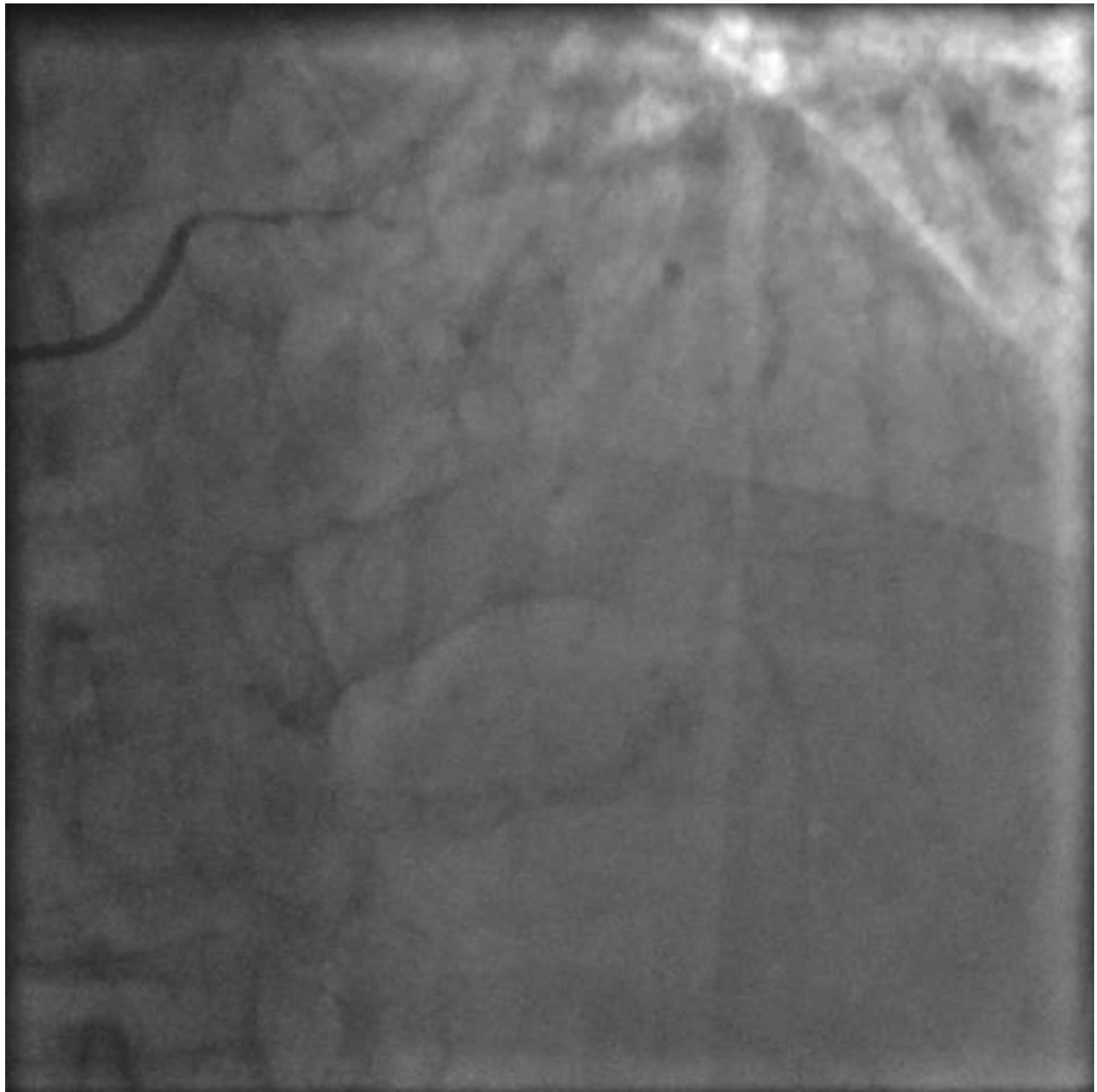




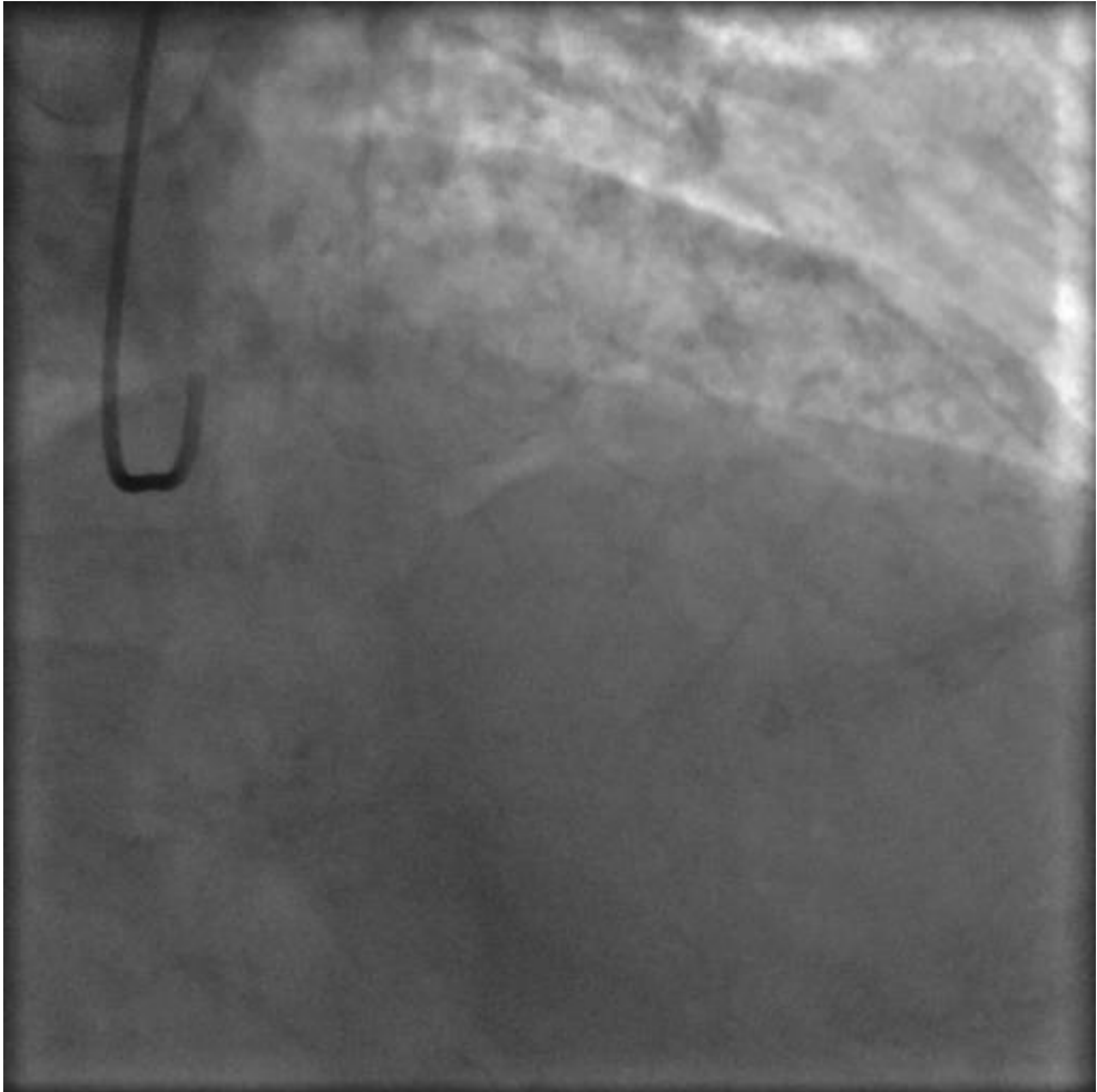


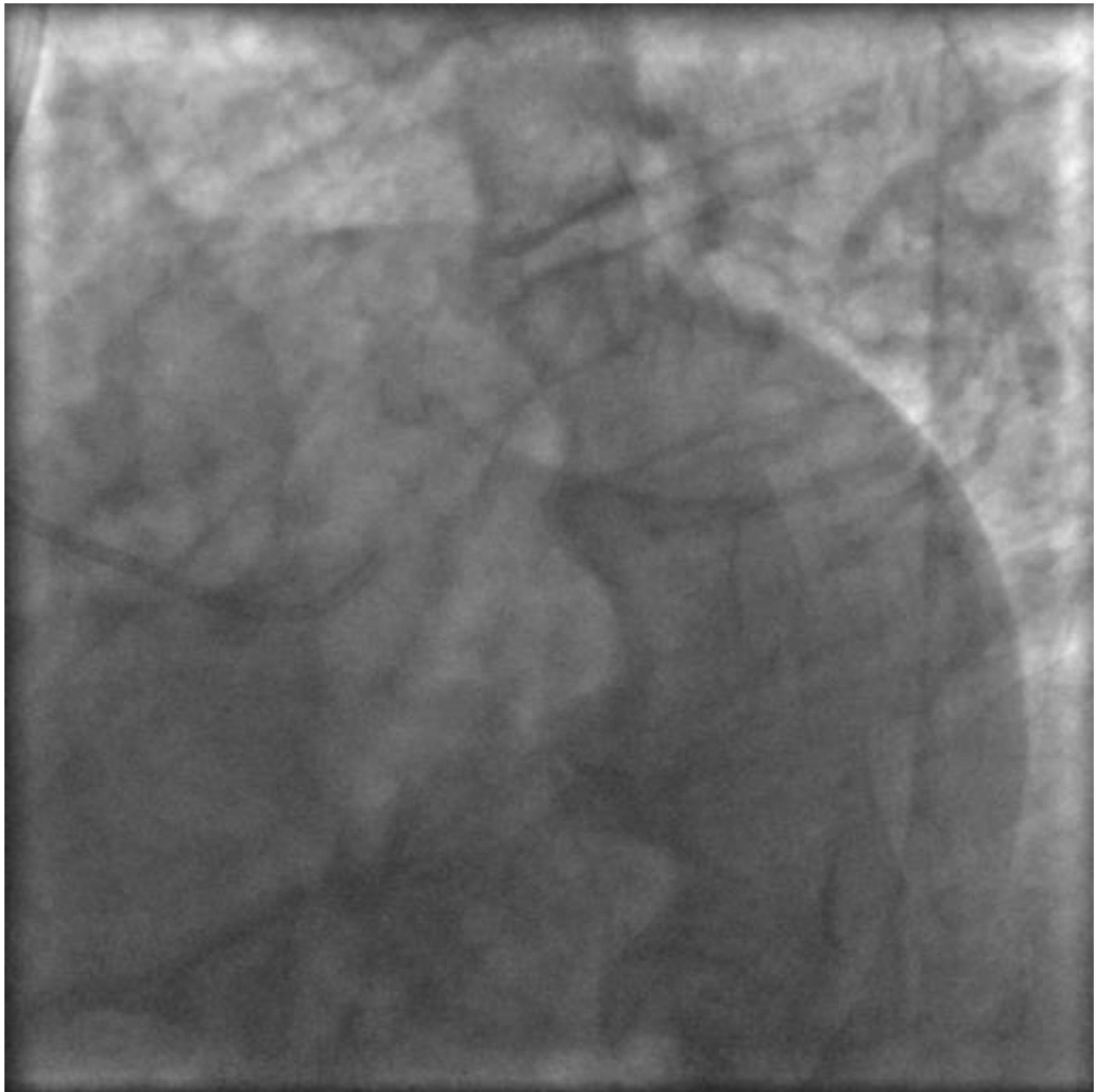








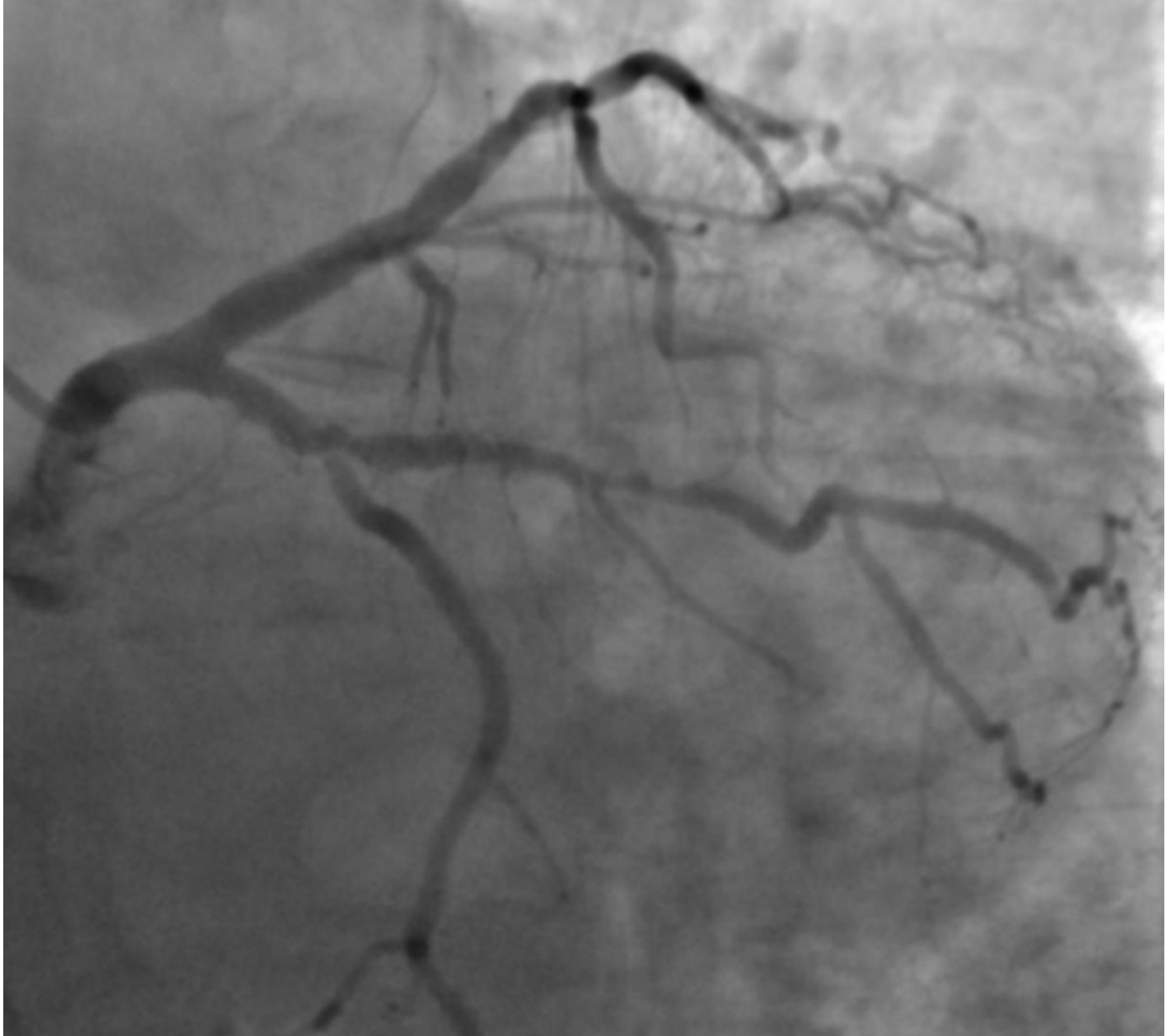




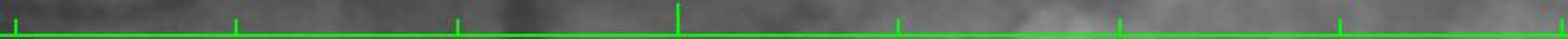


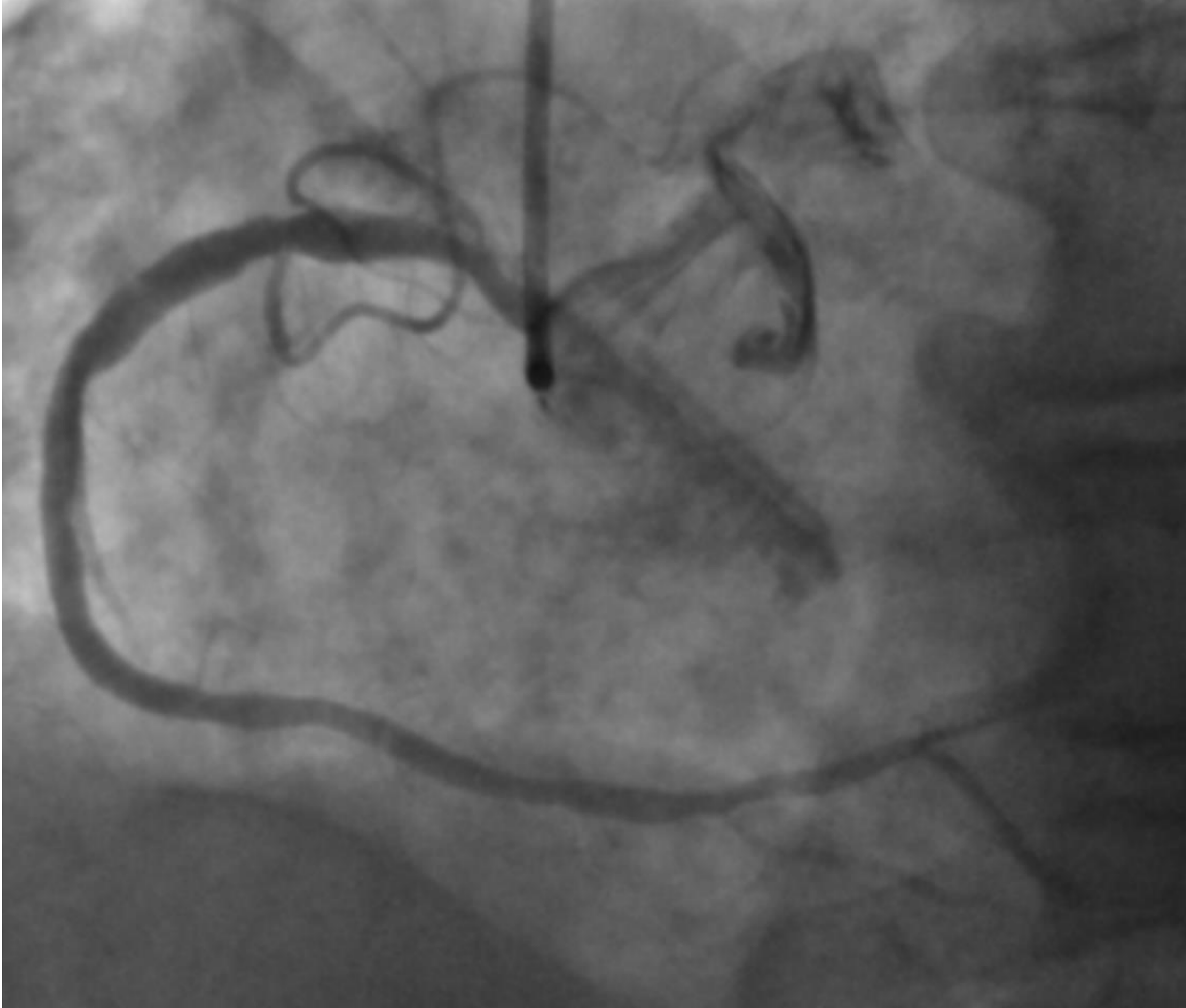
Prediction

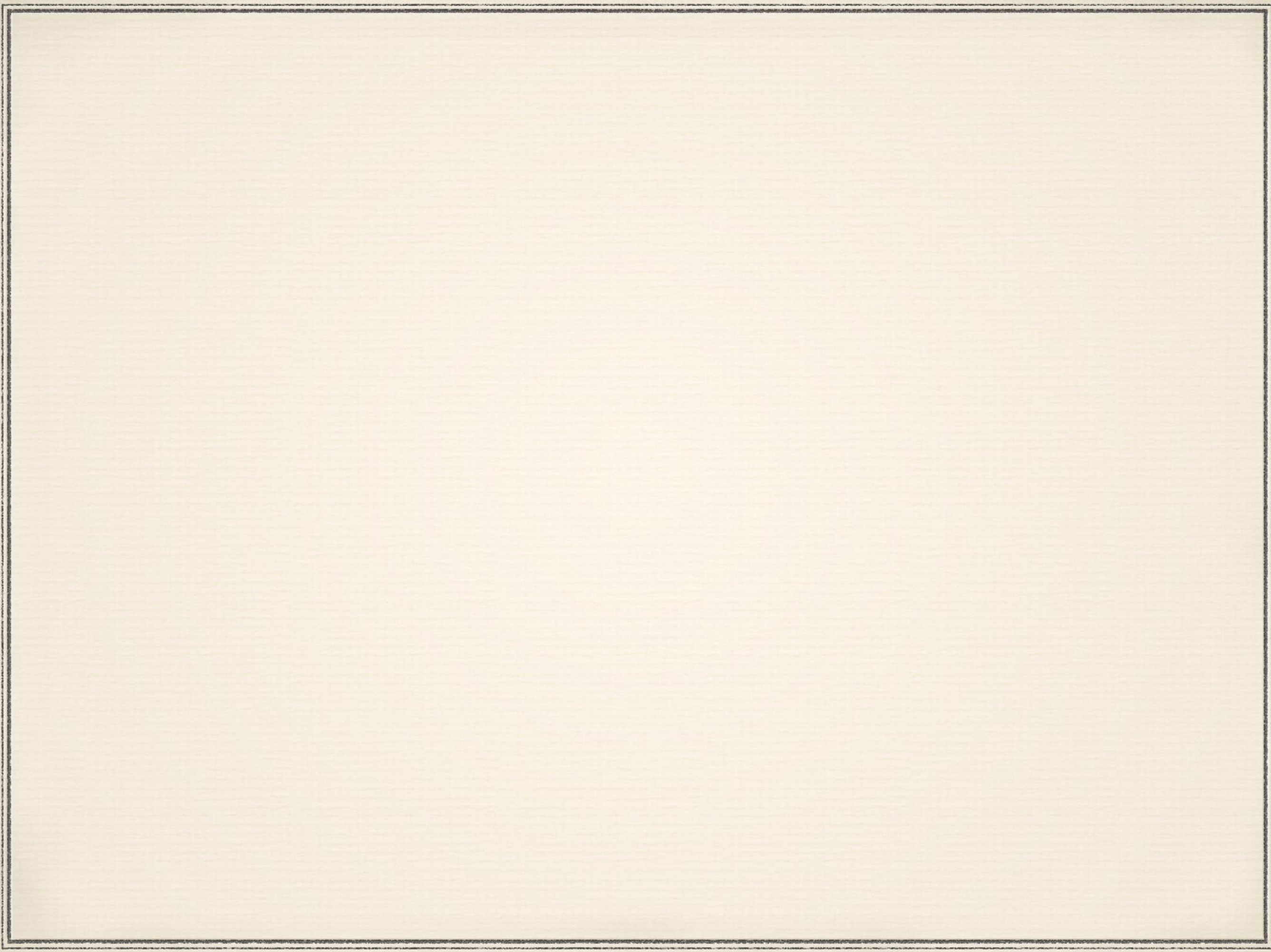




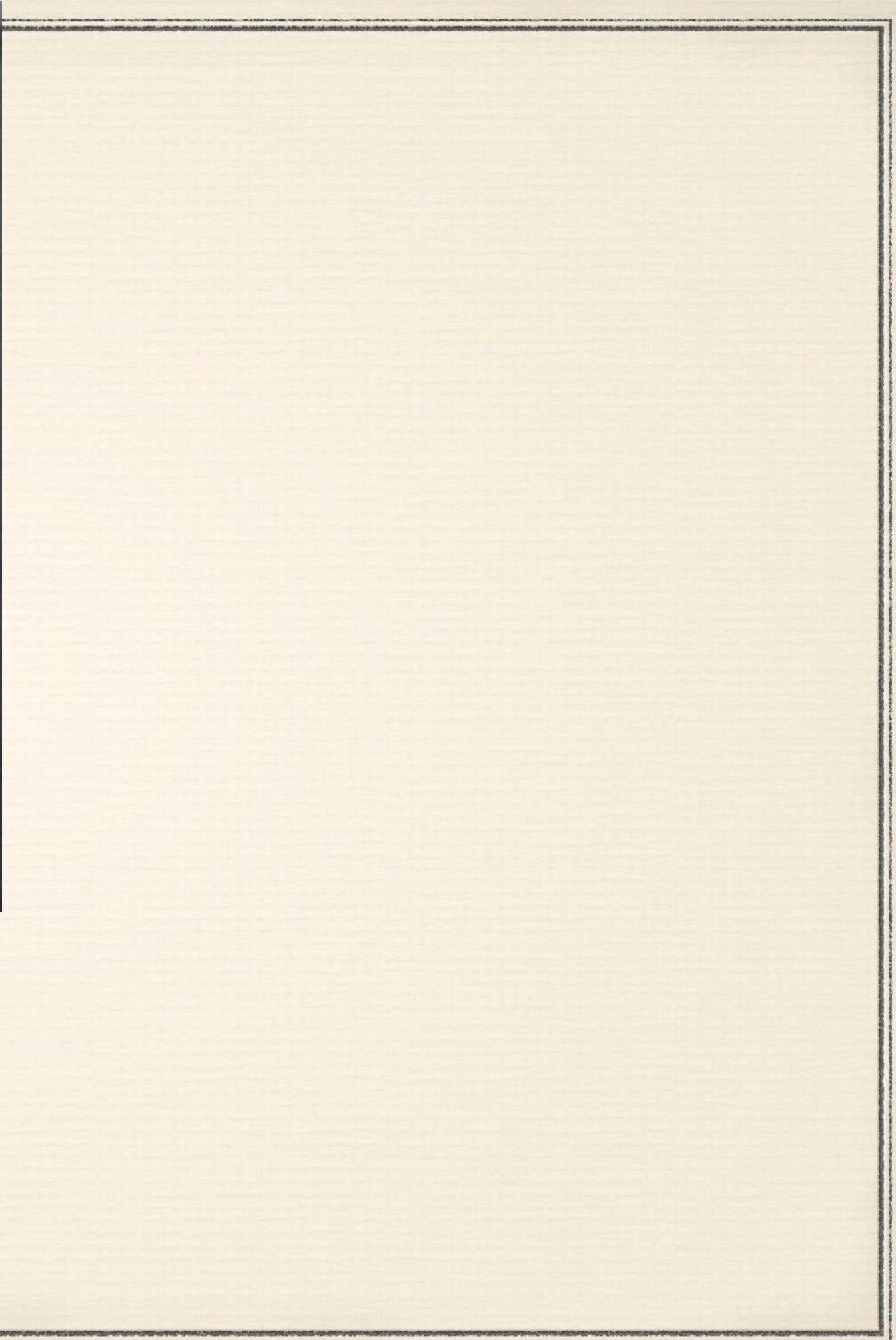
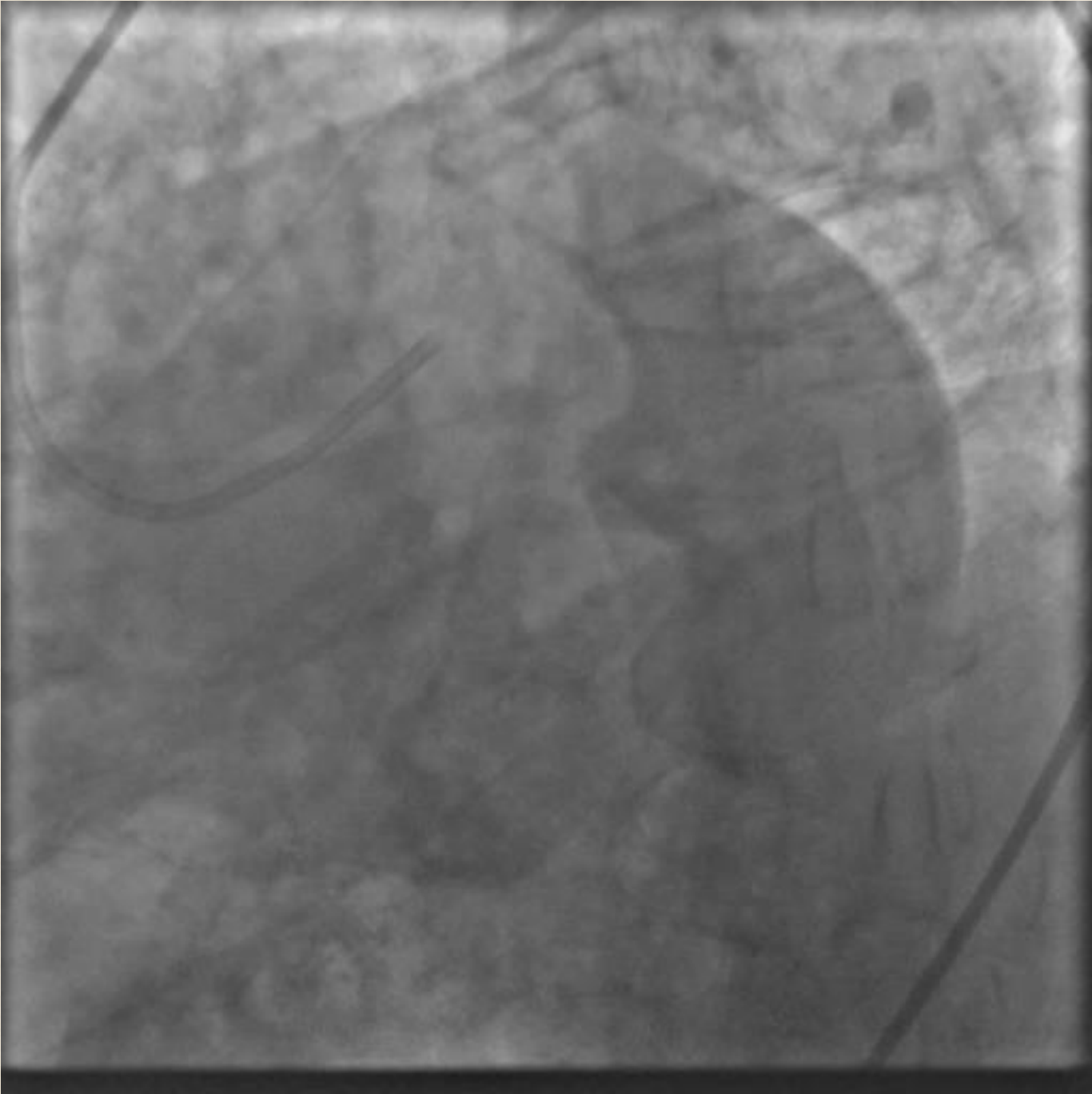
rediction

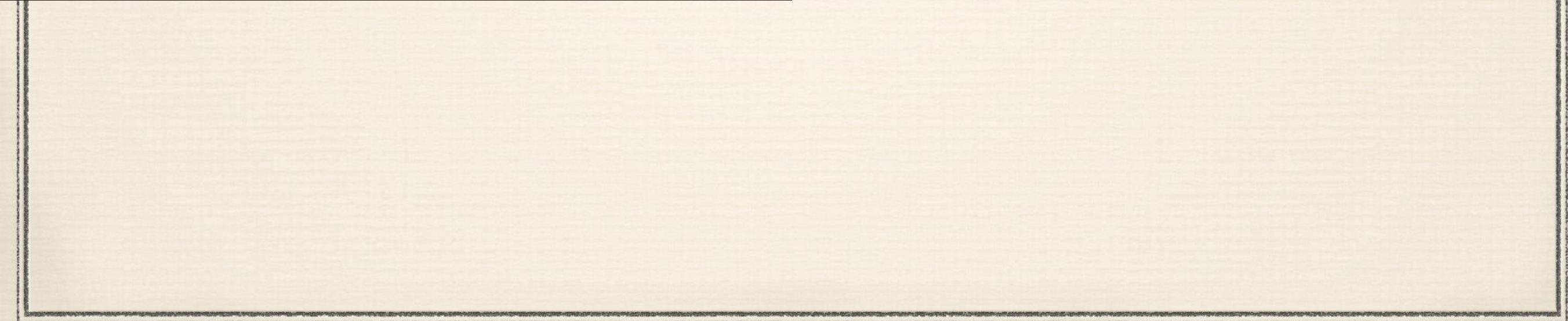
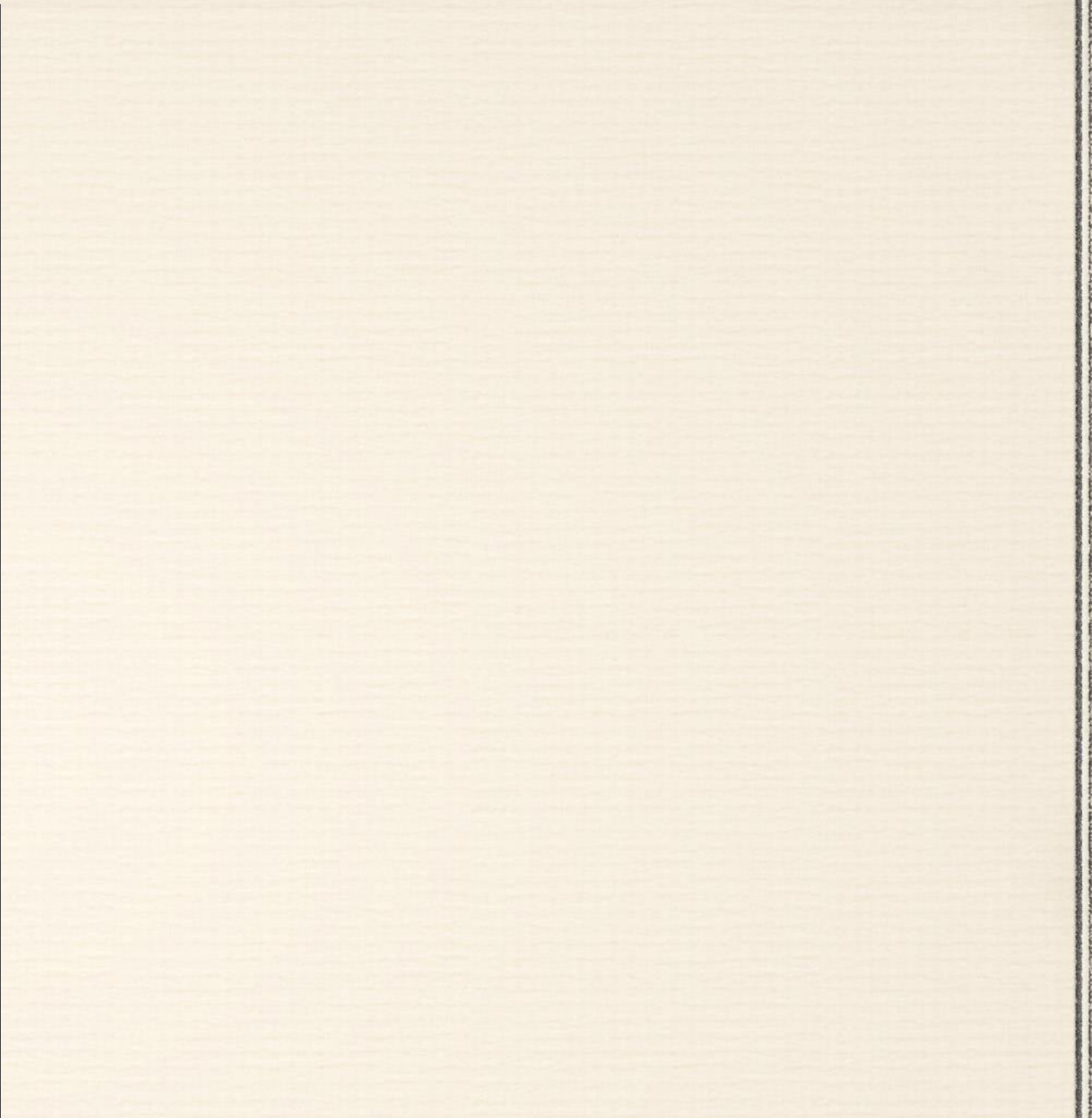
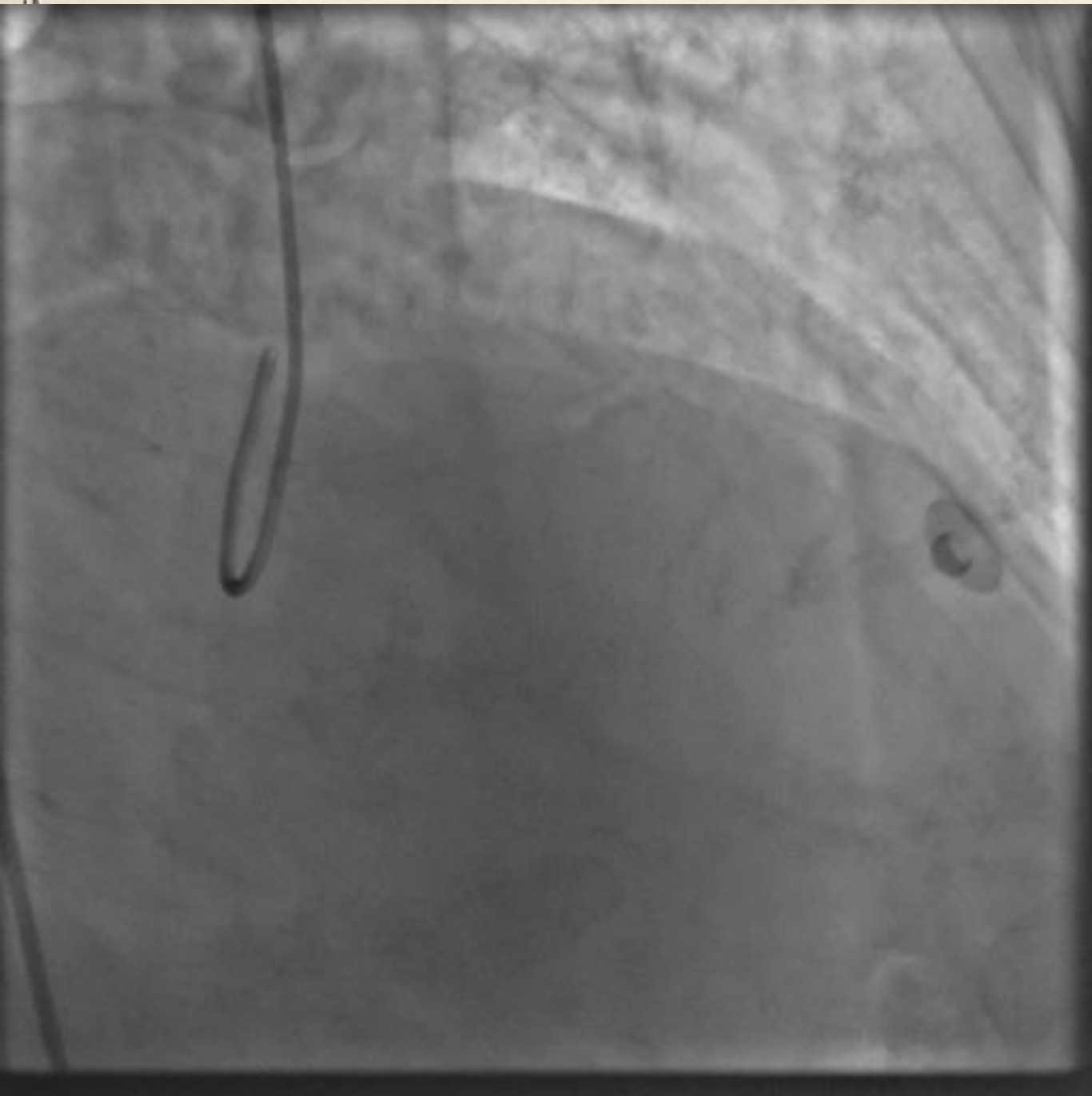




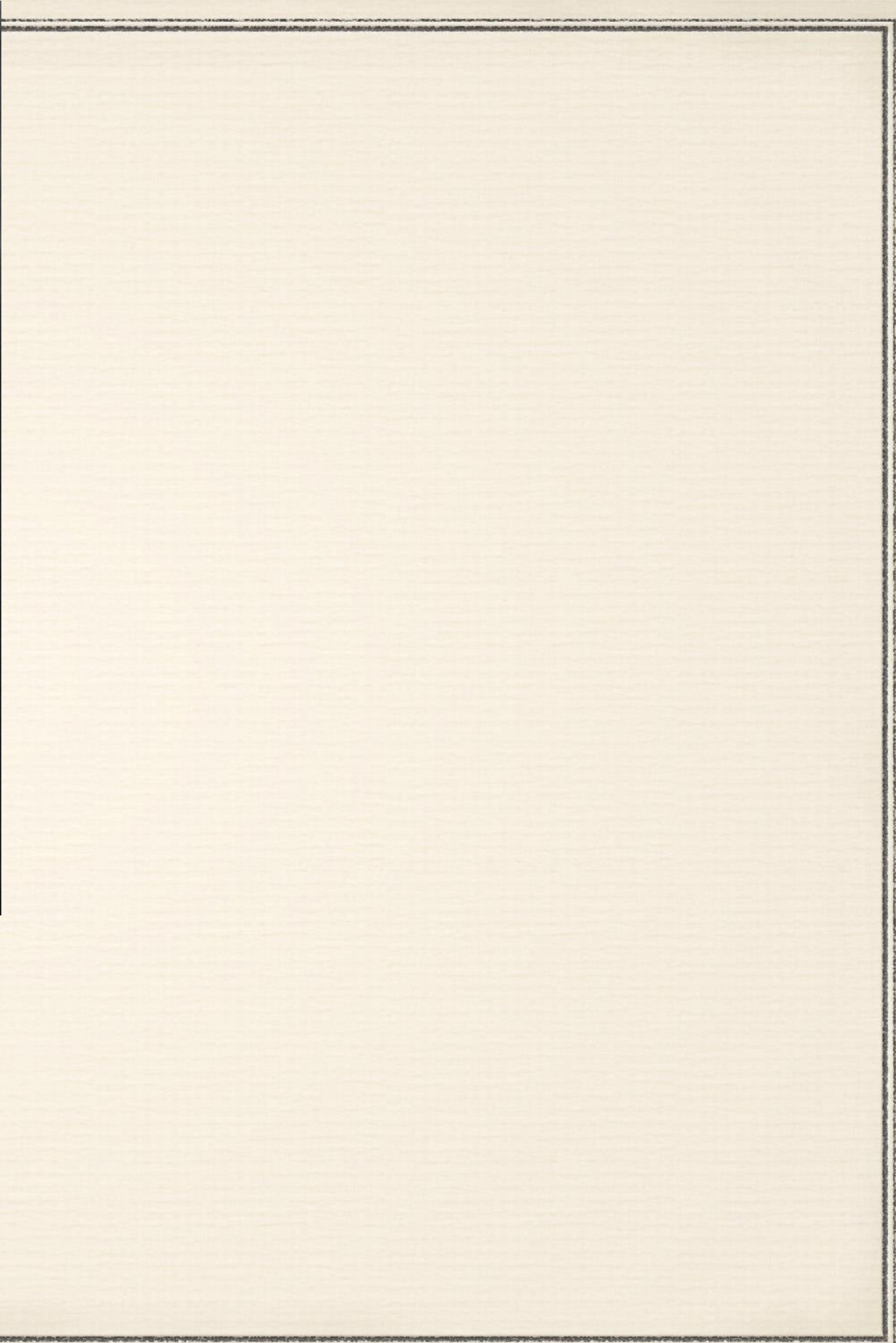
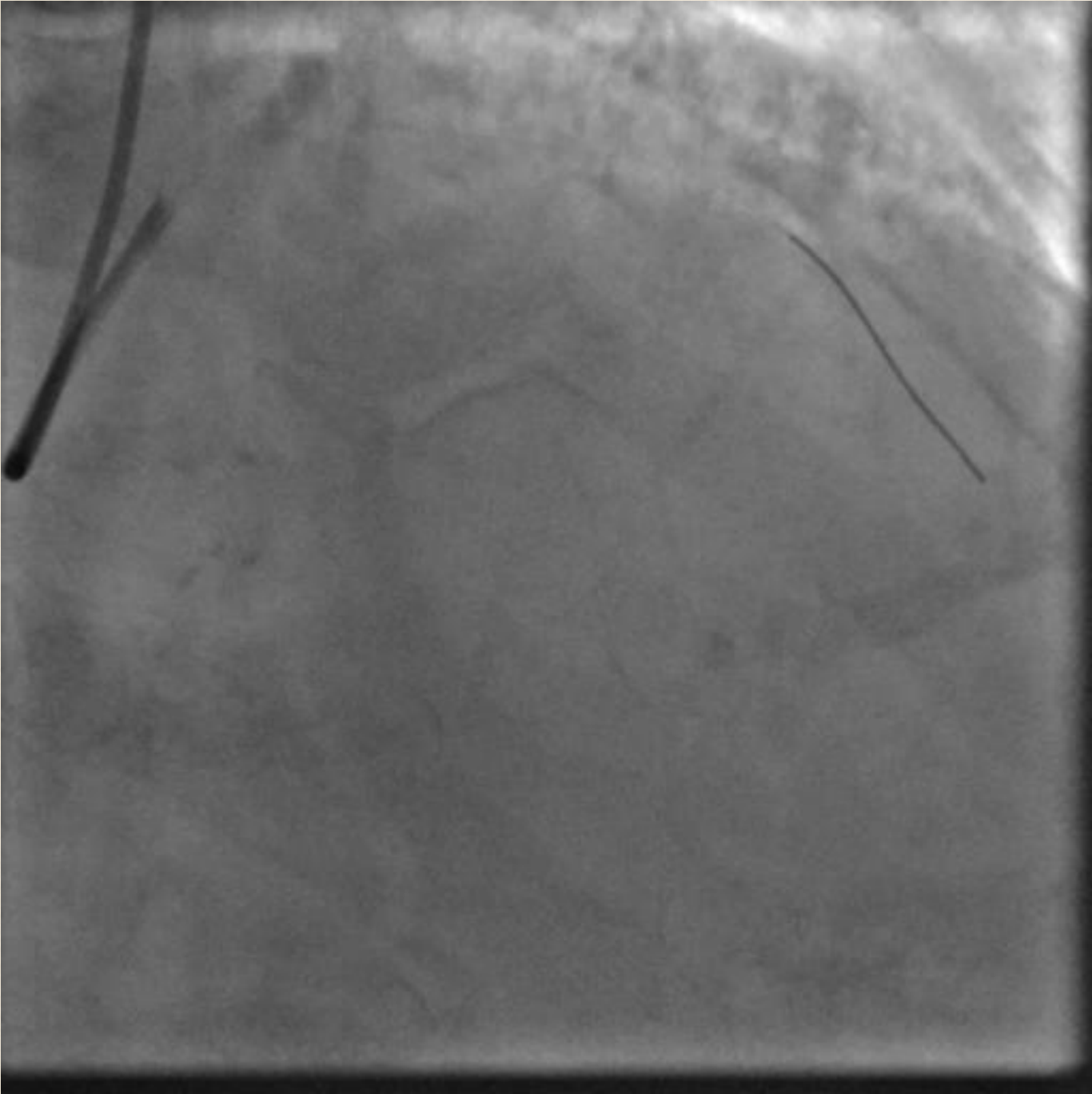


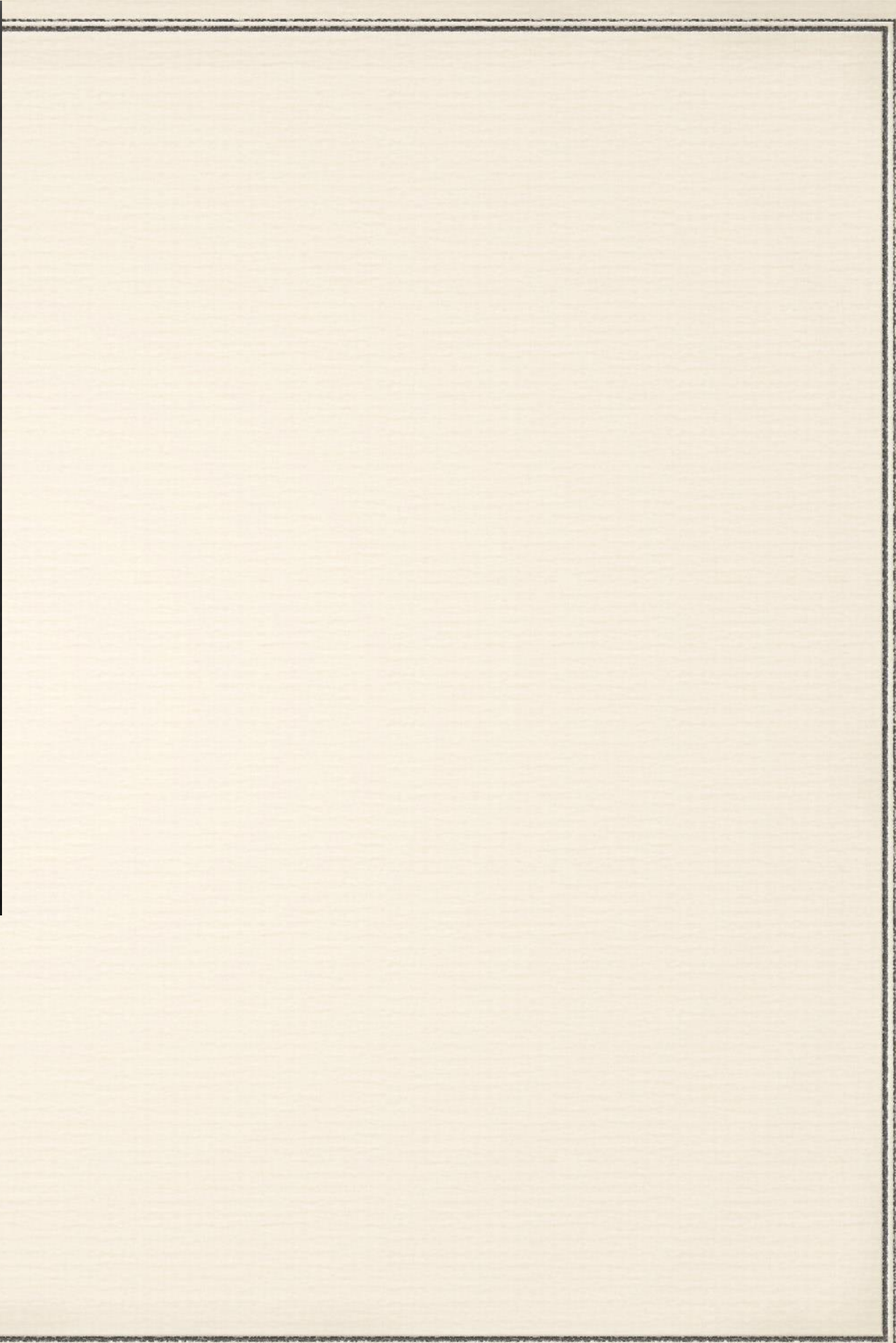
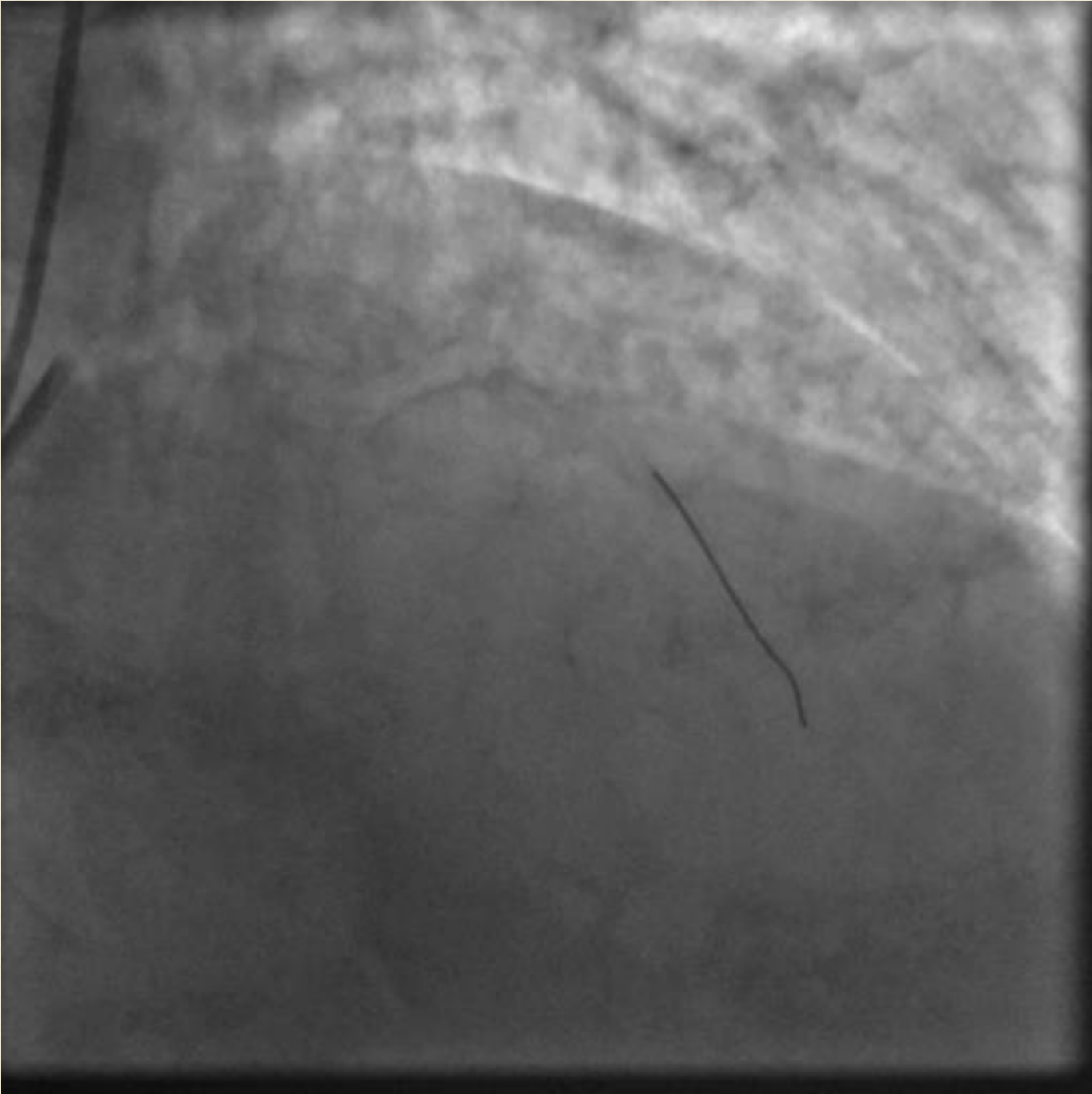




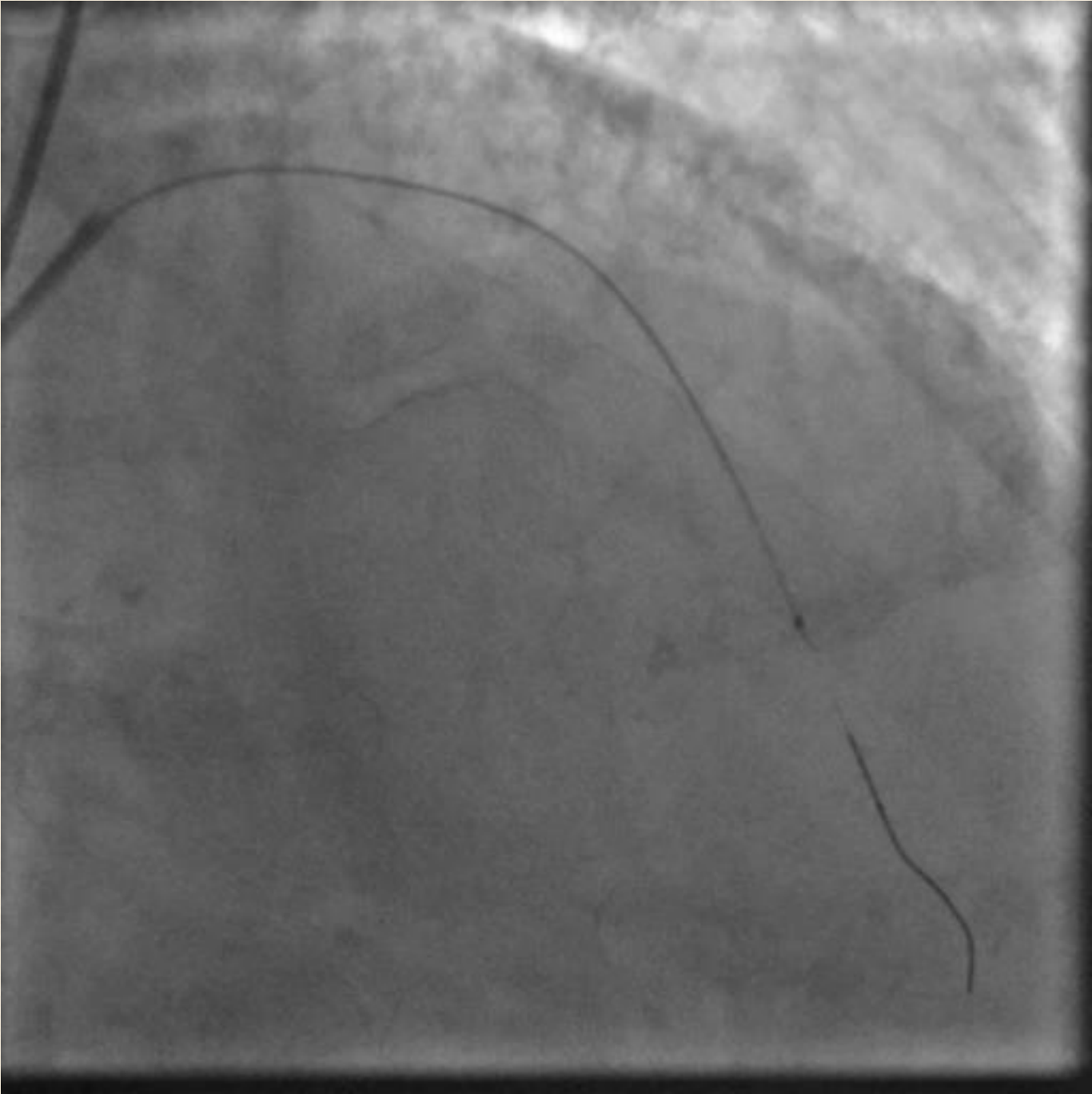






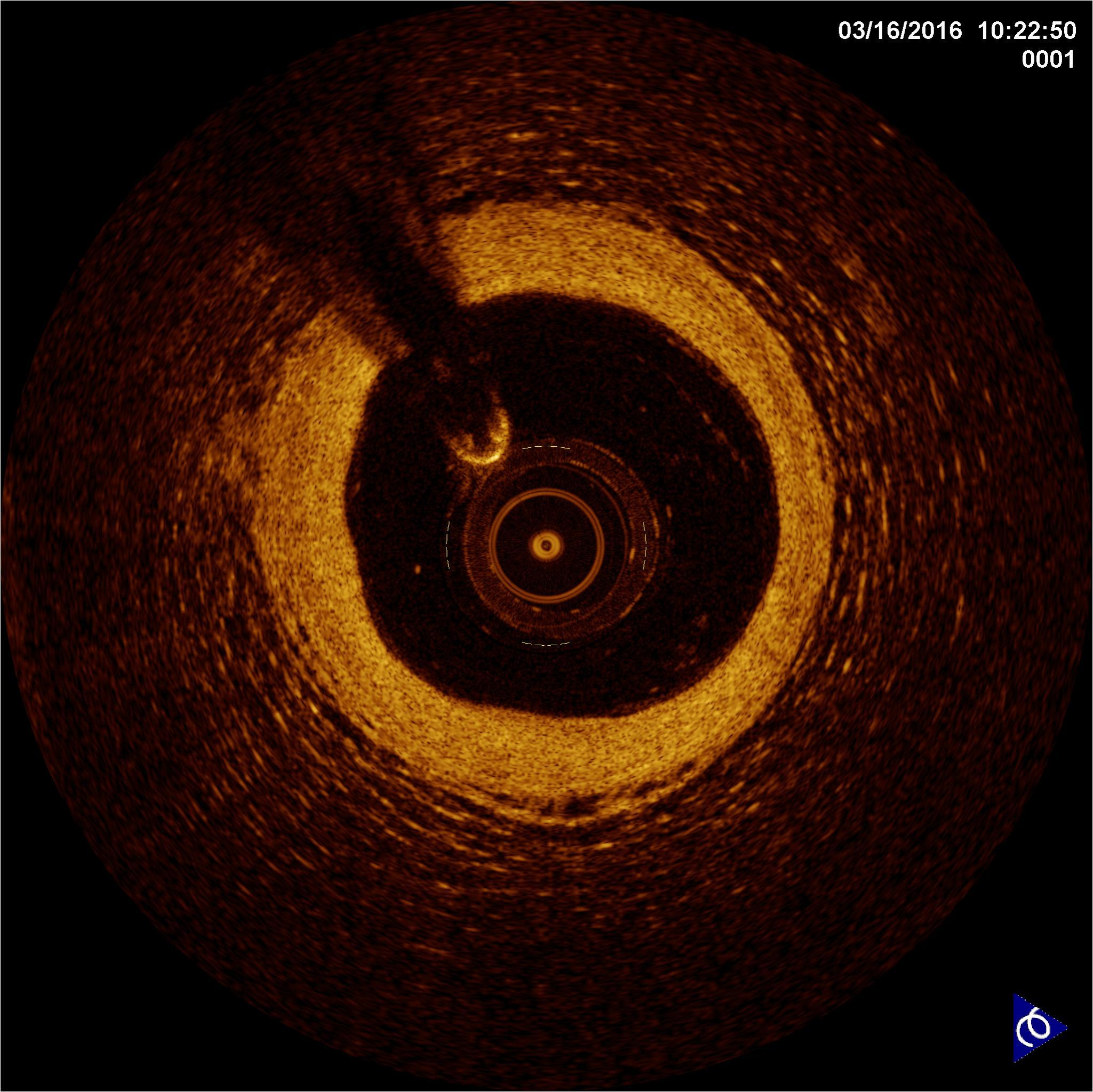








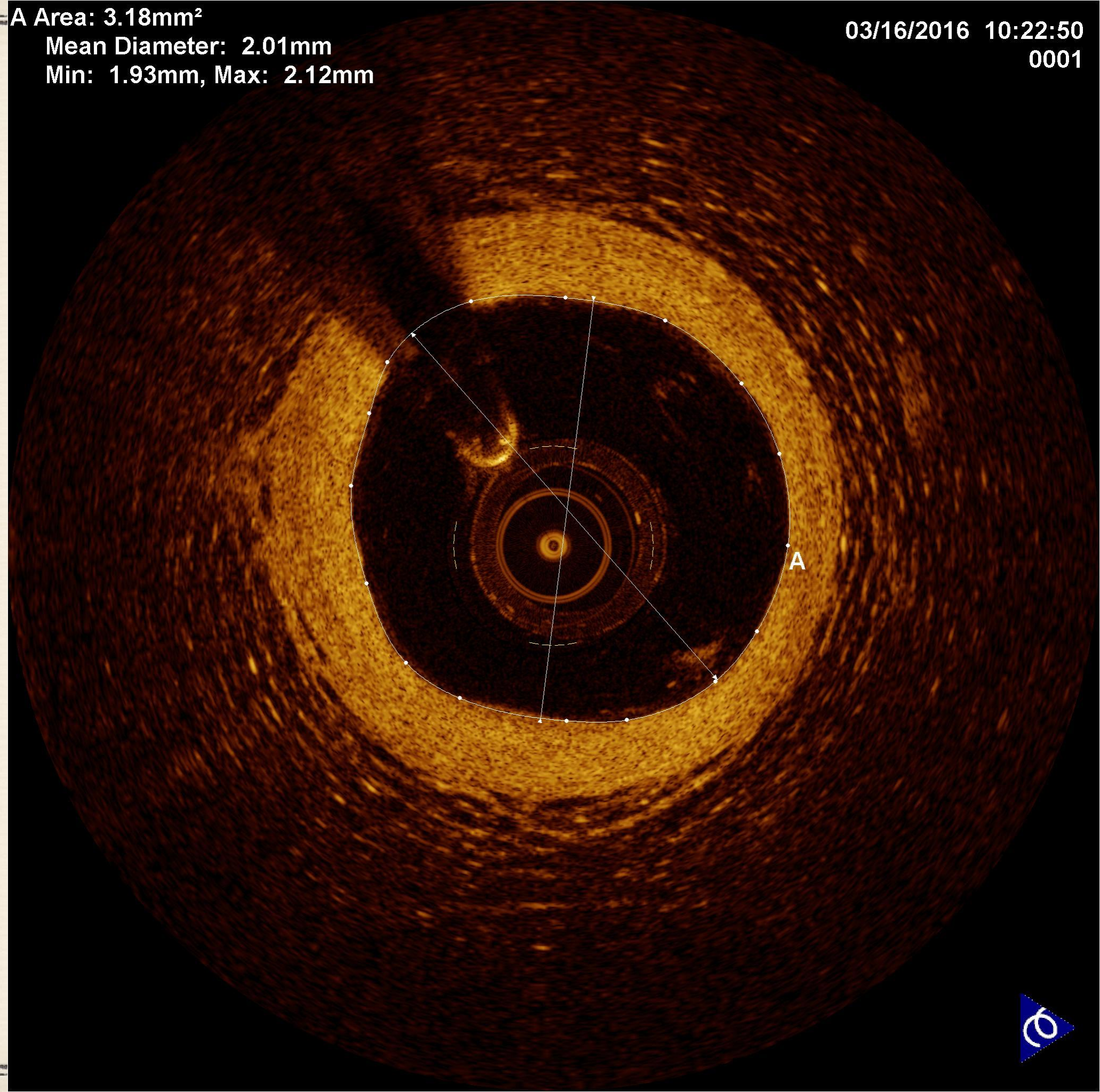
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A Area: 3.18mm<sup>2</sup>  
Mean Diameter: 2.01mm  
Min: 1.93mm, Max: 2.12mm

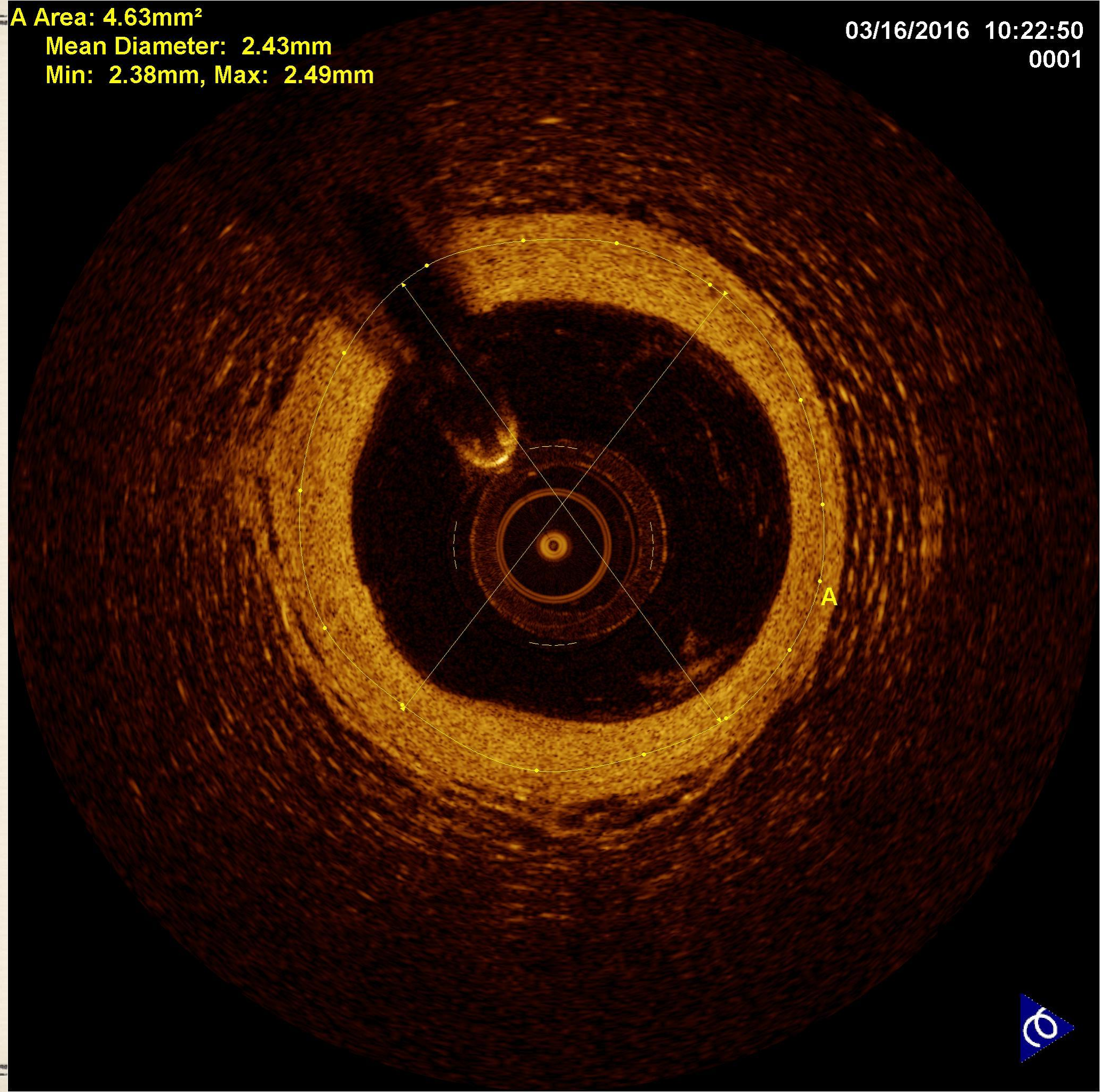
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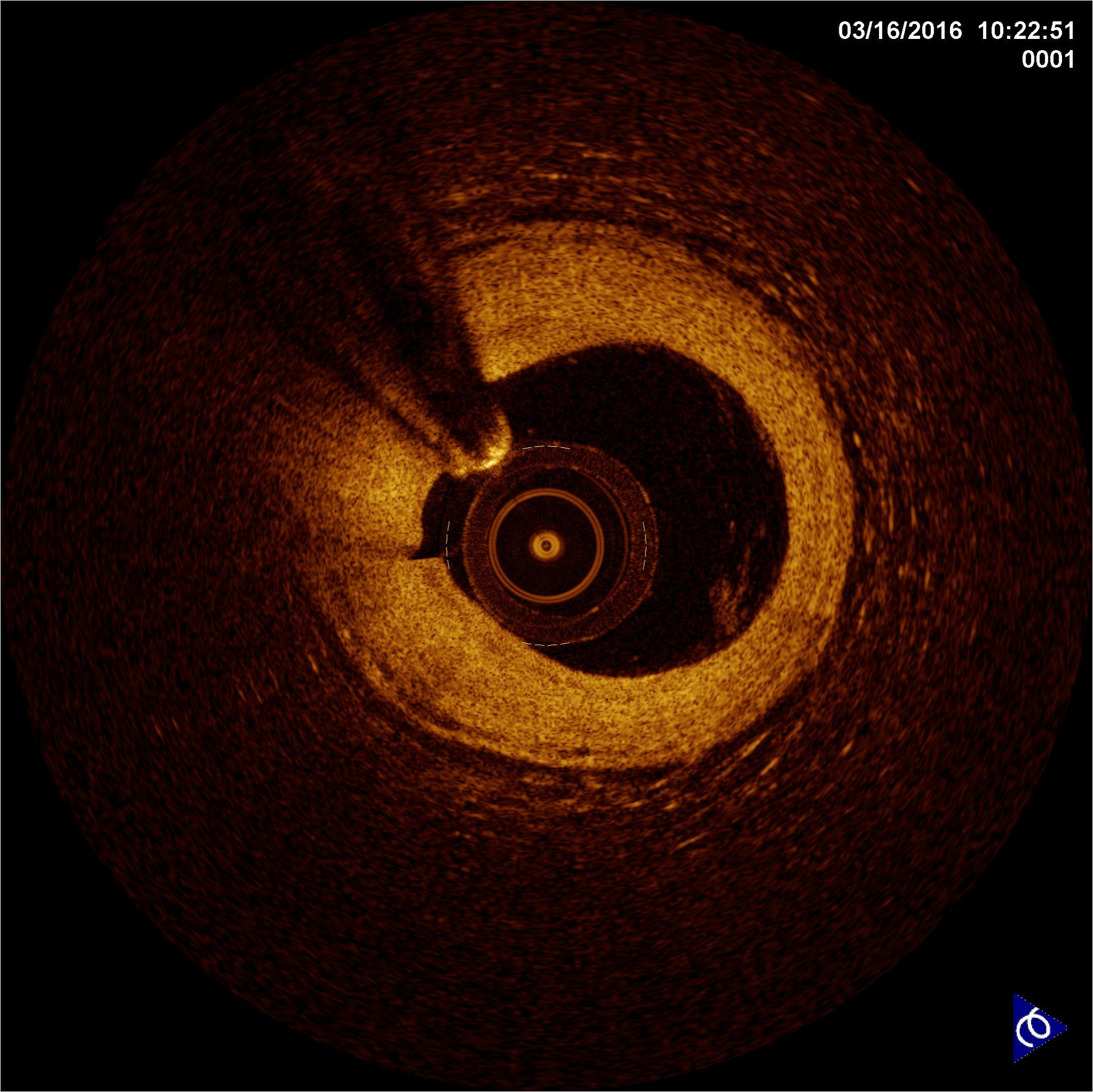
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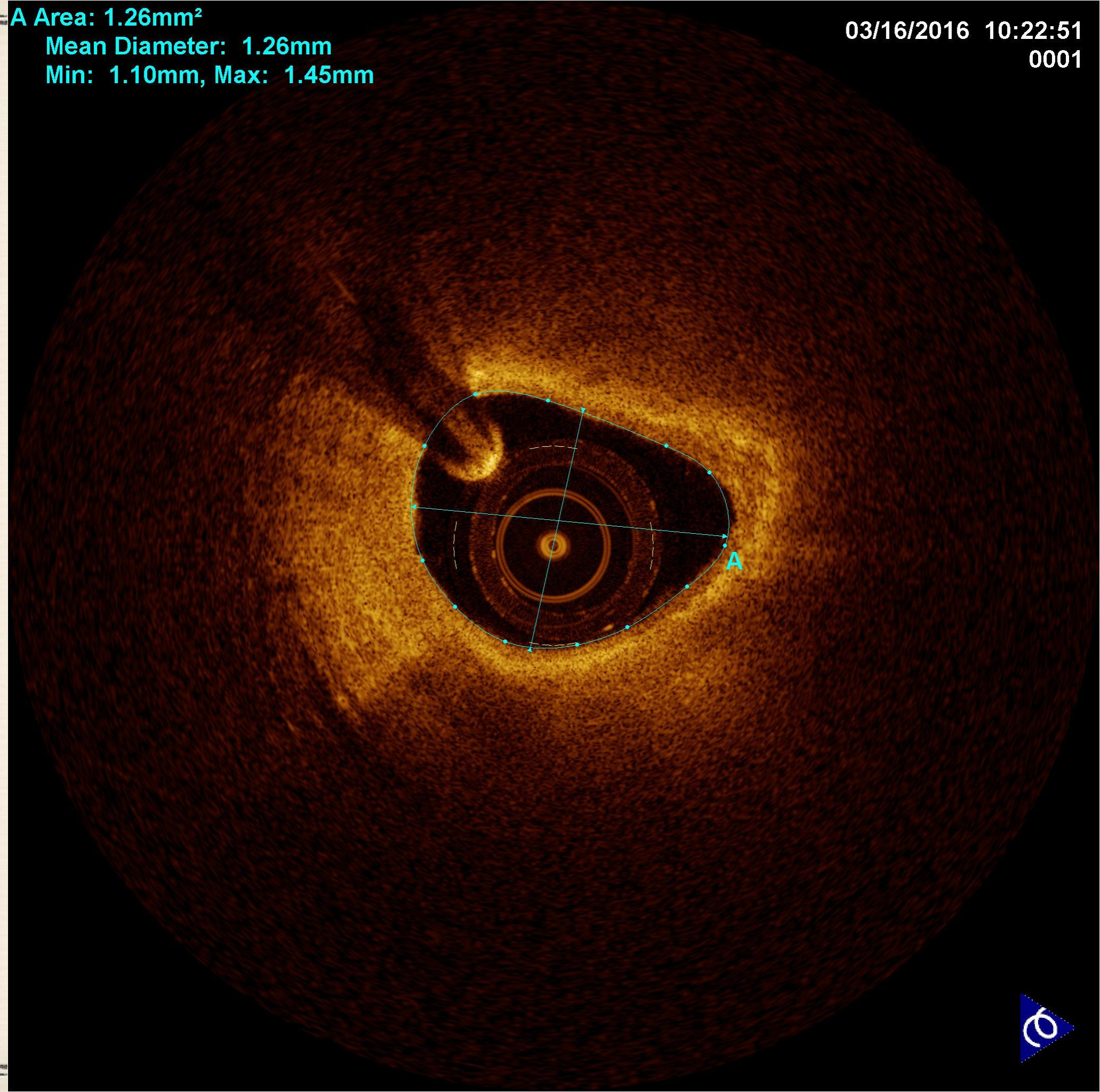
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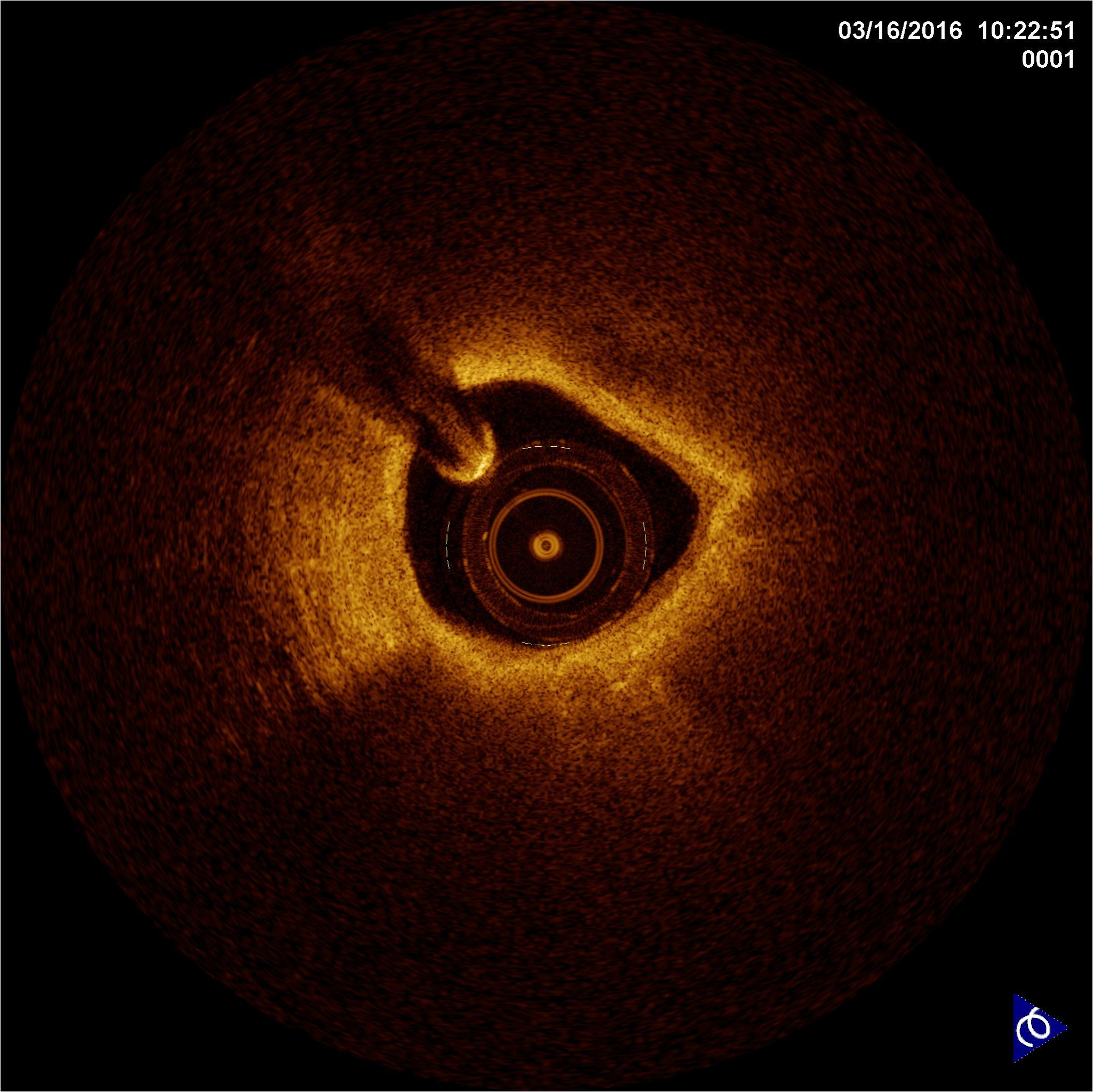
A Area: 1.26mm<sup>2</sup>  
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Min: 1.10mm, Max: 1.45mm

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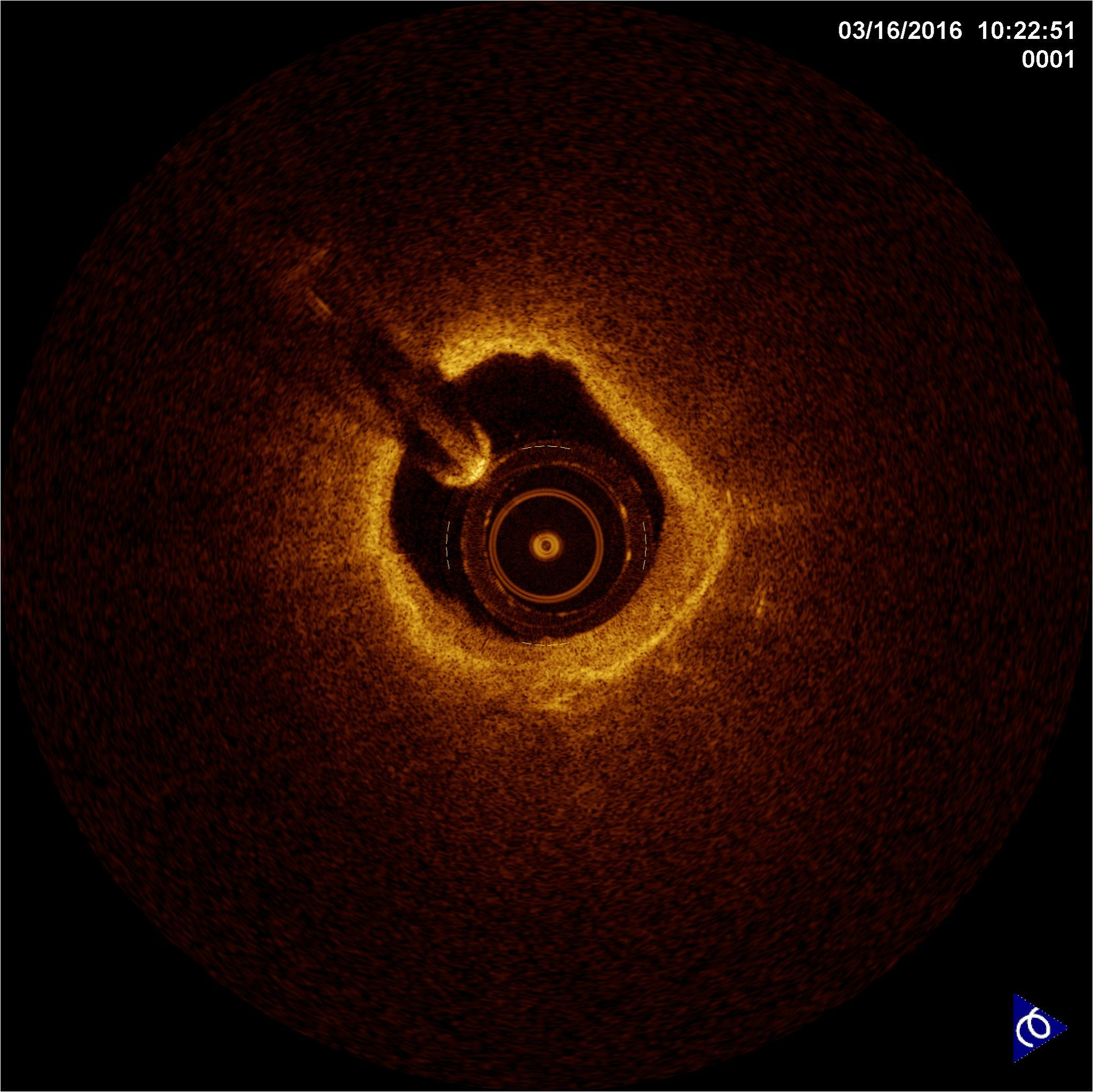


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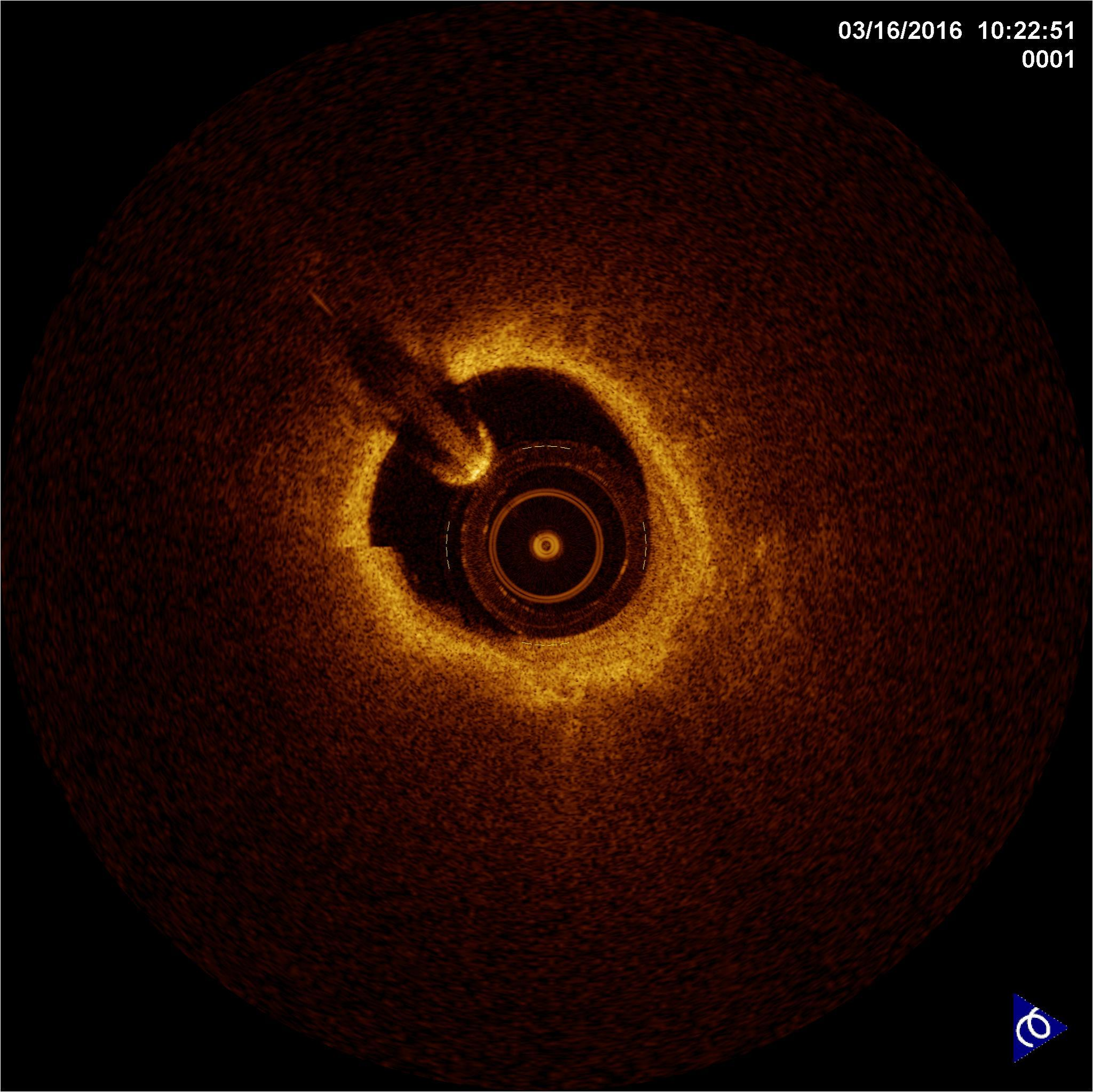


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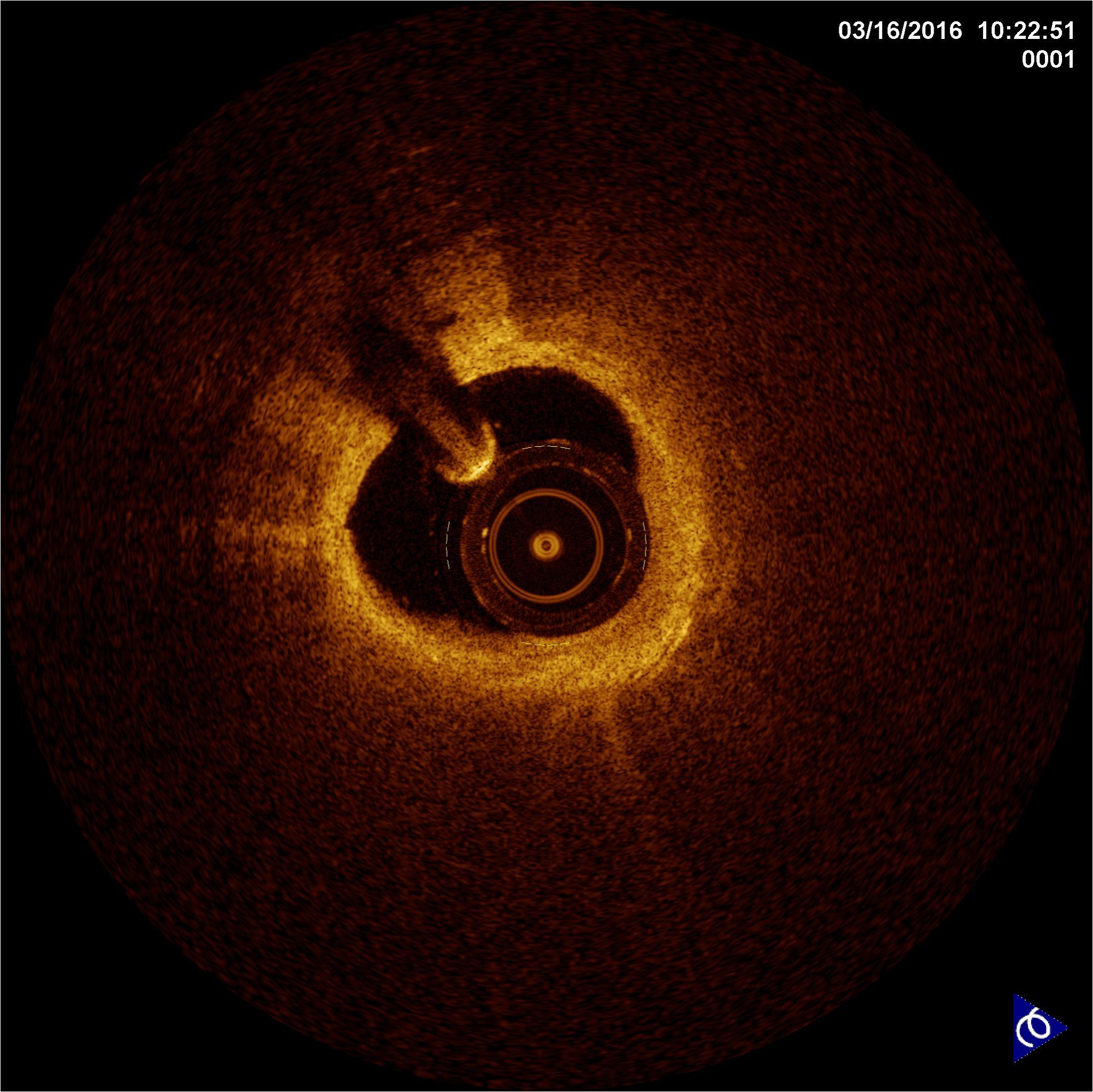


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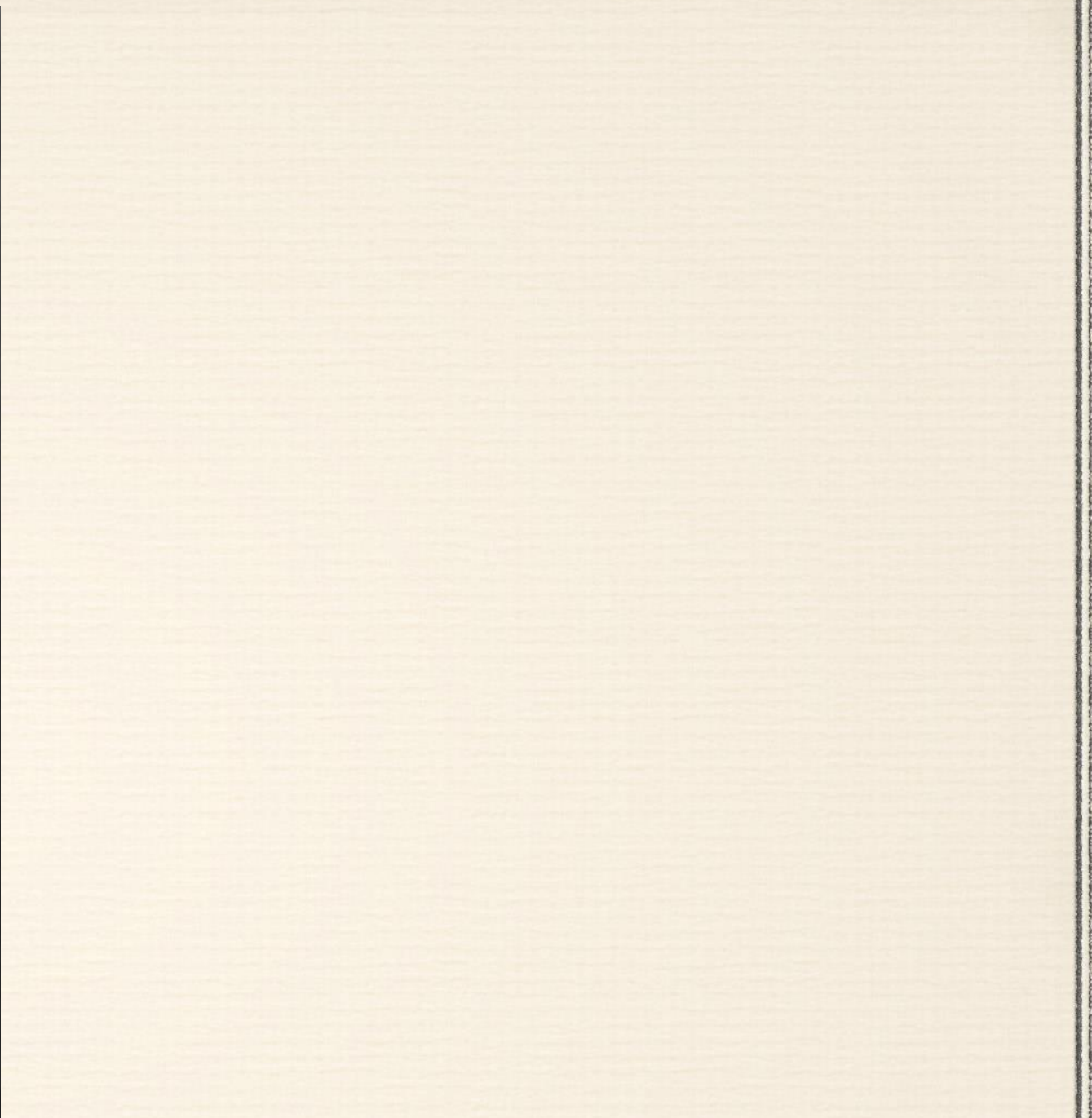
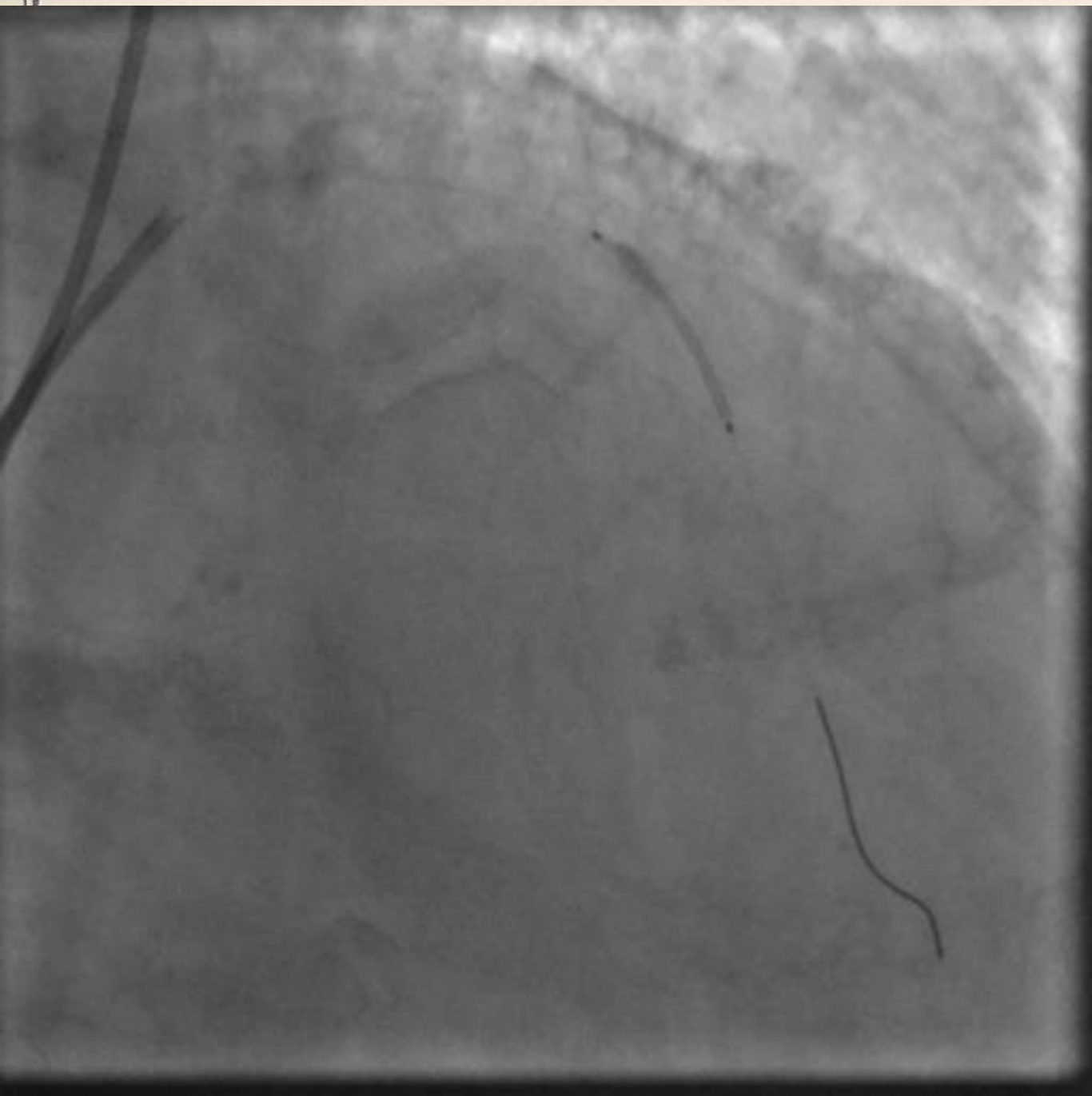


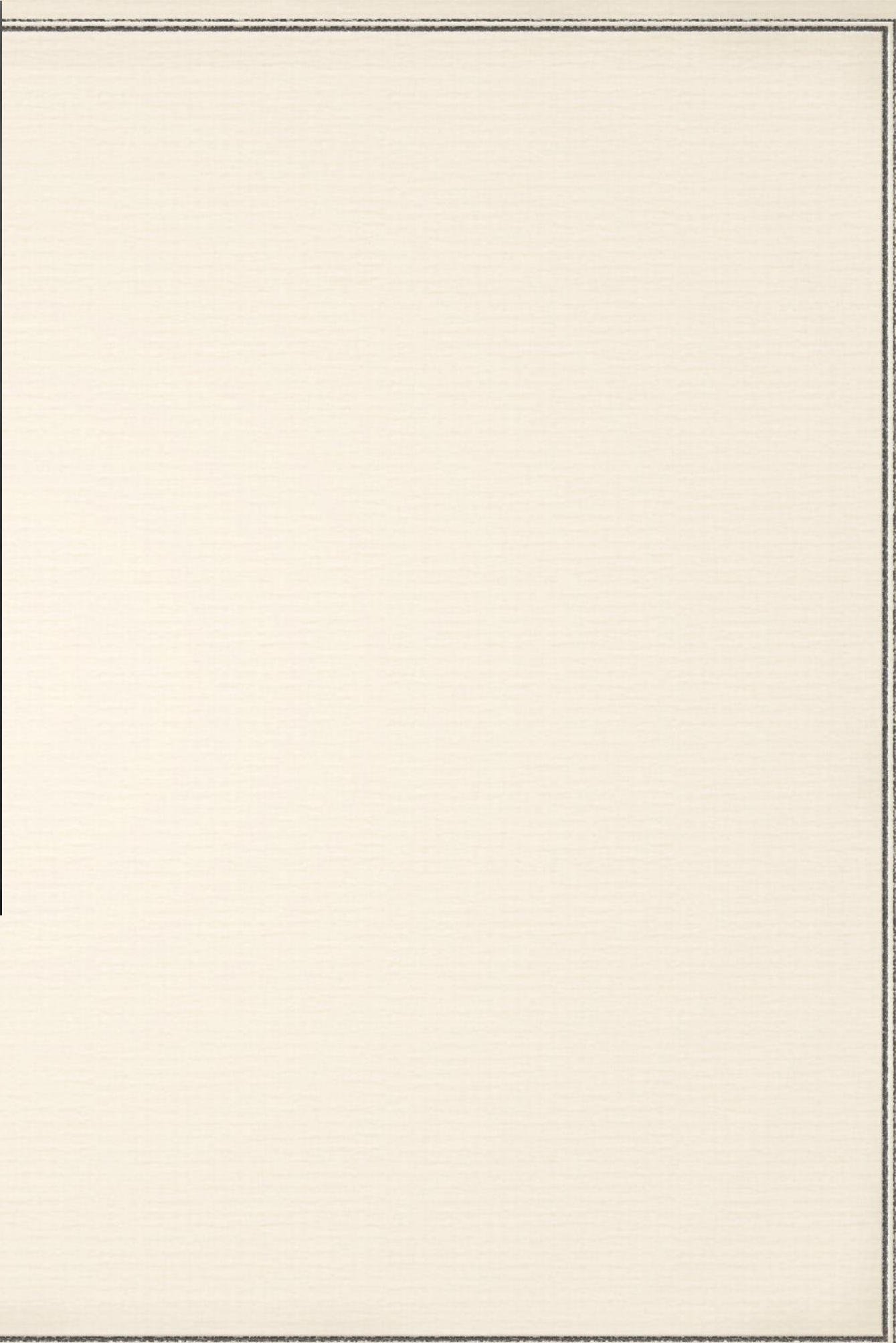
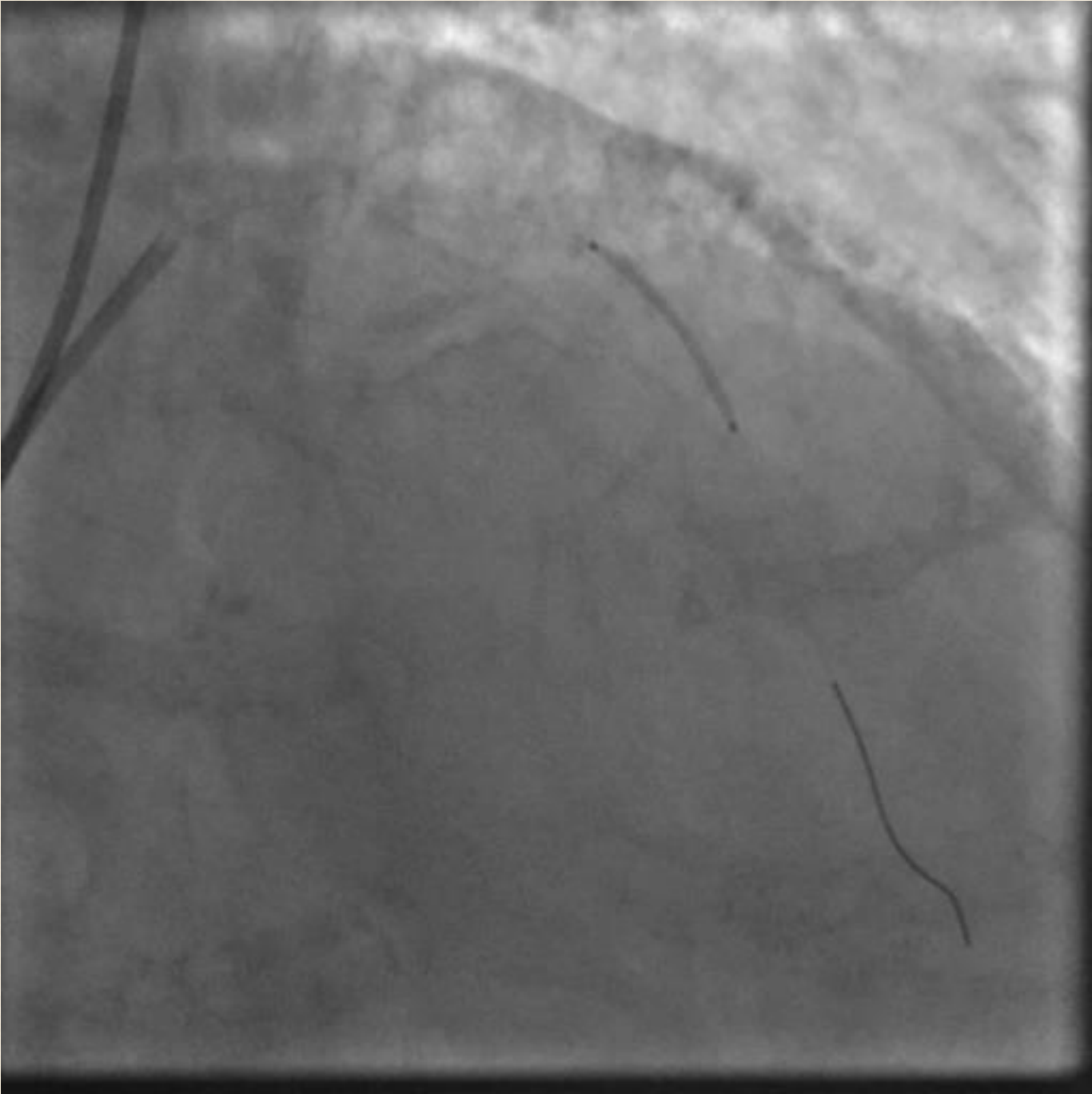


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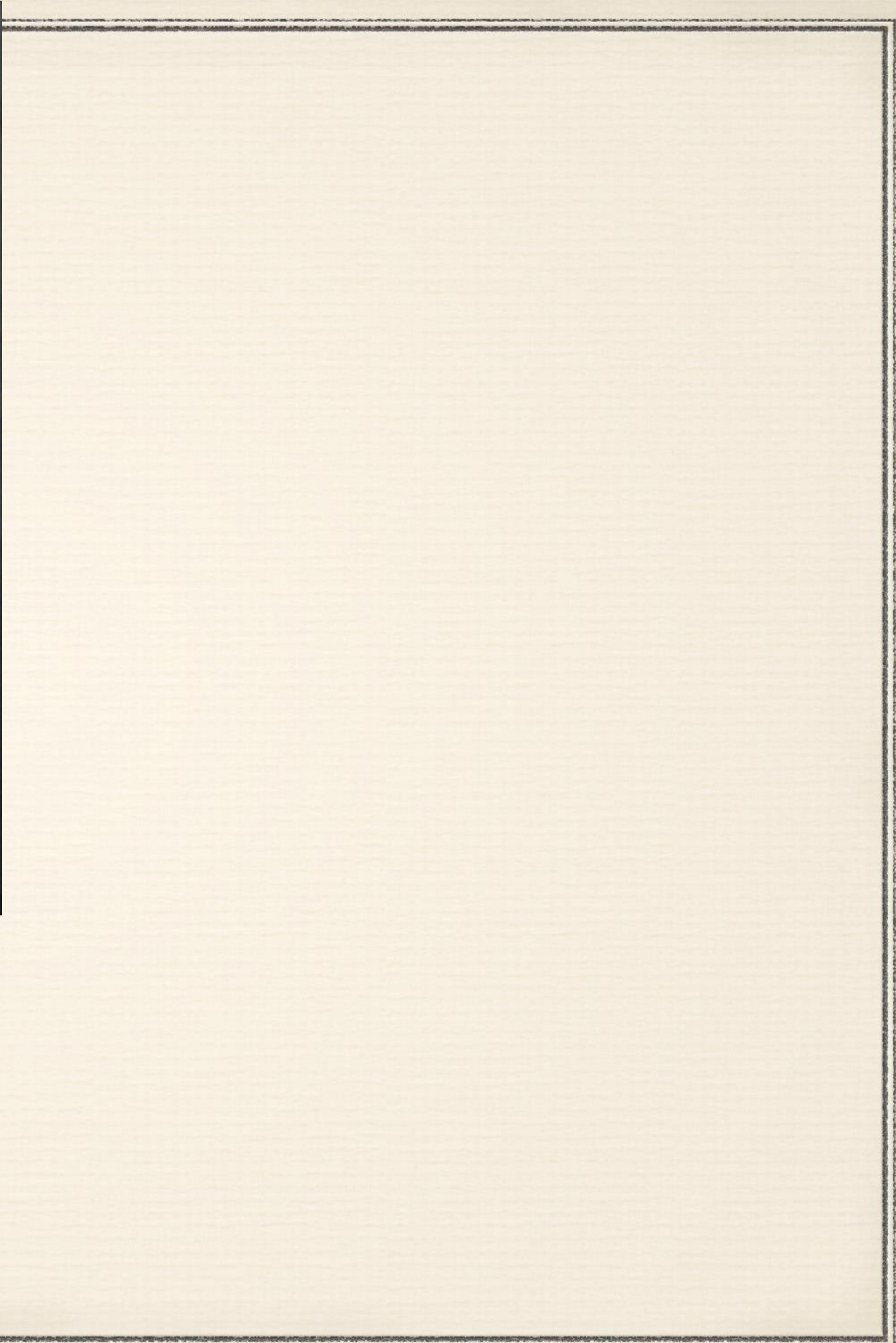
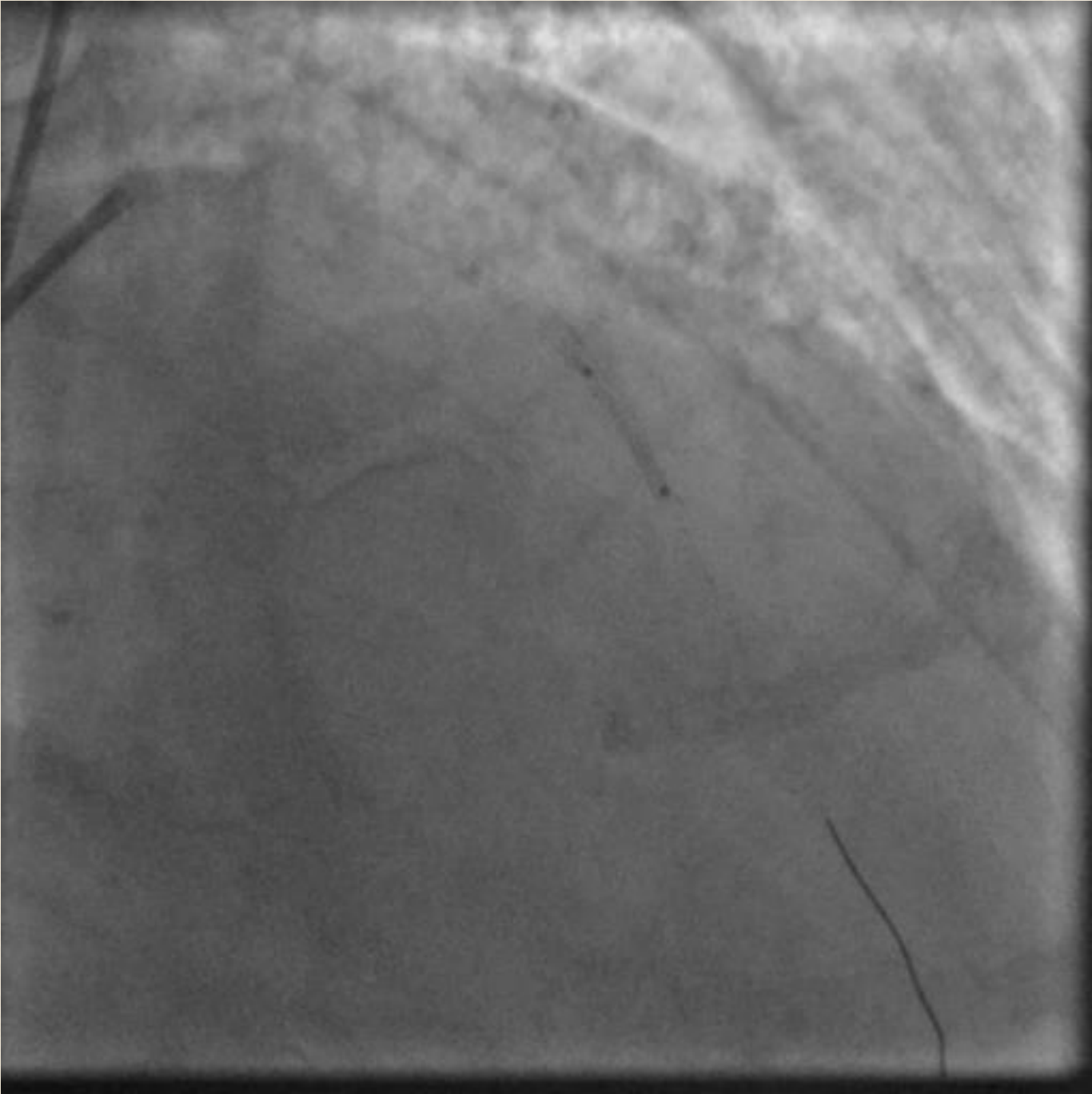


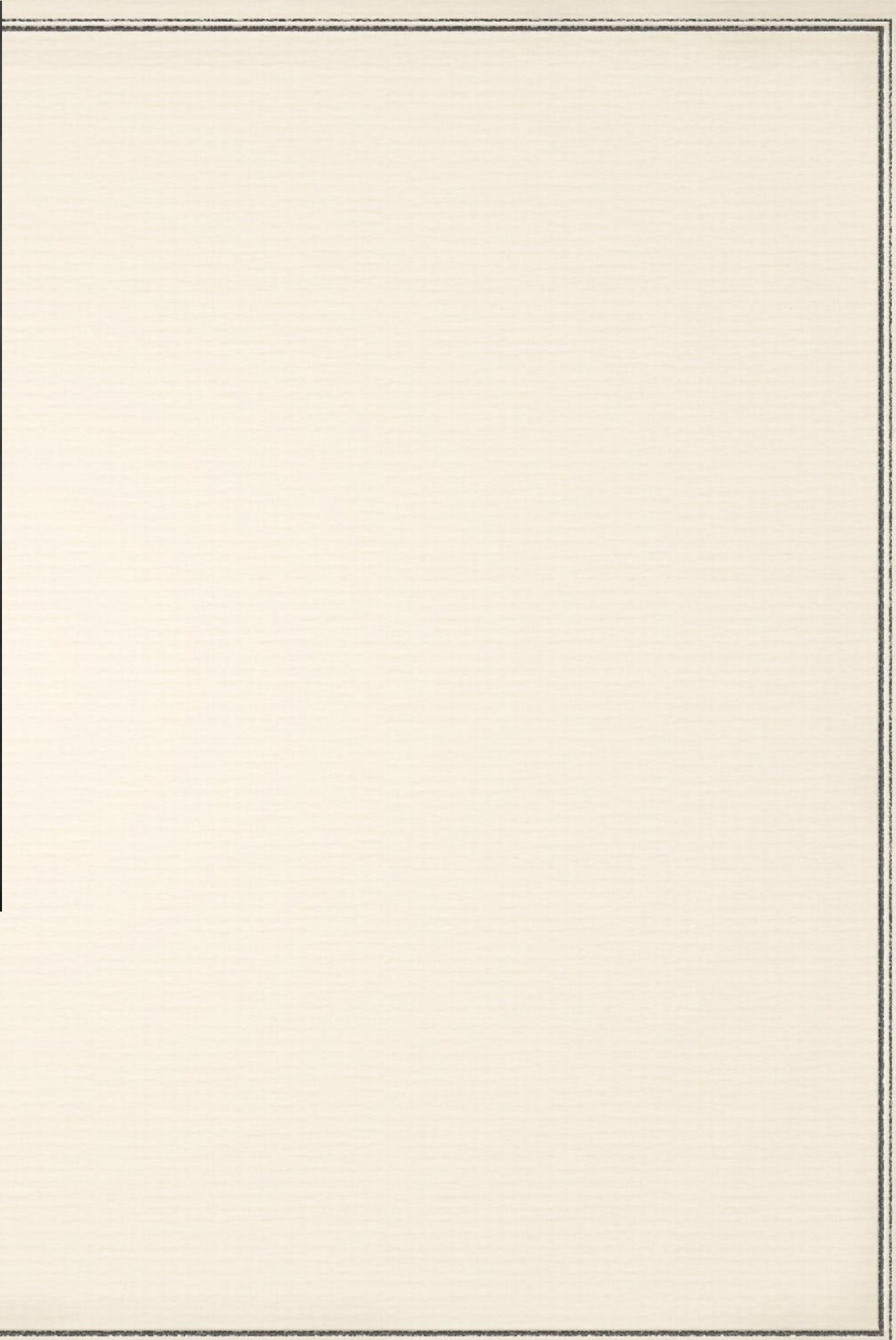
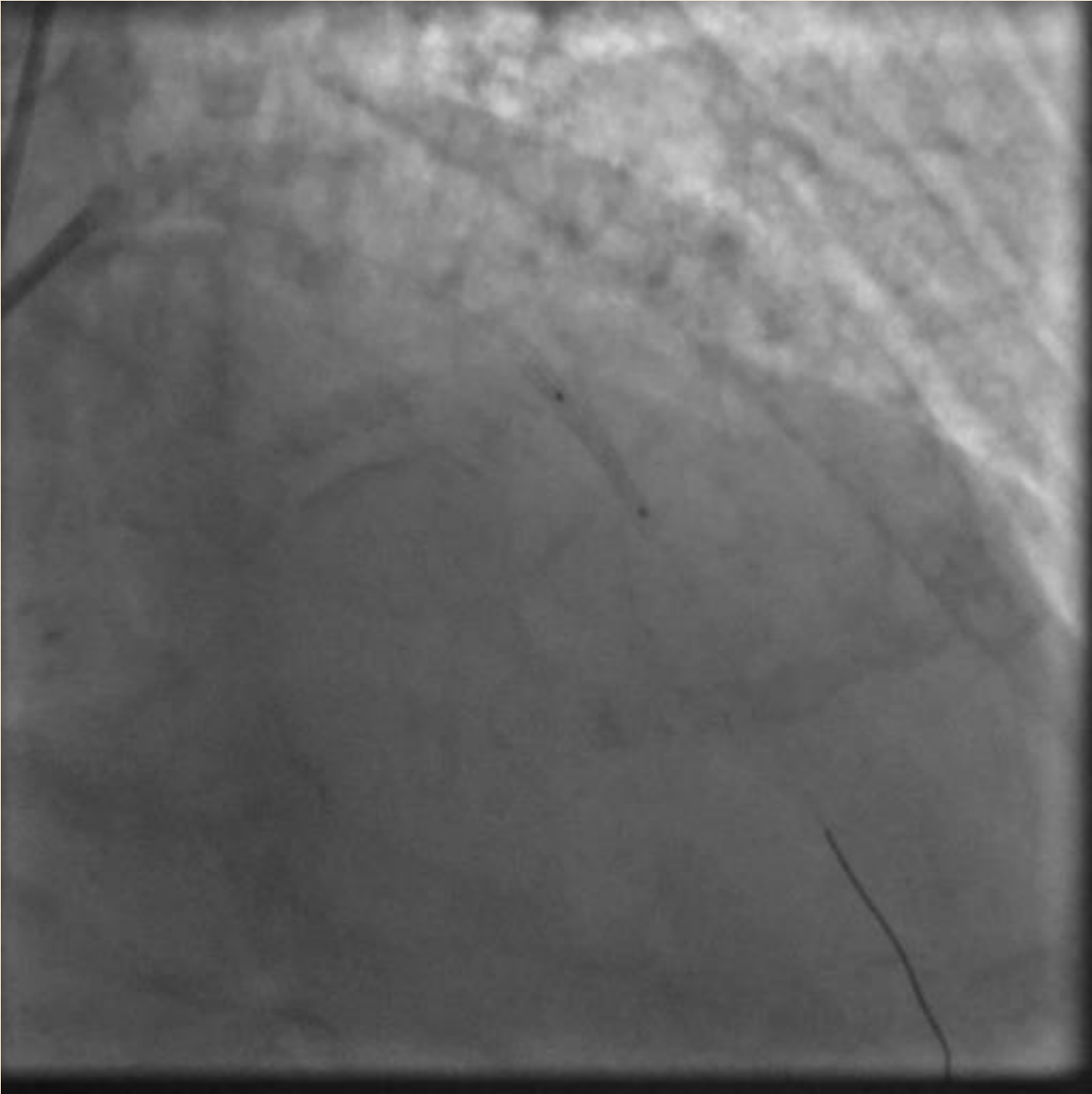




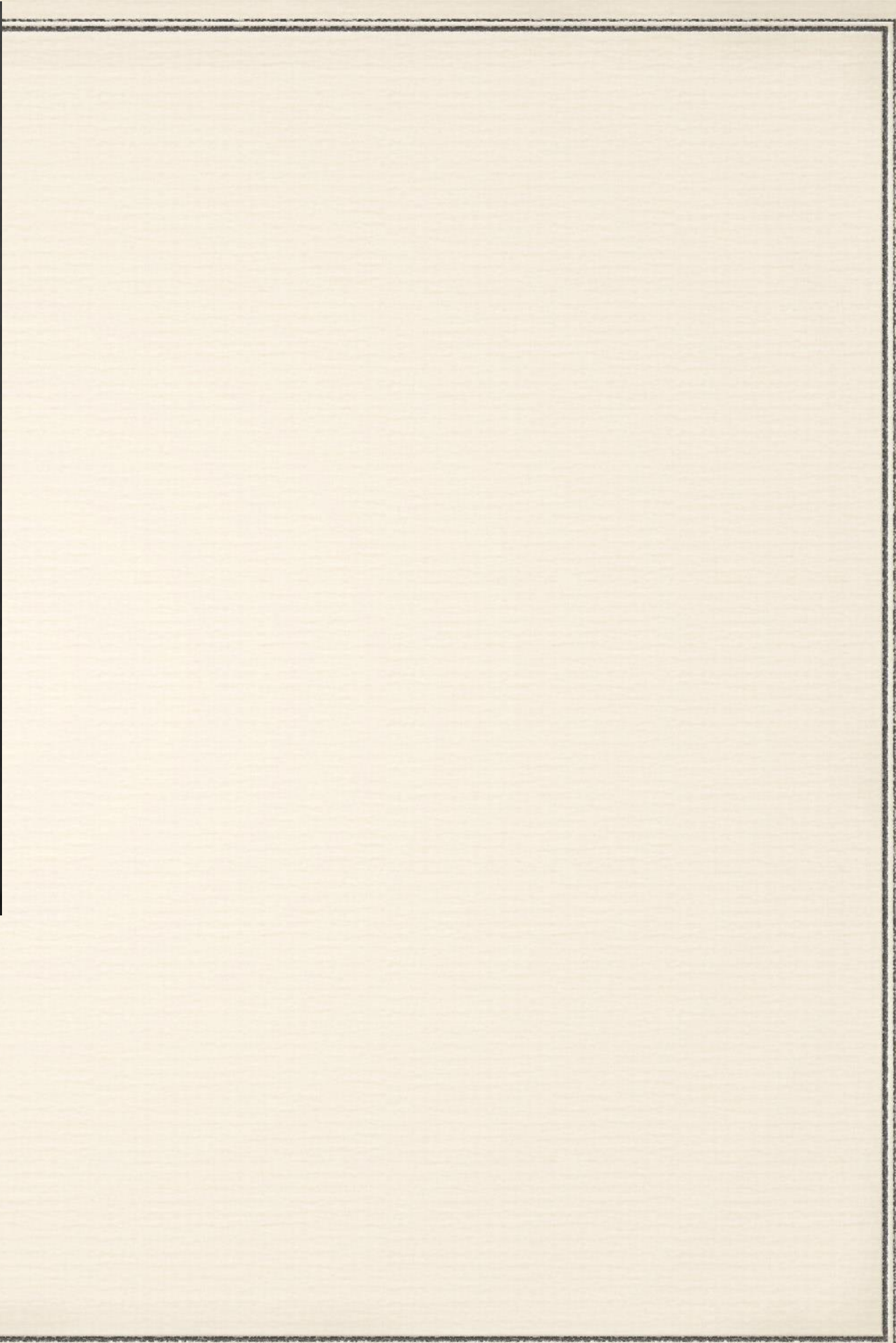
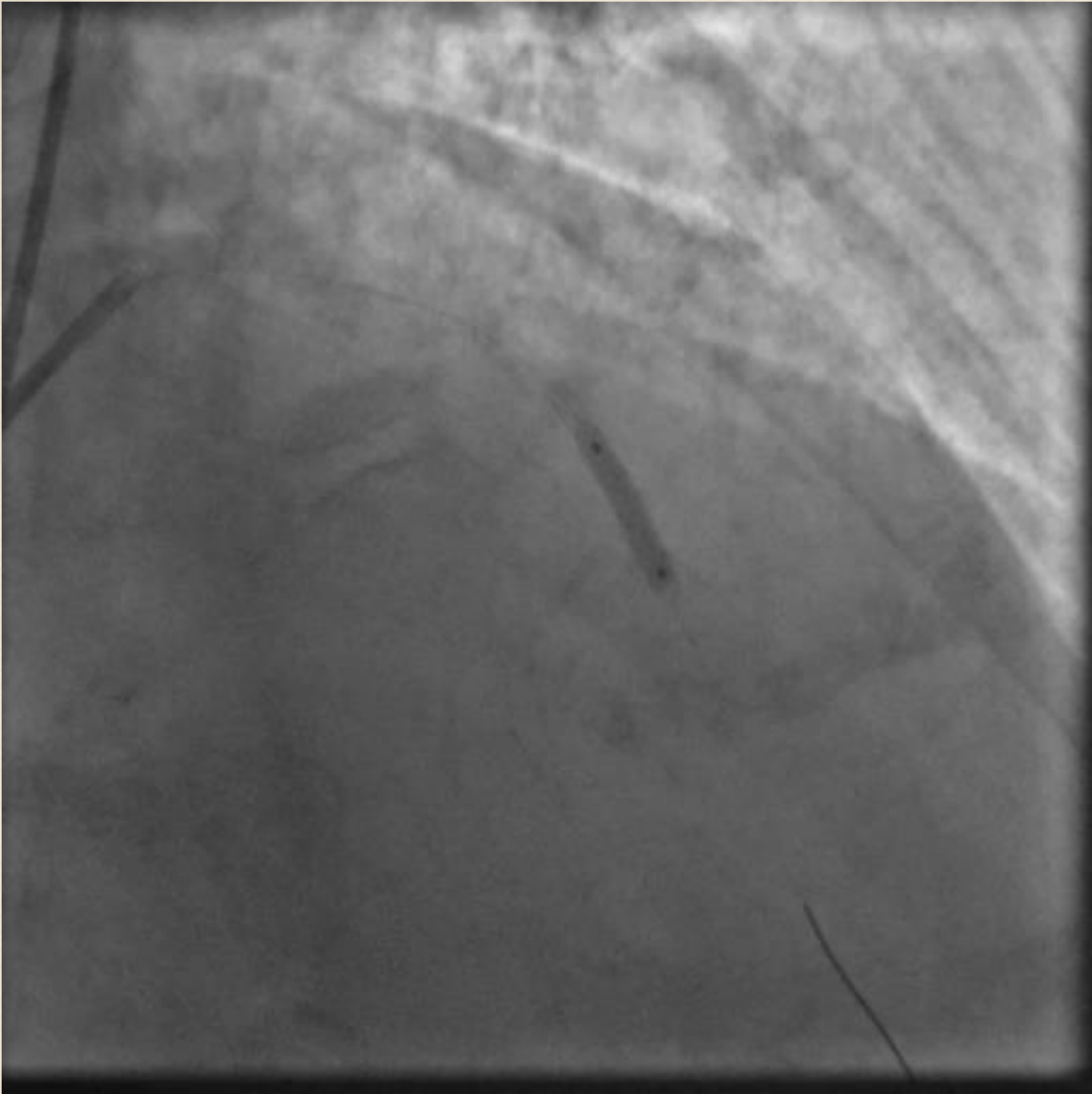


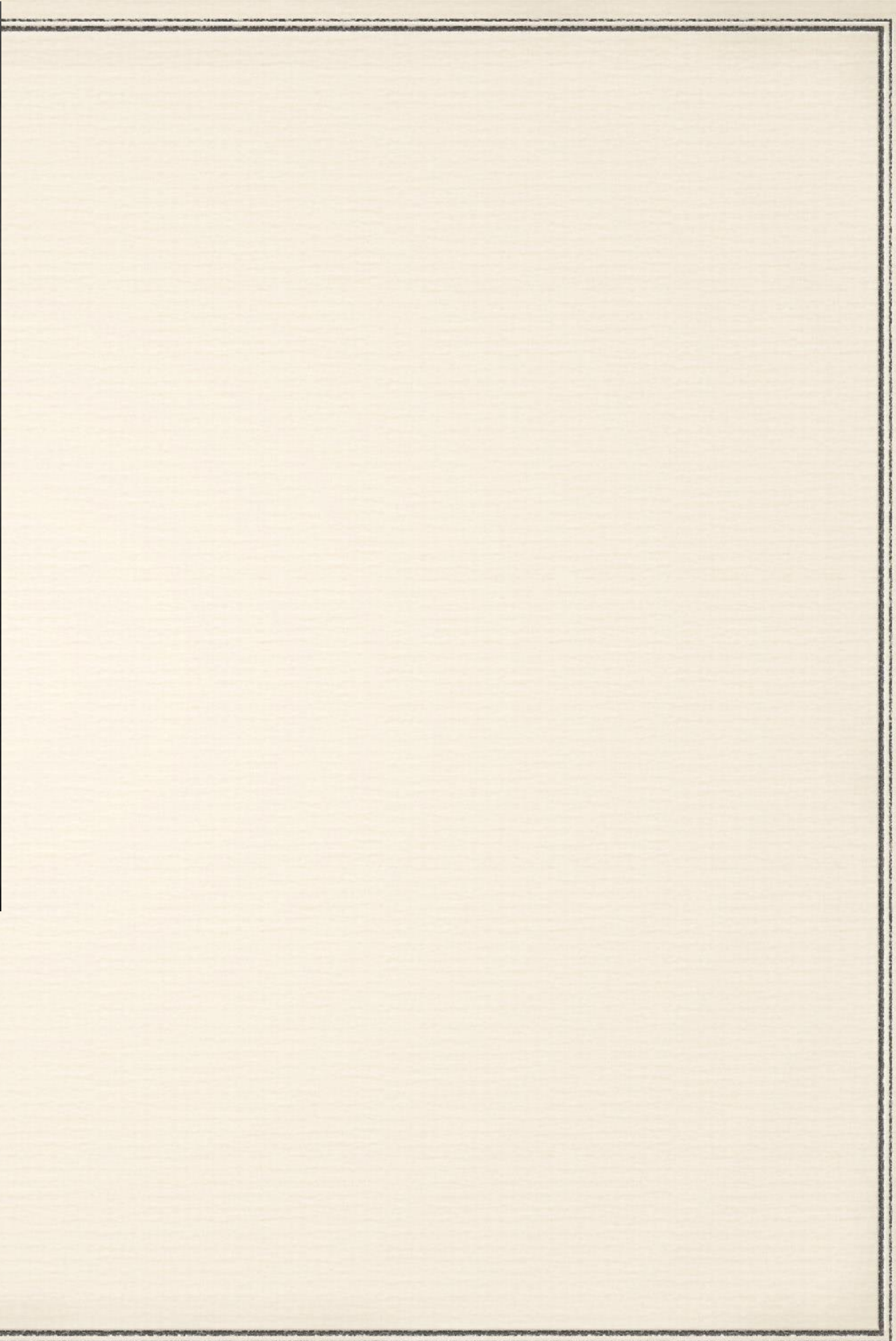
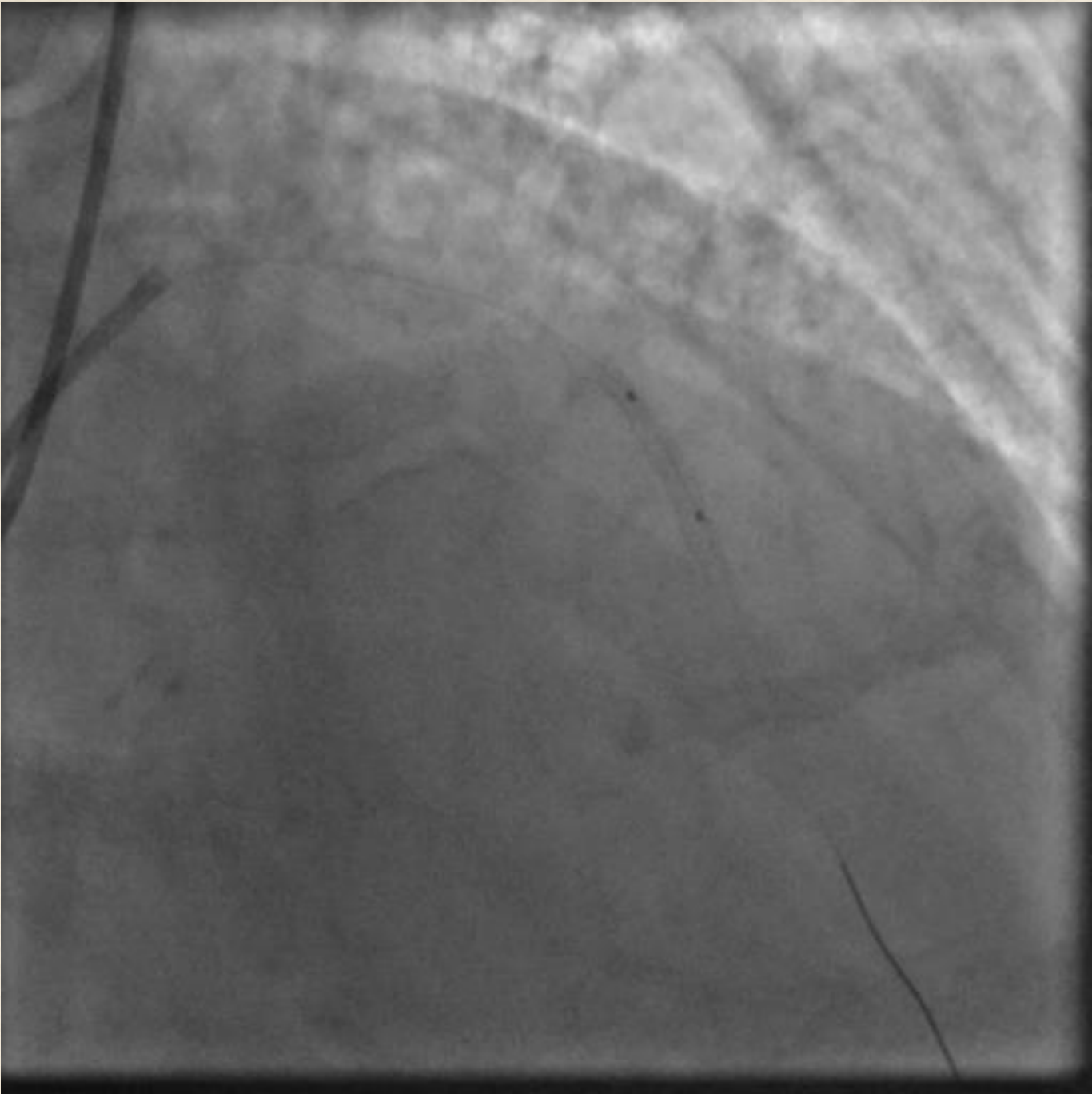




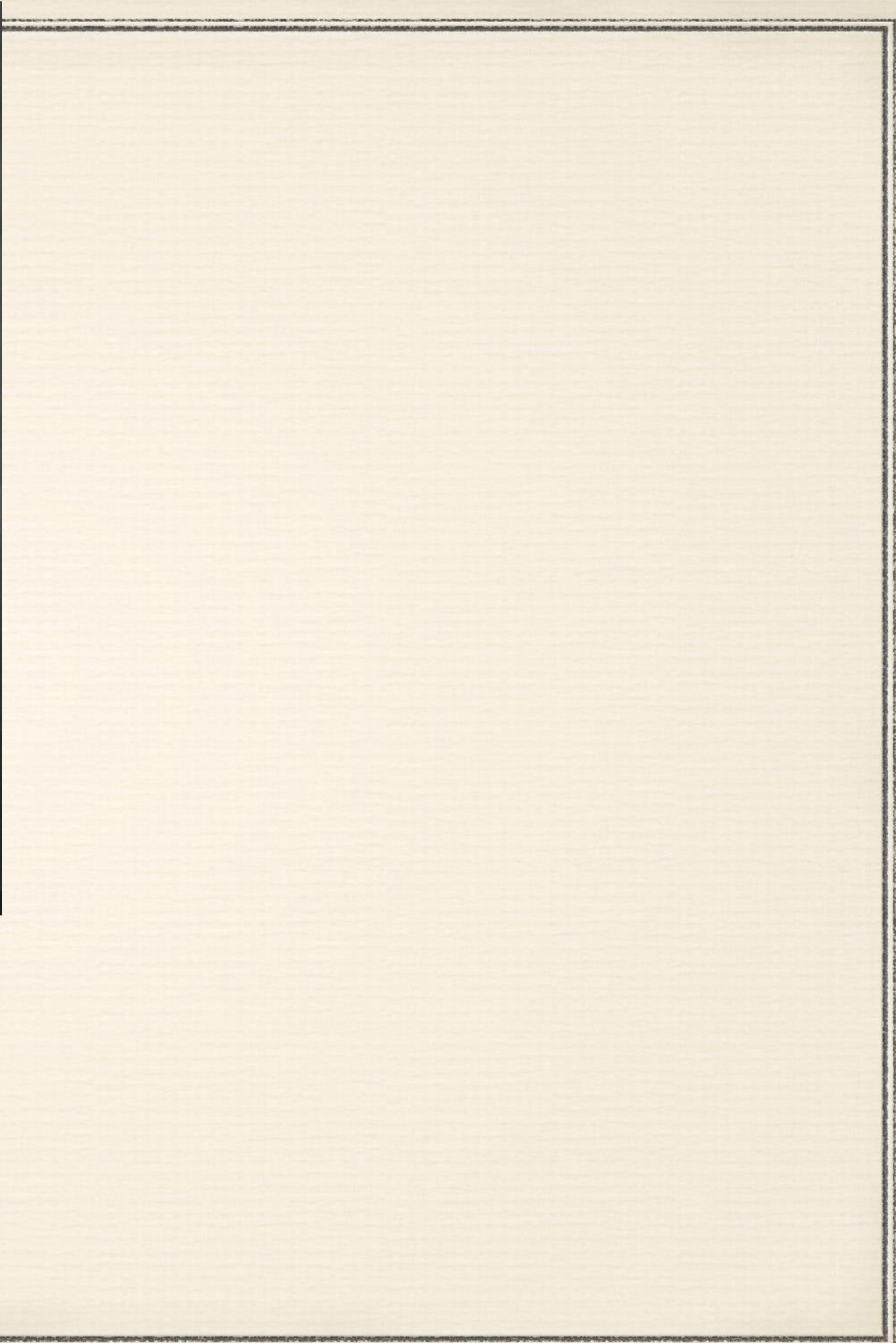
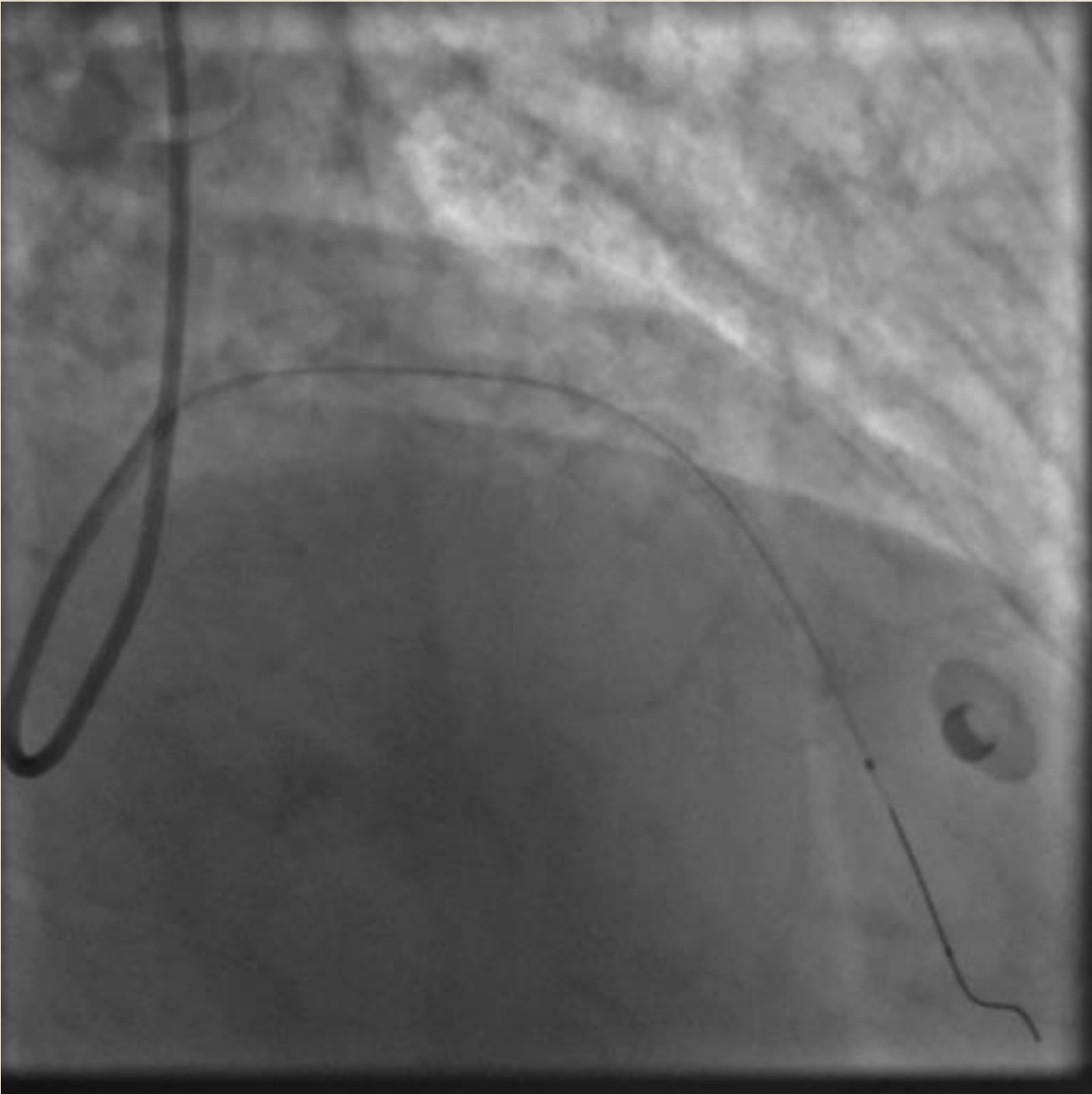








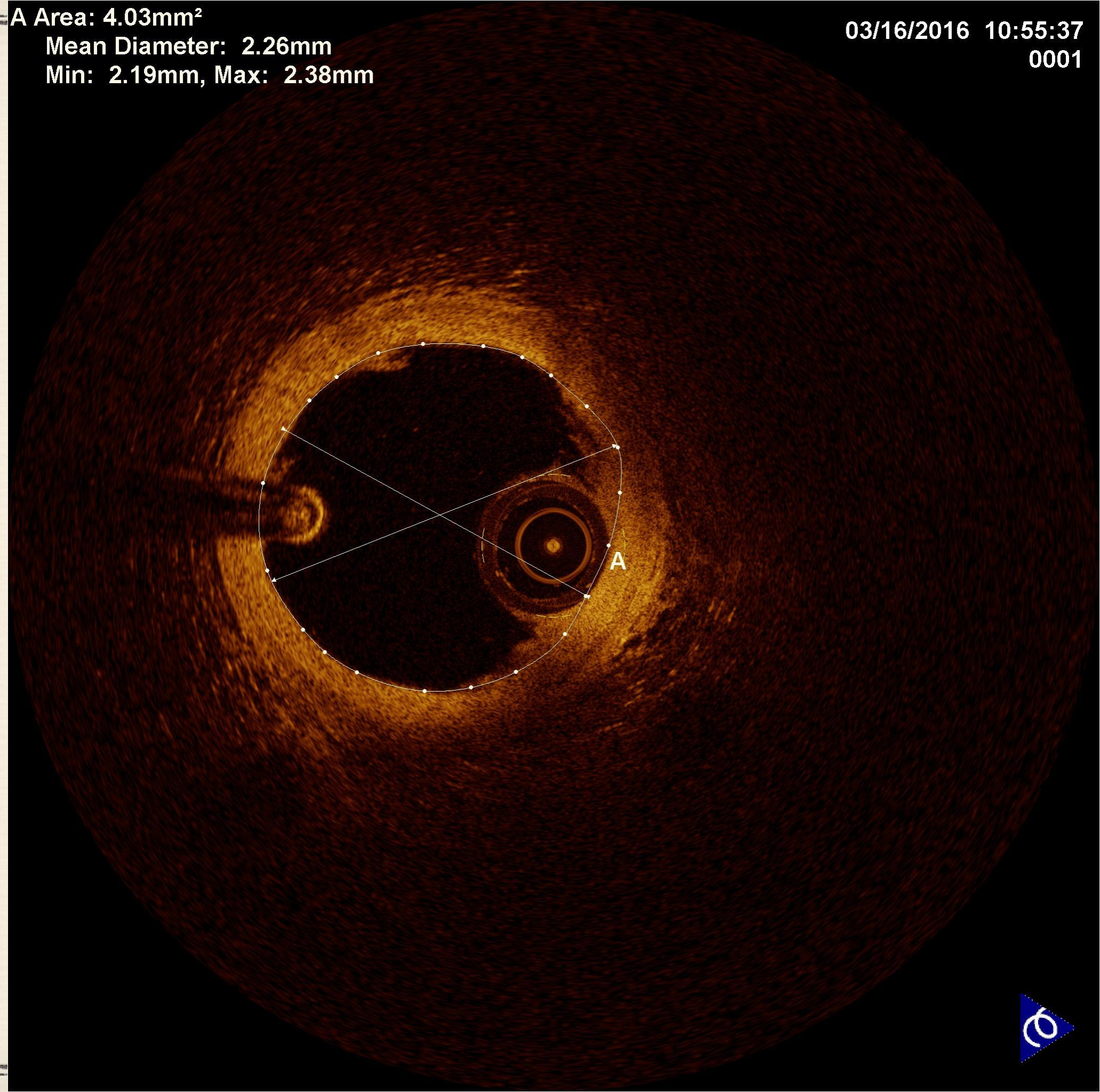






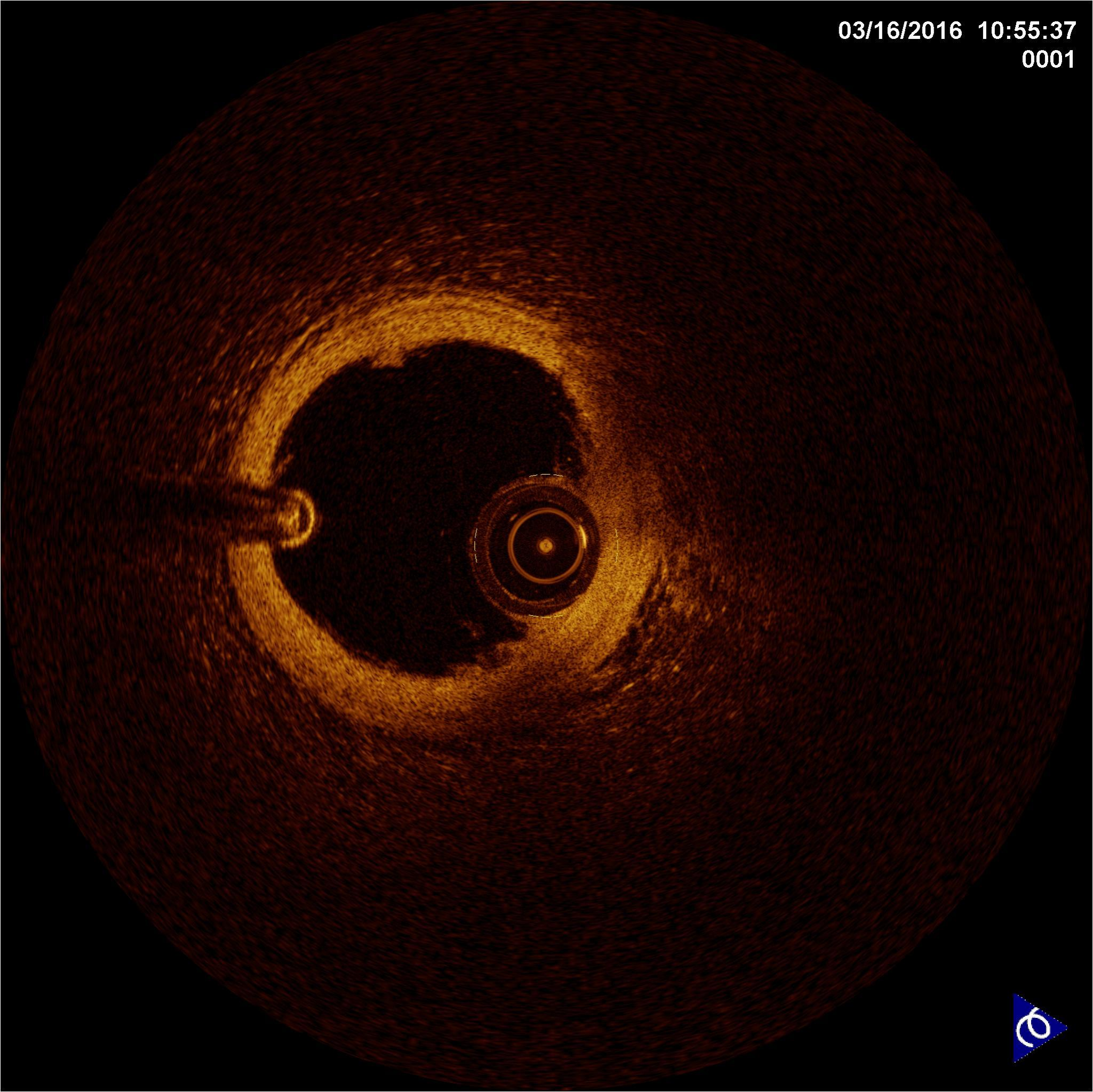
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Mean Diameter: 2.26mm  
Min: 2.19mm, Max: 2.38mm

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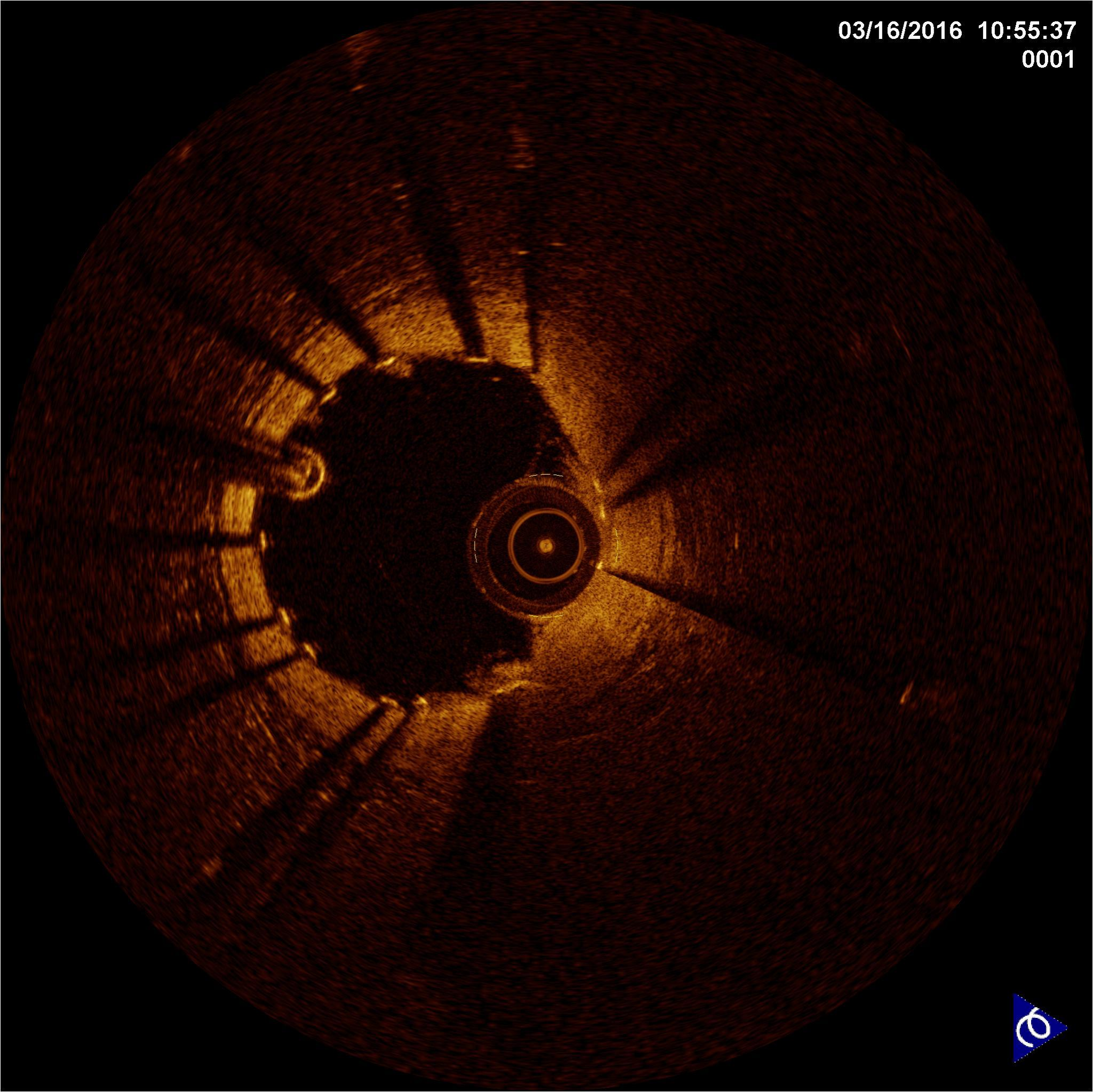


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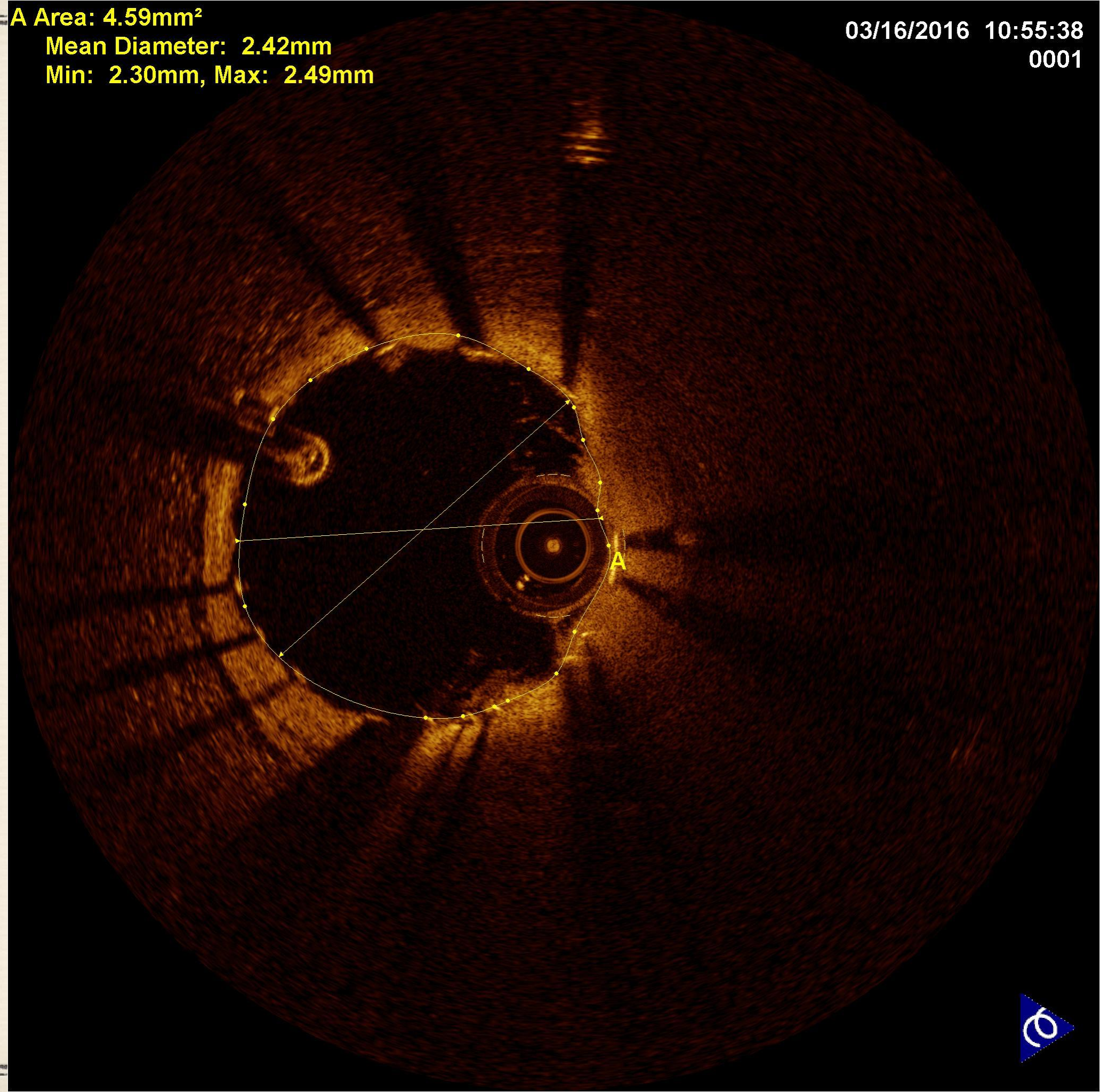
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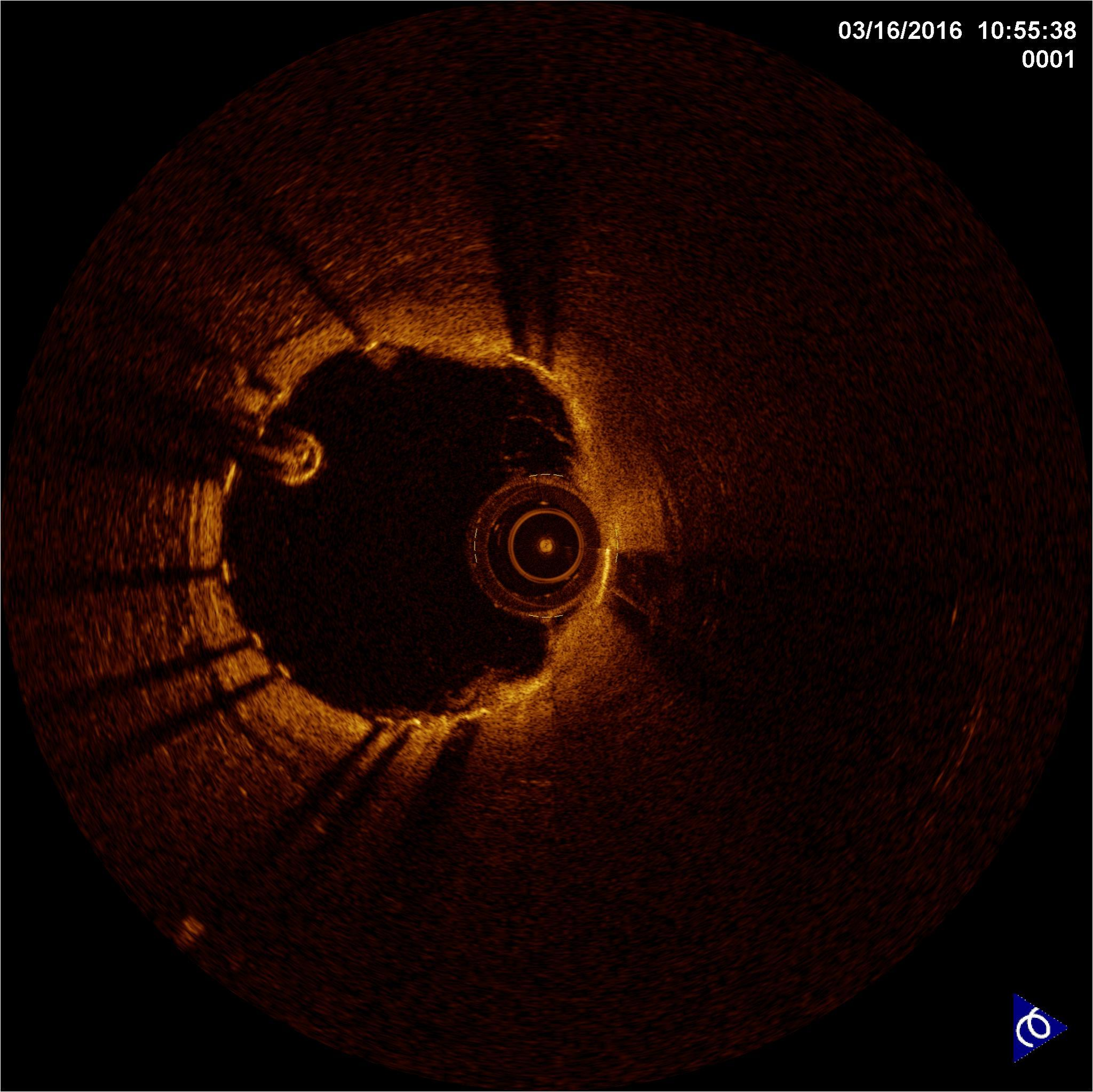
**A Area: 4.59mm<sup>2</sup>**  
**Mean Diameter: 2.42mm**  
**Min: 2.30mm, Max: 2.49mm**

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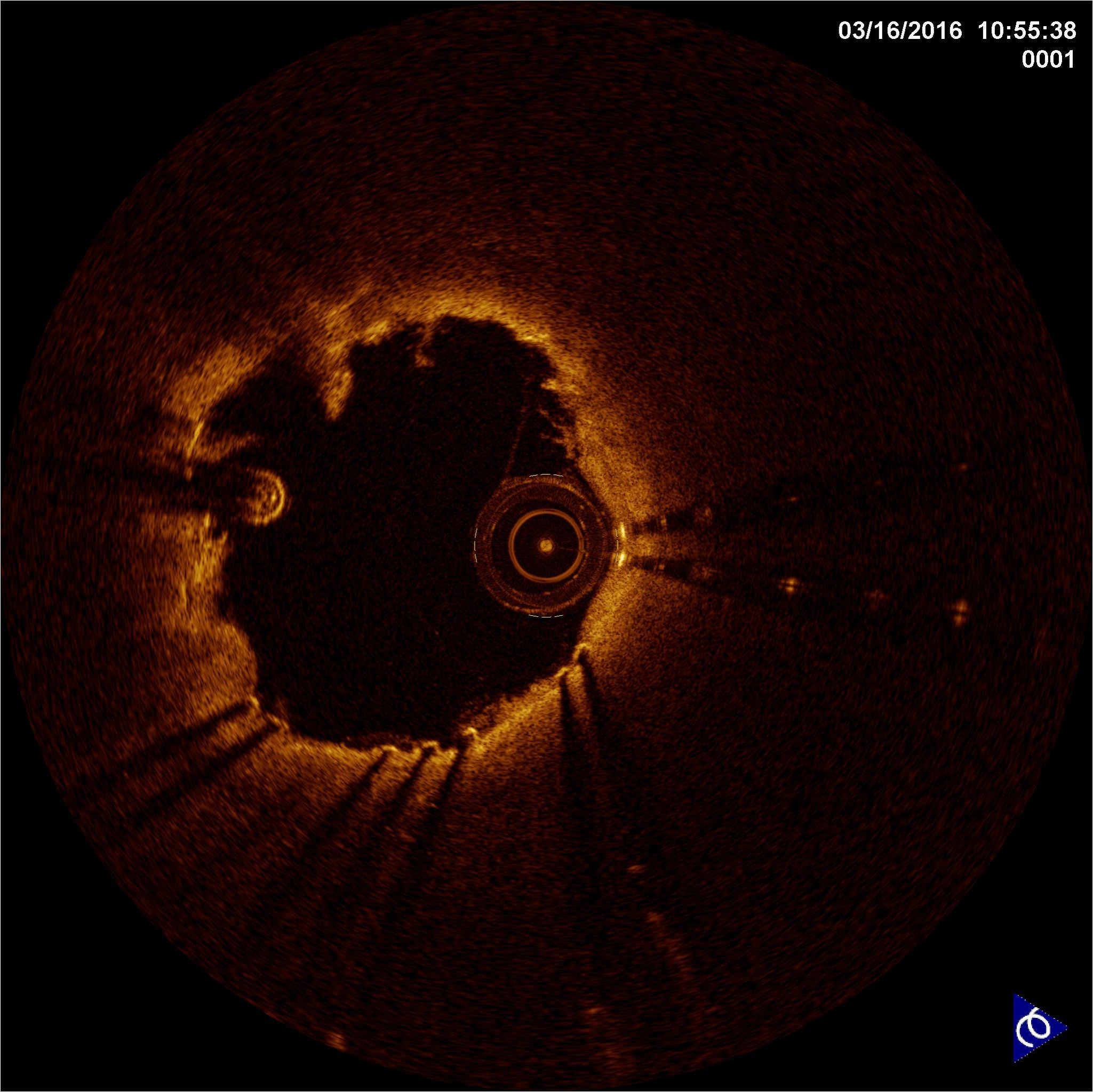


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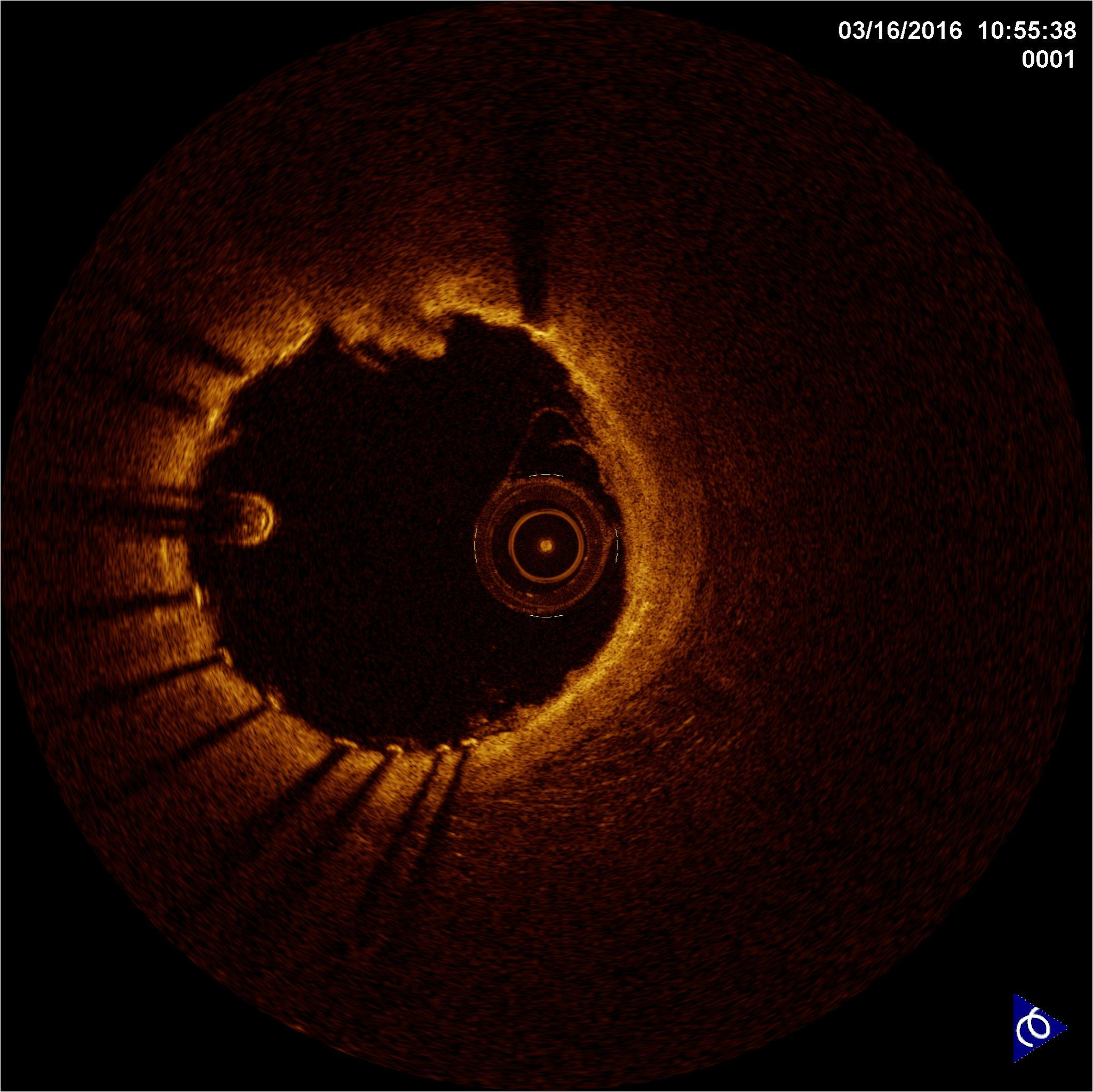


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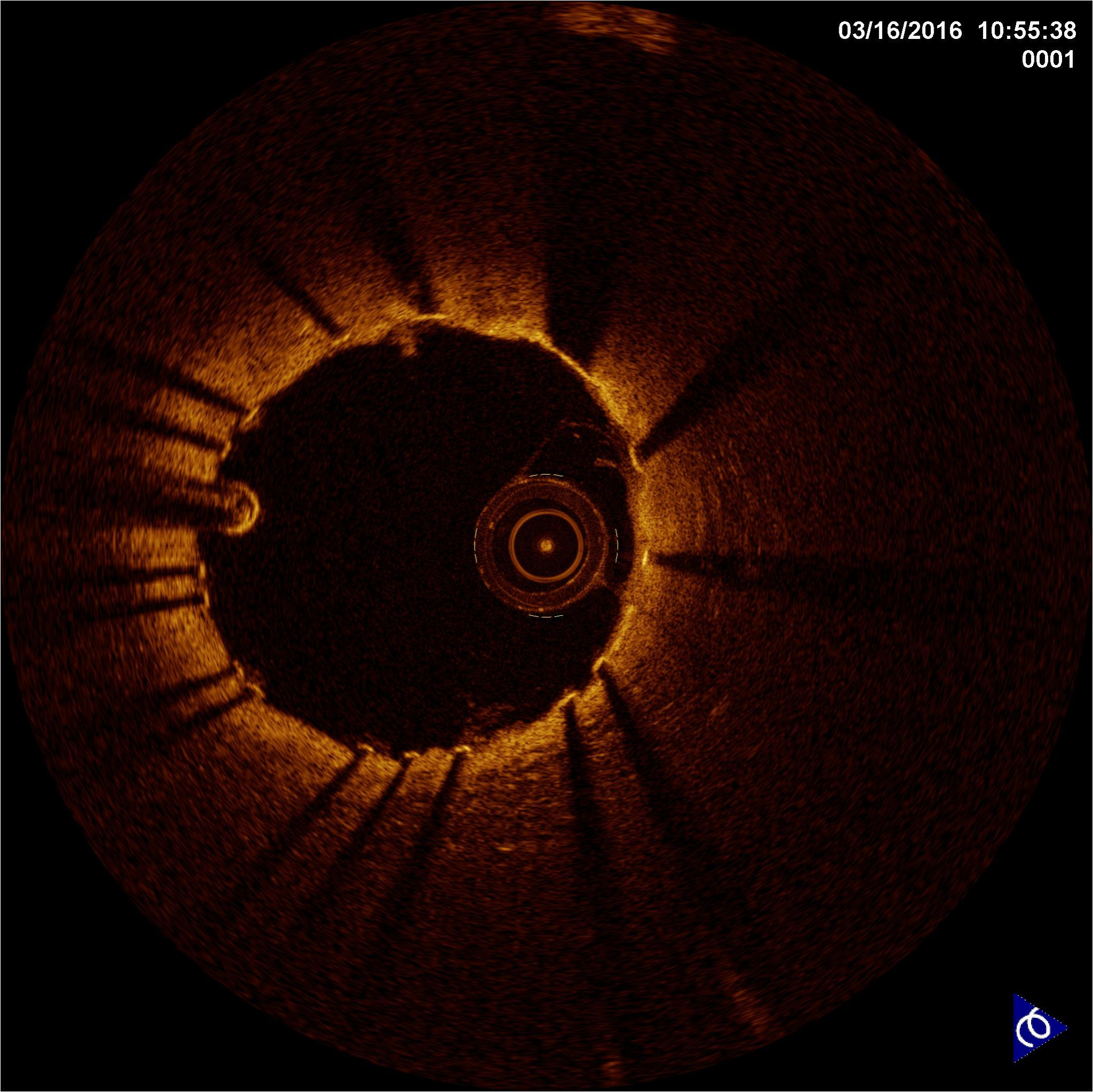


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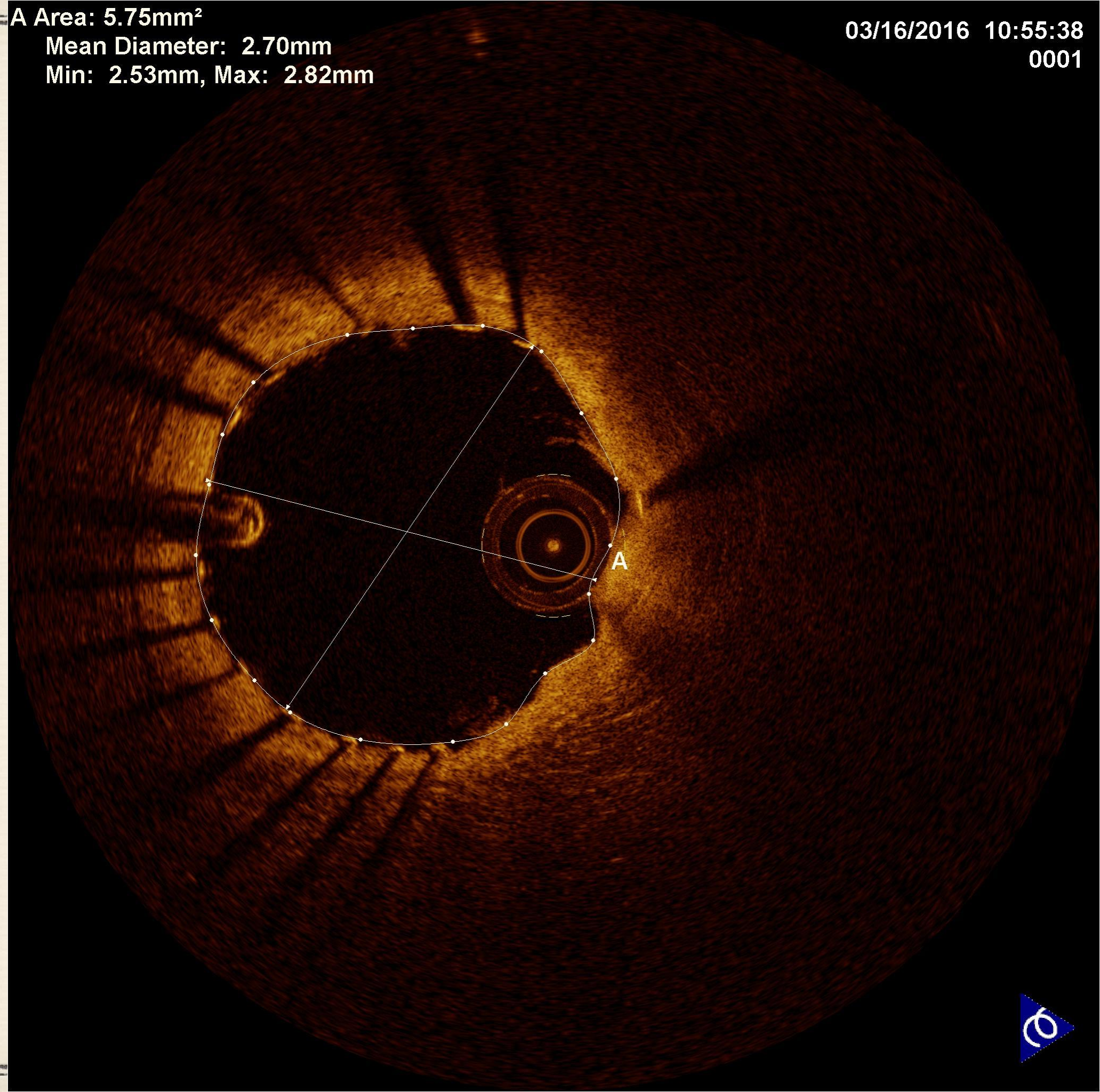
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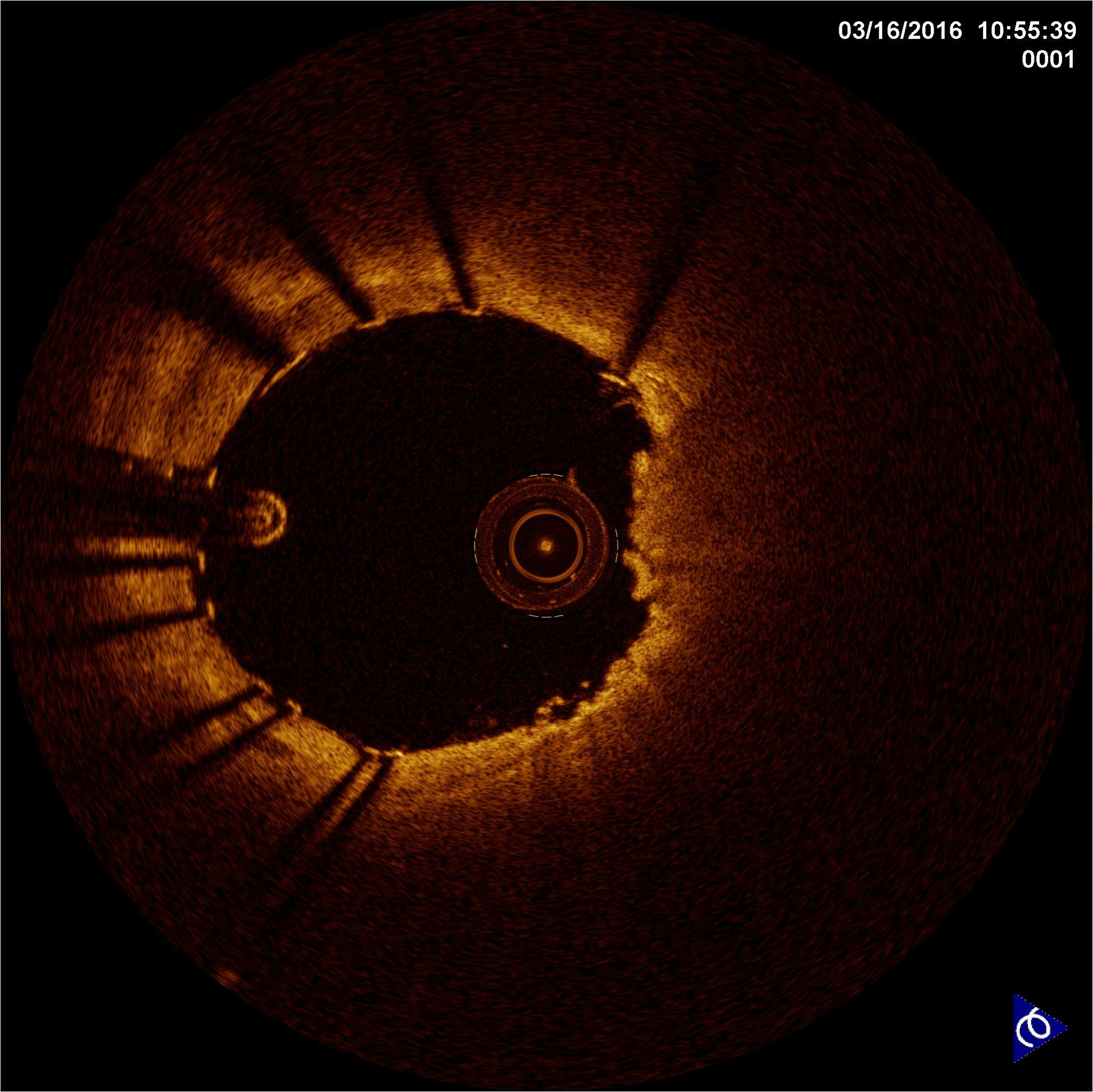
A Area: 5.75mm<sup>2</sup>  
Mean Diameter: 2.70mm  
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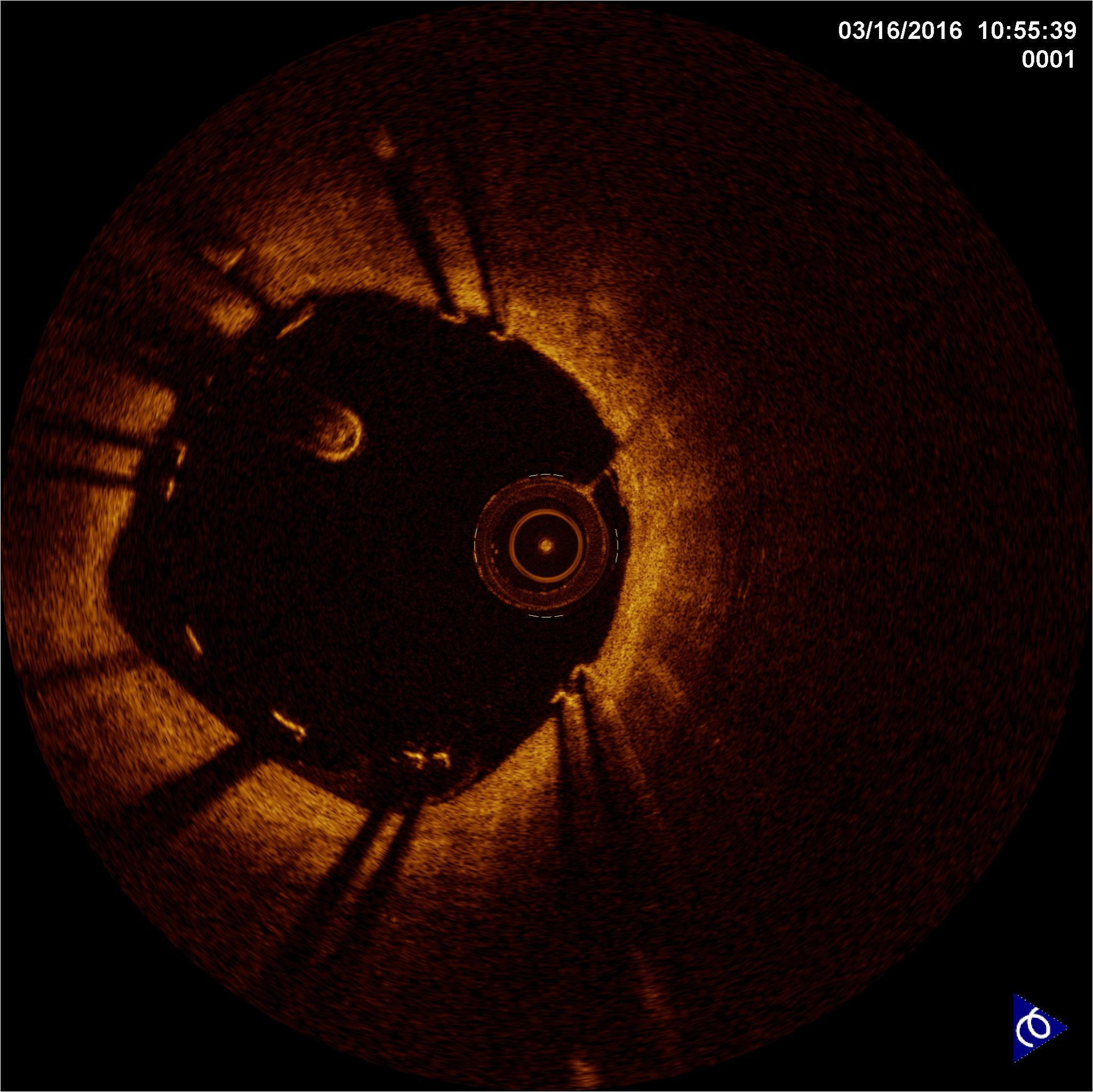
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**A Area: 7.95mm<sup>2</sup>**

**Mean Diameter: 3.18mm**

**Min: 2.91mm, Max: 3.42mm**

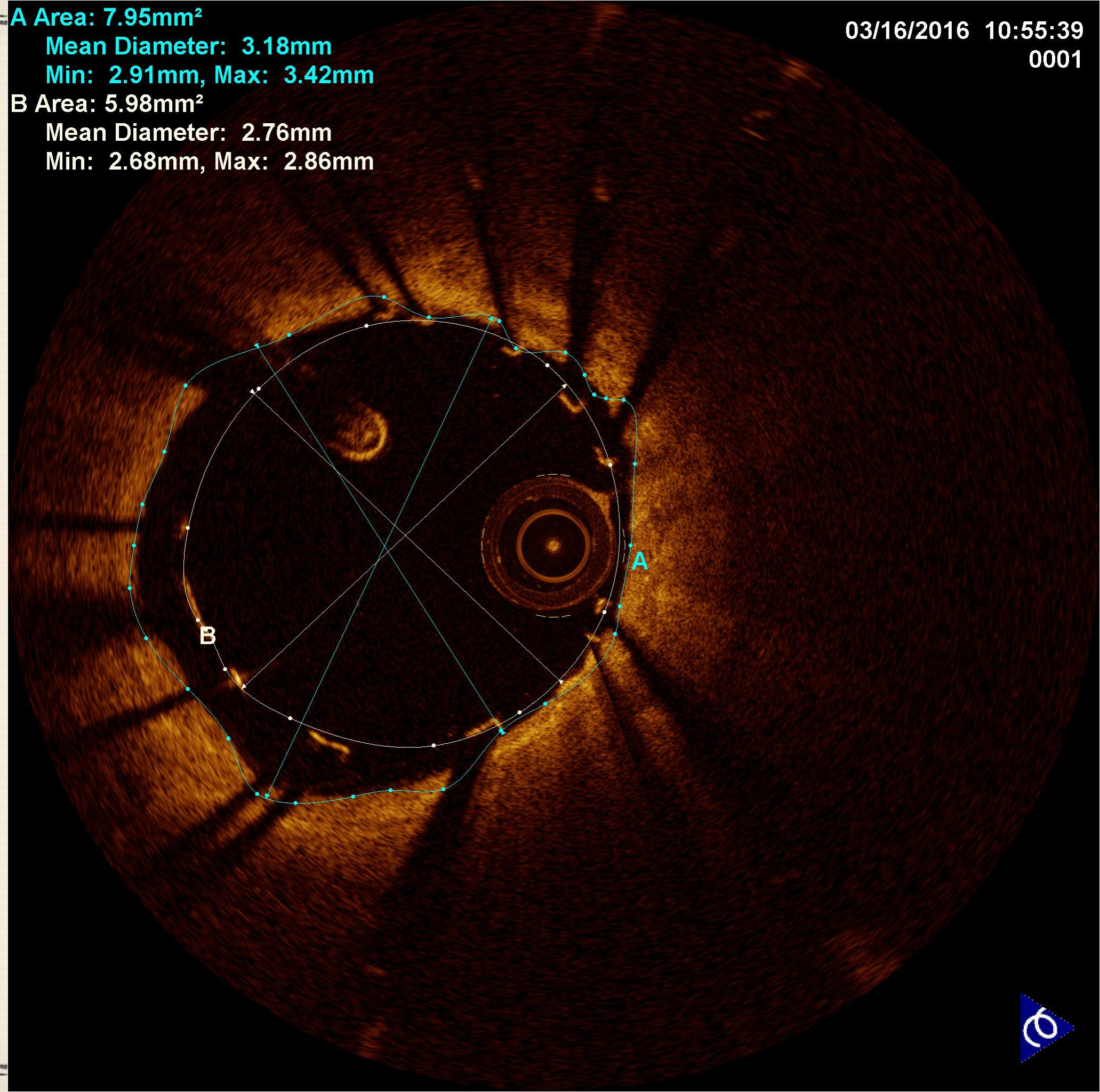
**B Area: 5.98mm<sup>2</sup>**

**Mean Diameter: 2.76mm**

**Min: 2.68mm, Max: 2.86mm**

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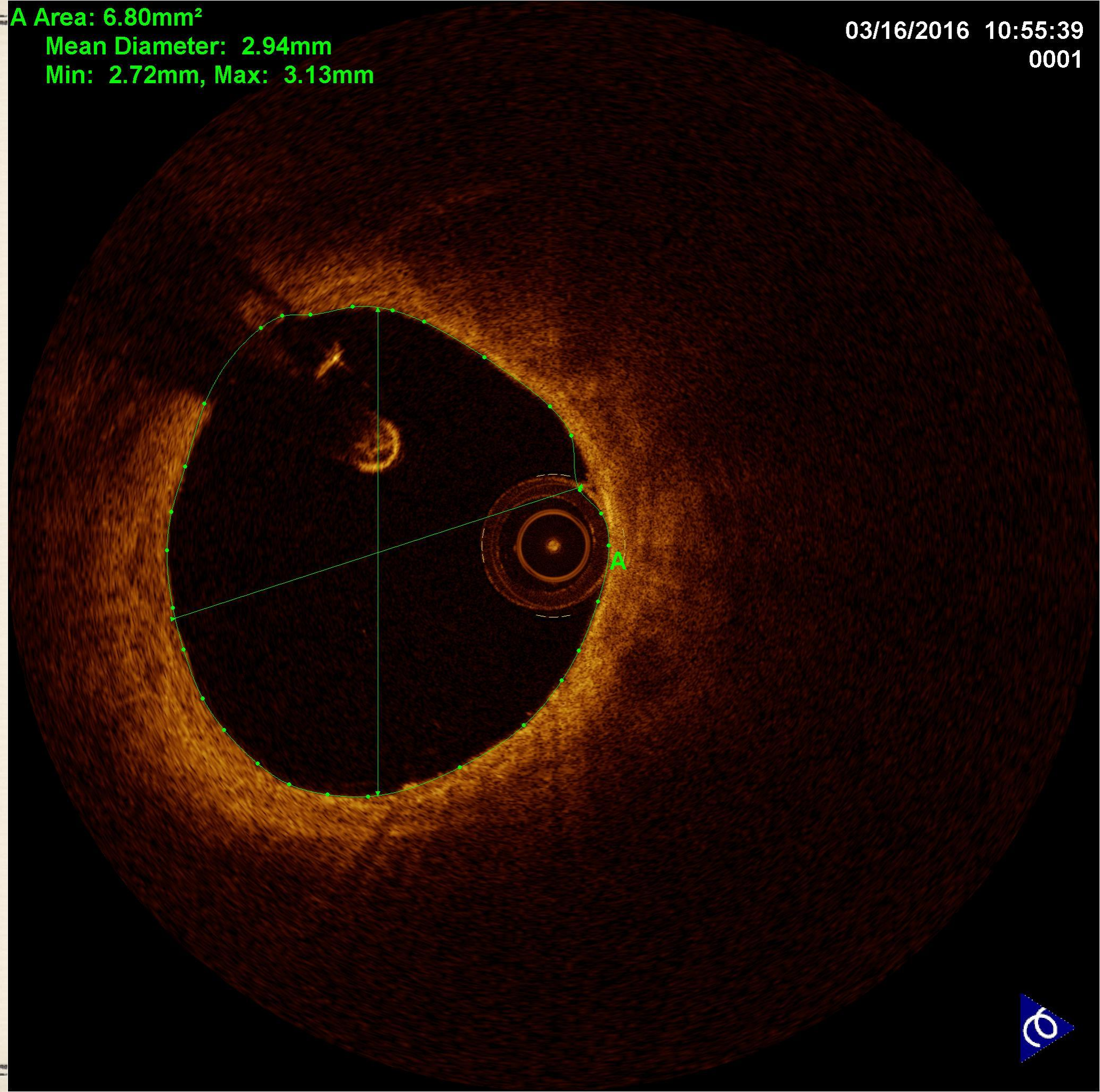
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A Area: 6.80mm<sup>2</sup>  
Mean Diameter: 2.94mm  
Min: 2.72mm, Max: 3.13mm

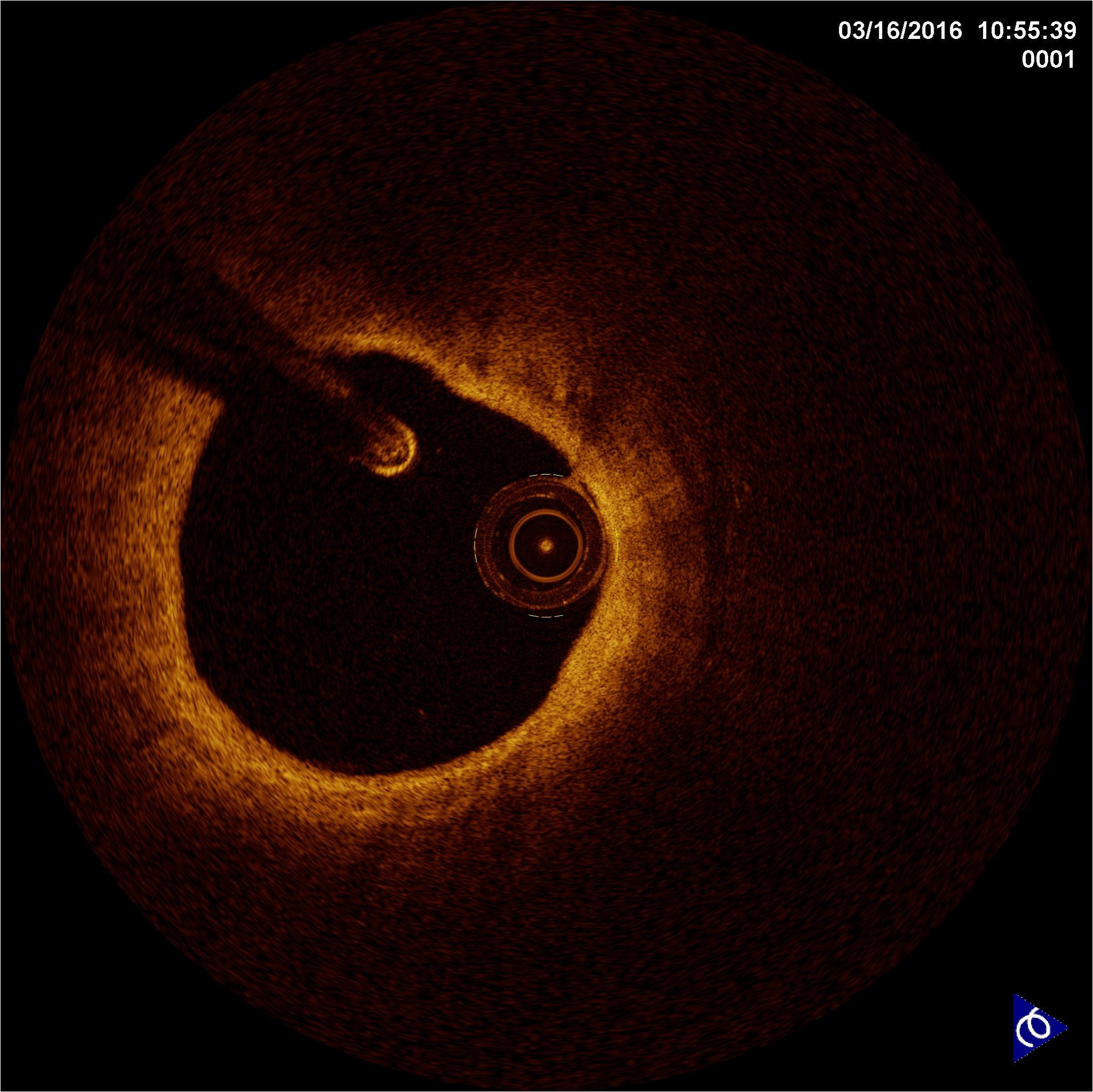
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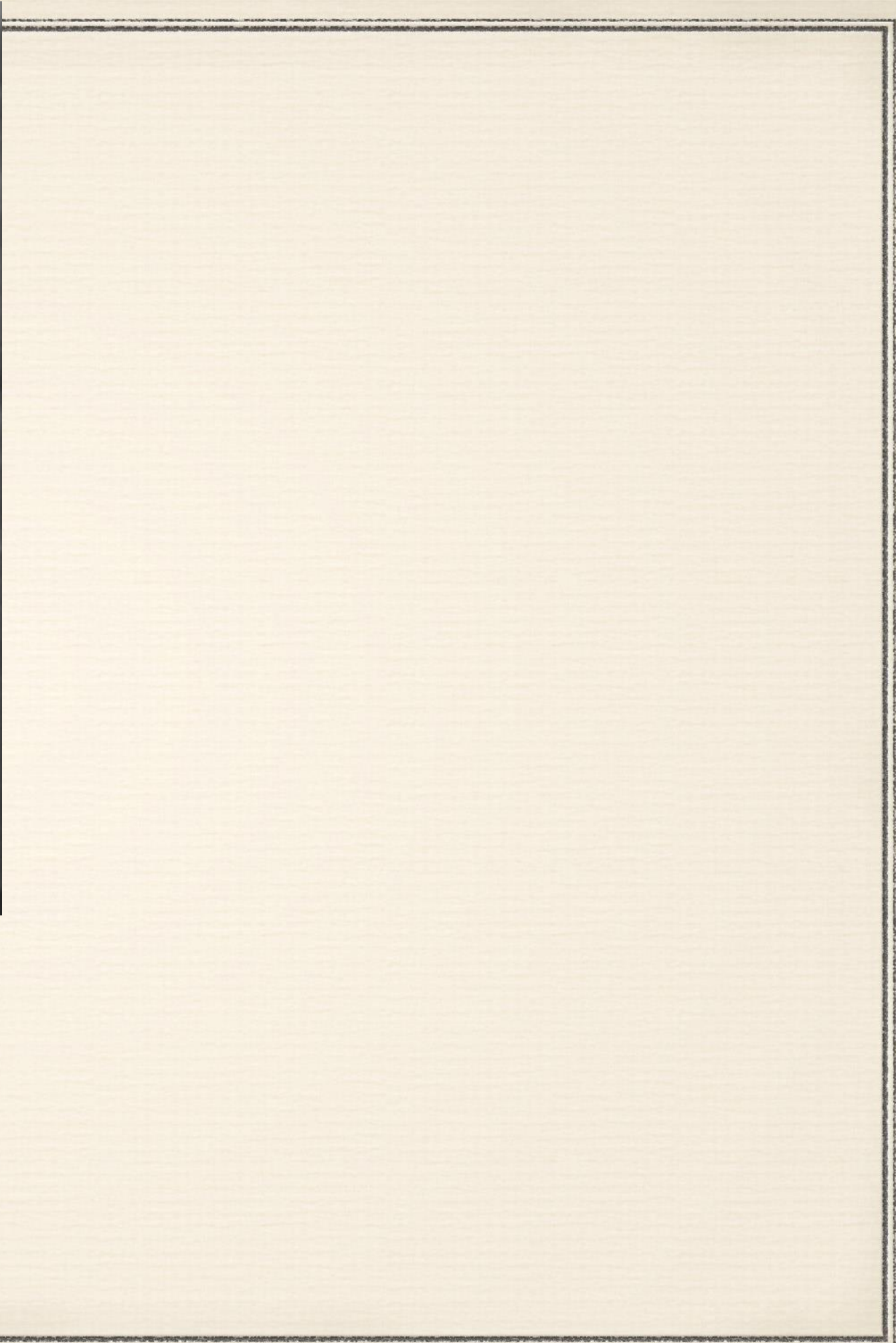
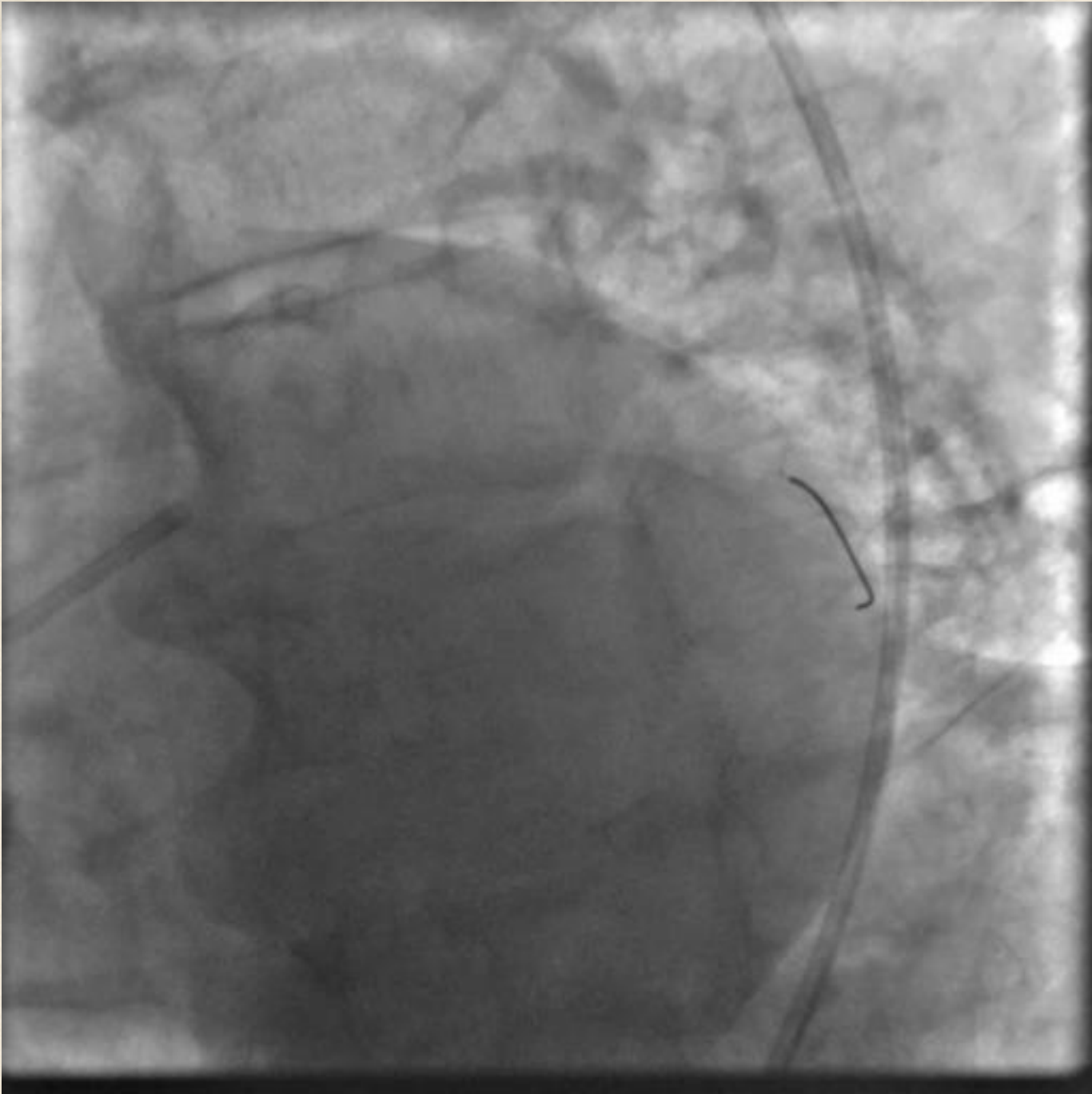


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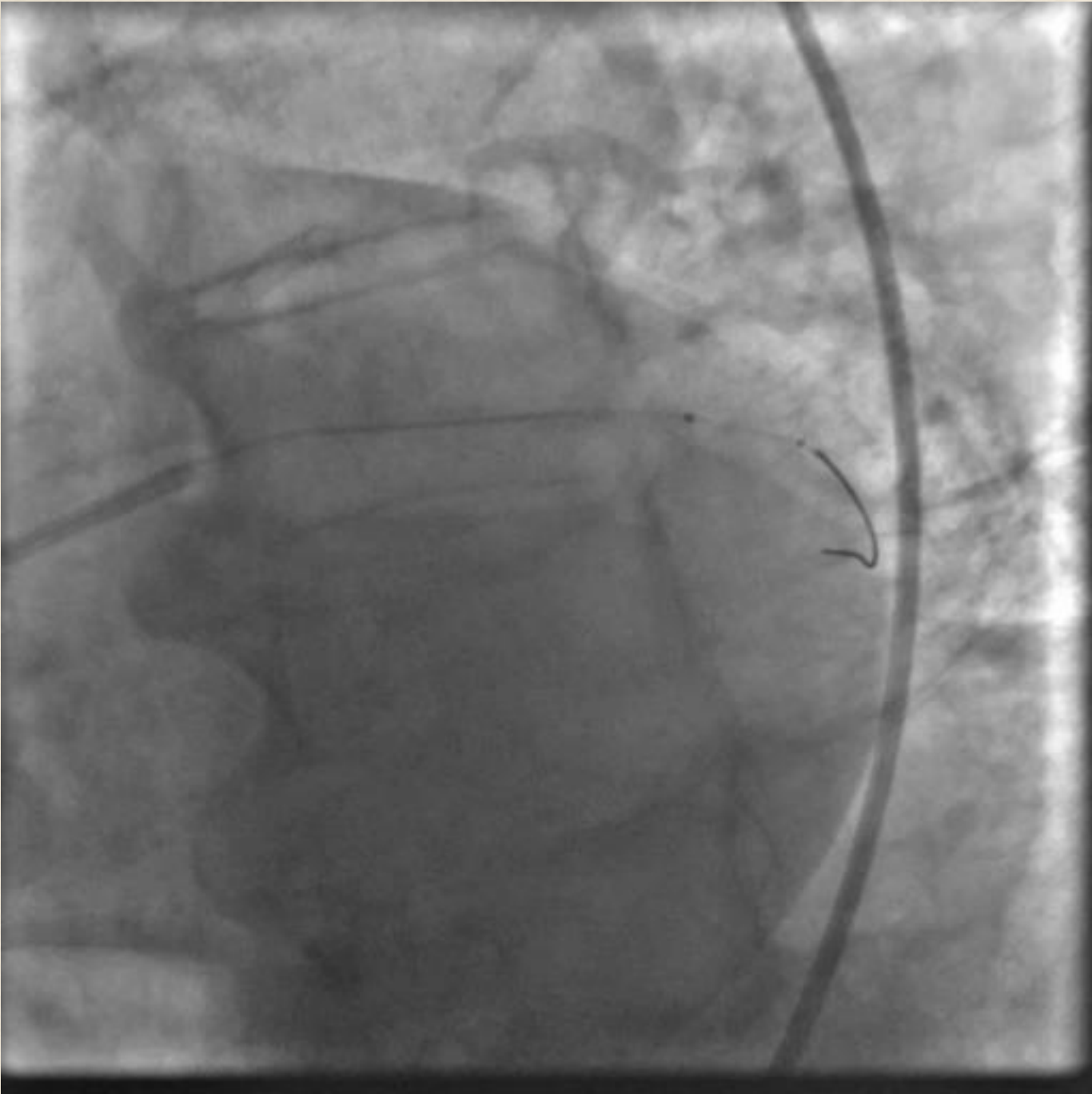
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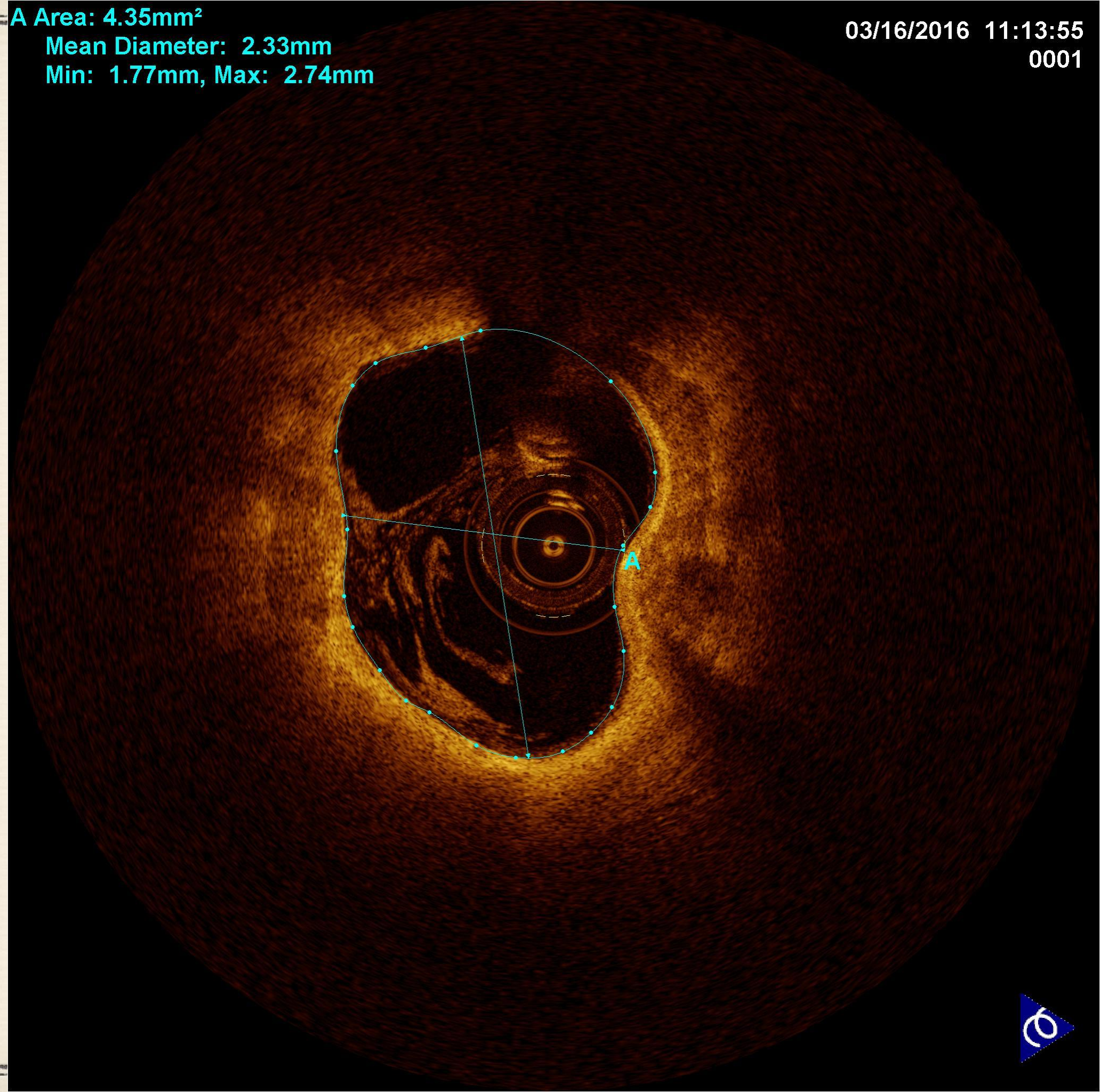






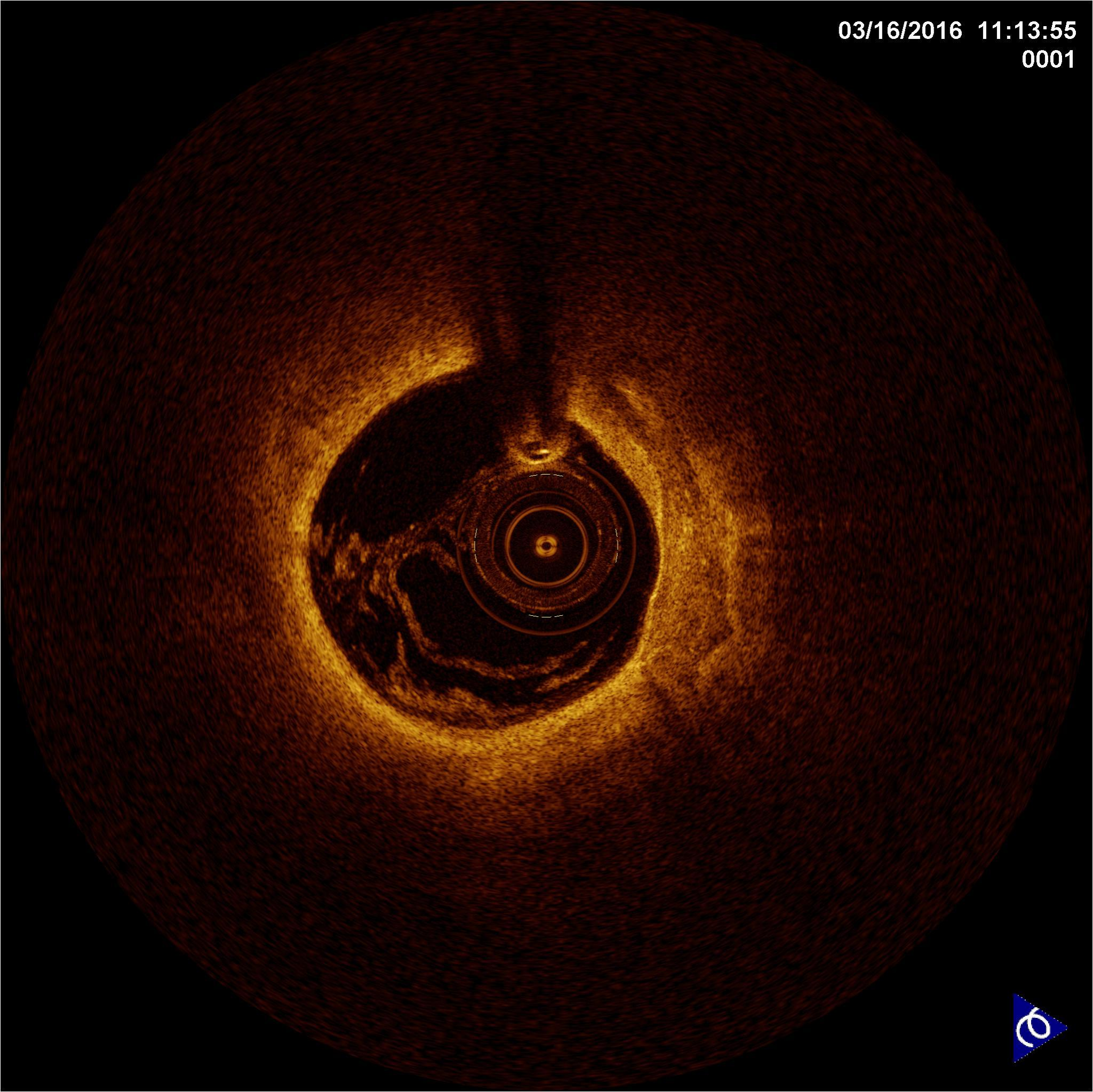
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Mean Diameter: 2.33mm  
Min: 1.77mm, Max: 2.74mm

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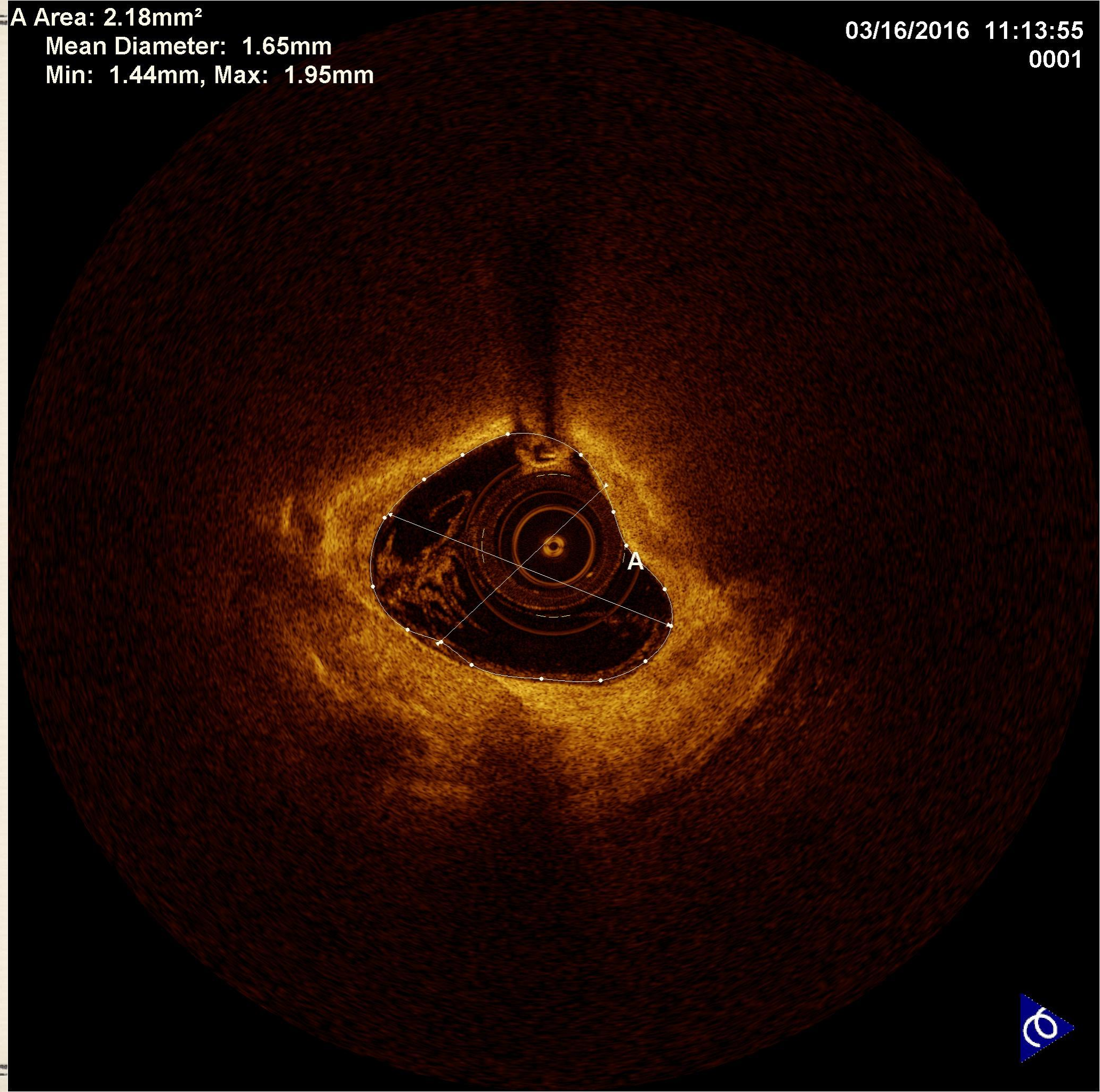
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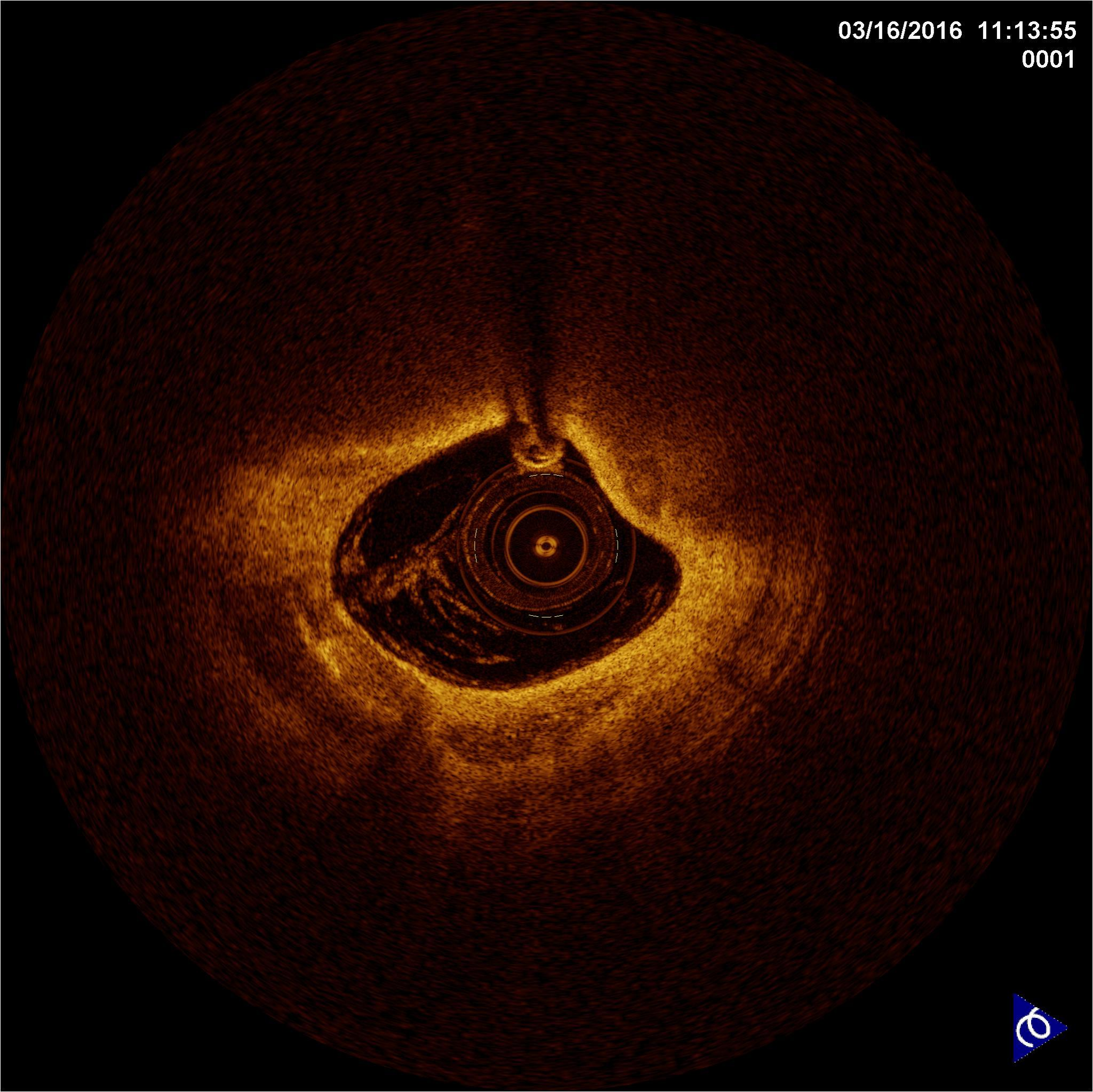
A Area: 2.18mm<sup>2</sup>  
Mean Diameter: 1.65mm  
Min: 1.44mm, Max: 1.95mm

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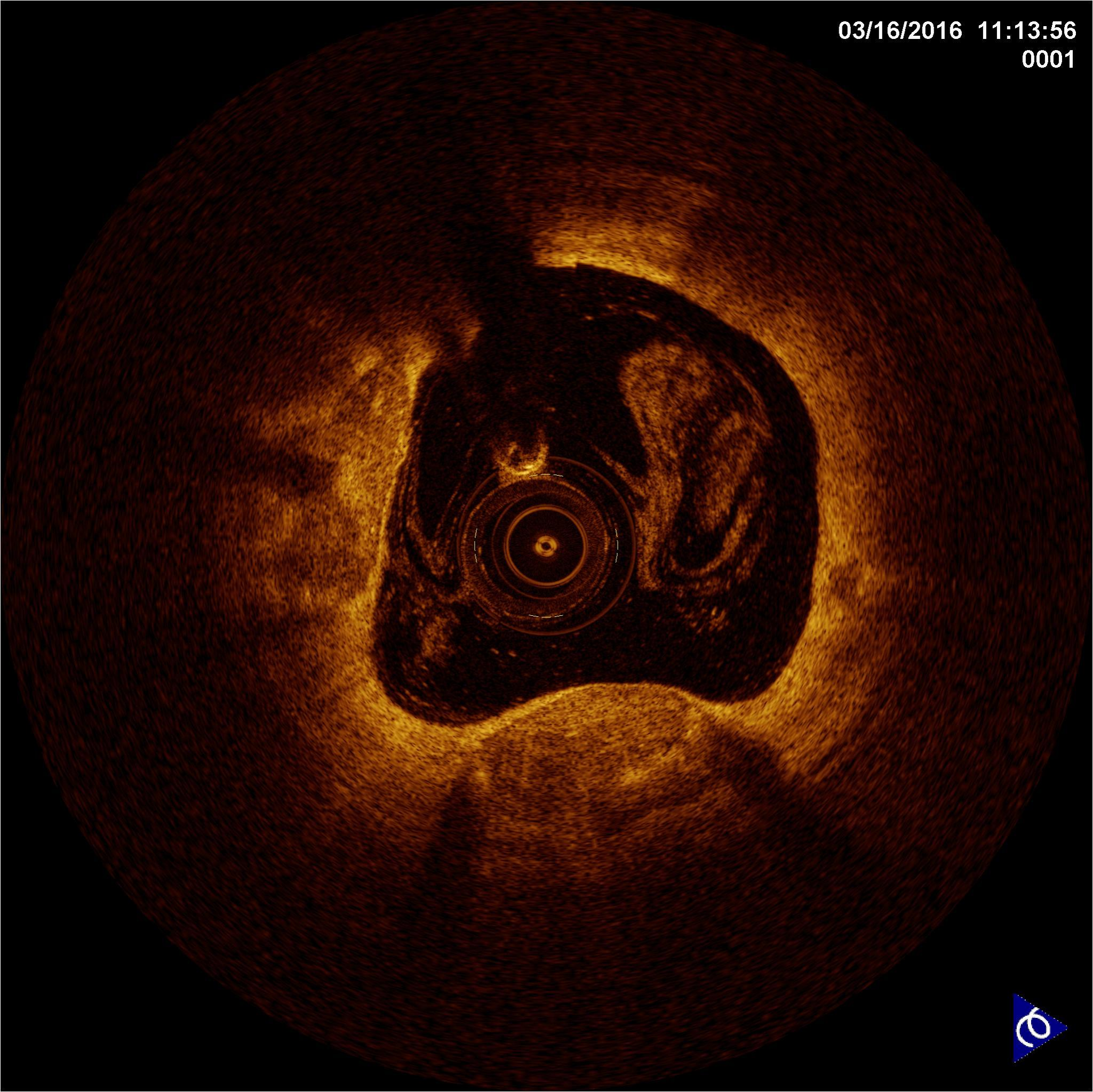


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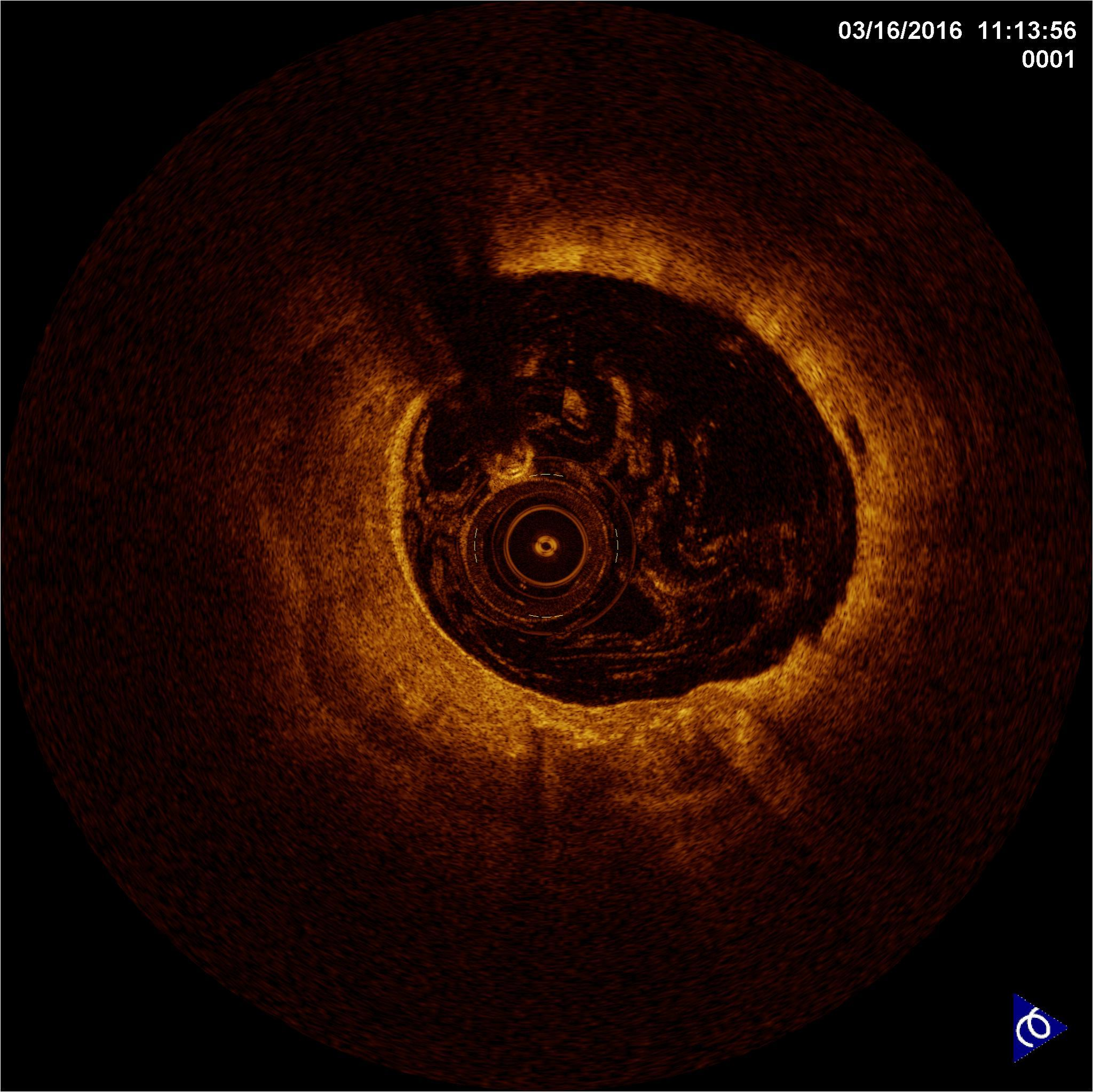


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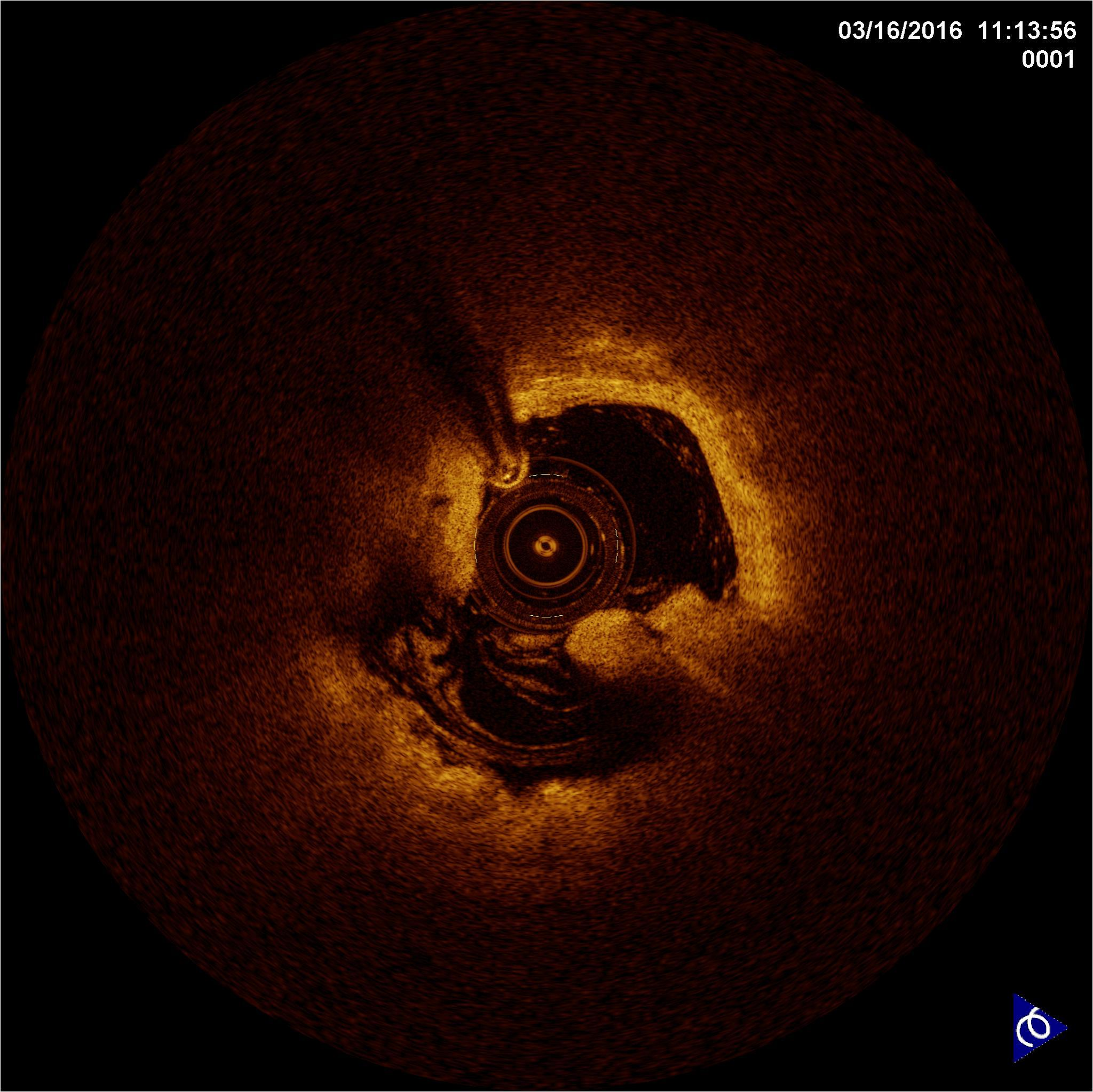


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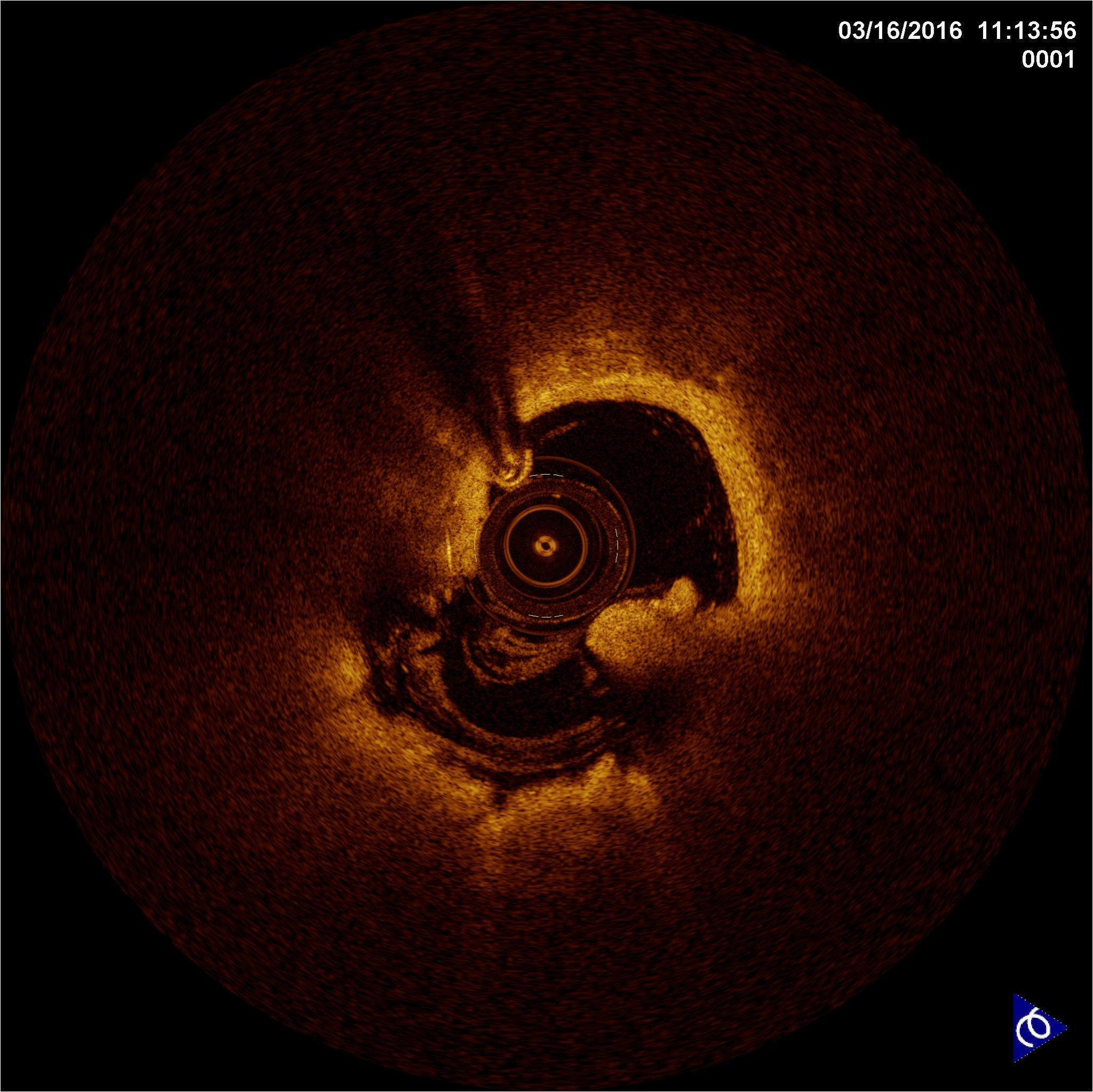


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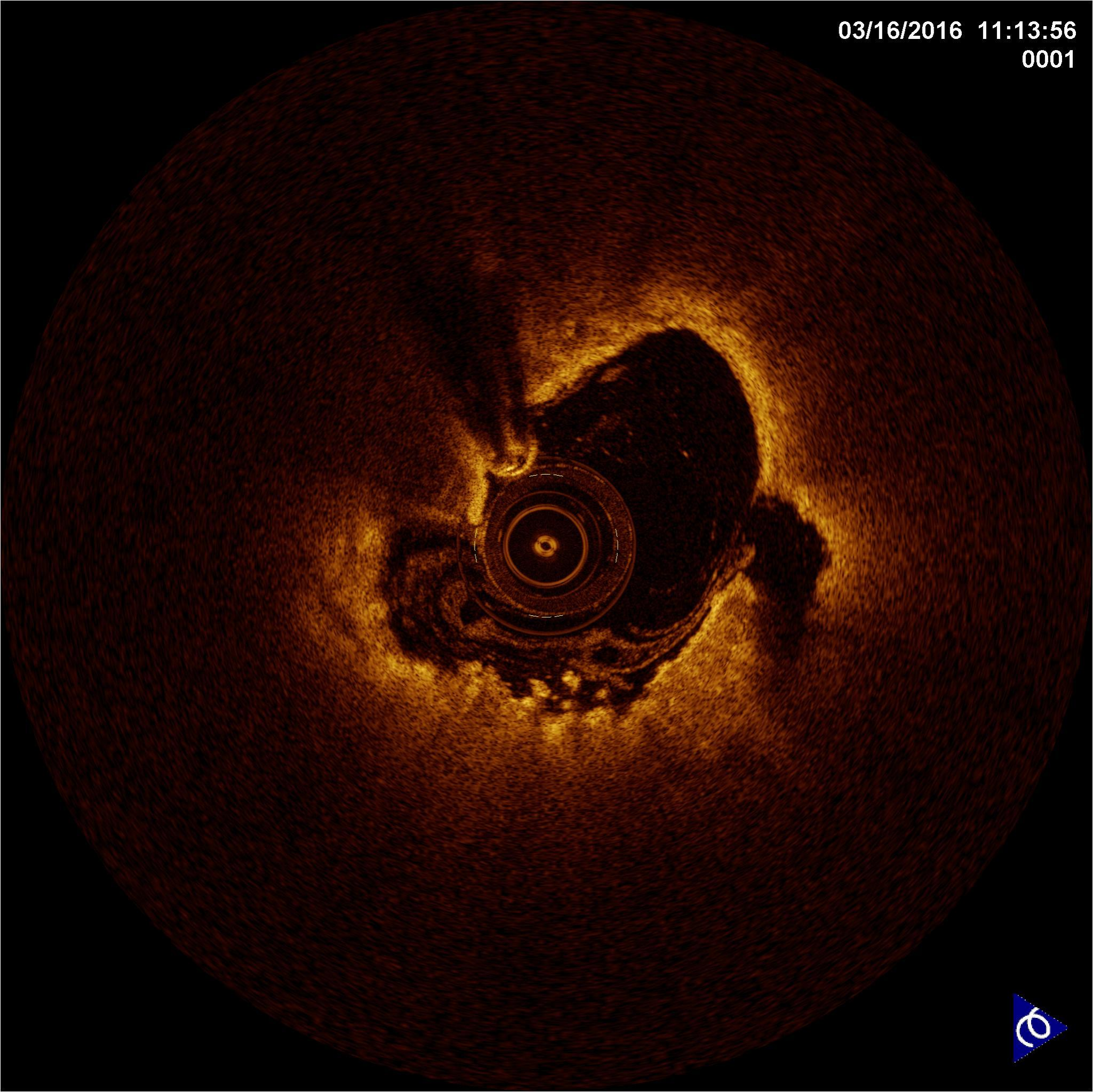


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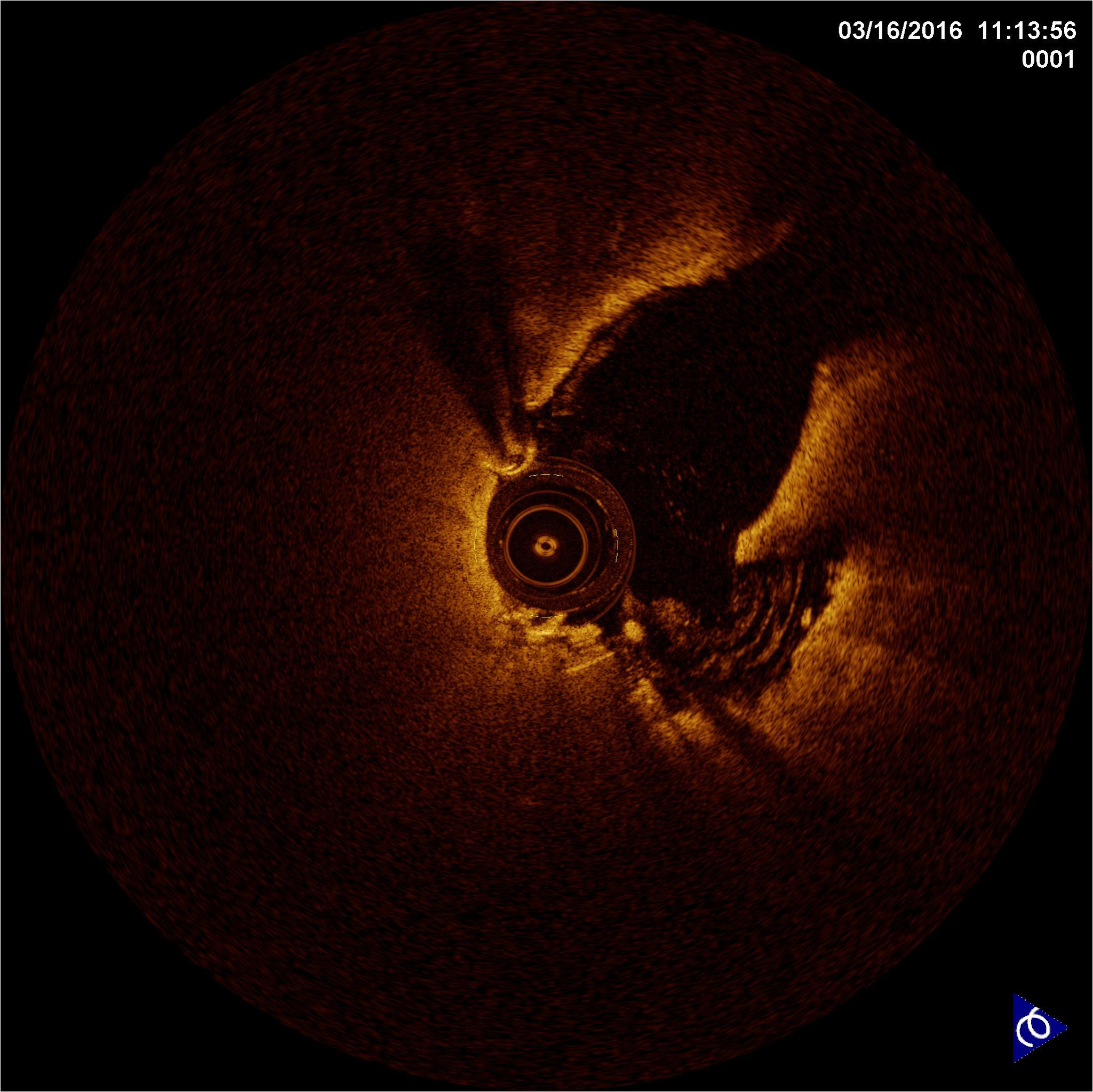


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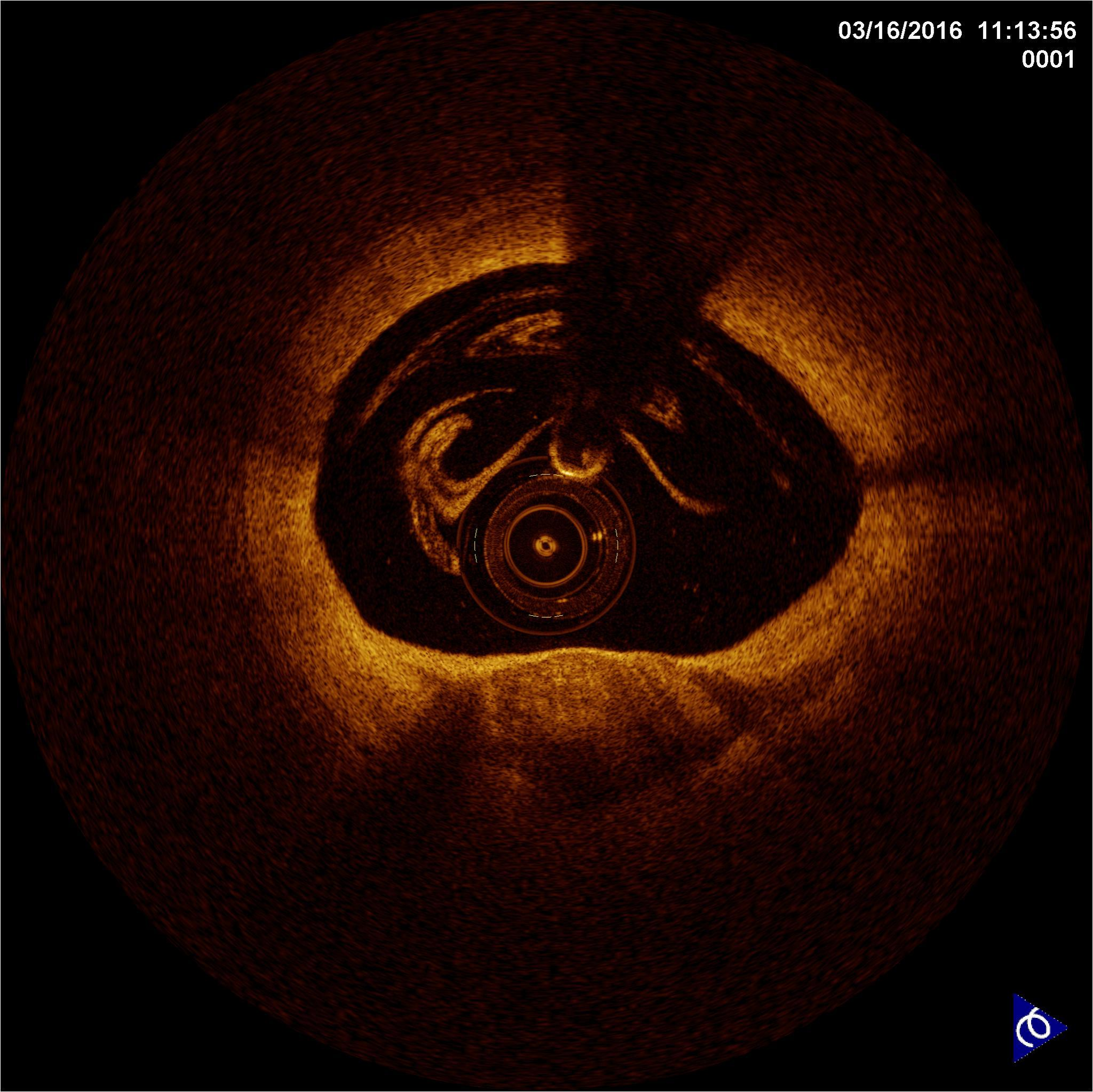


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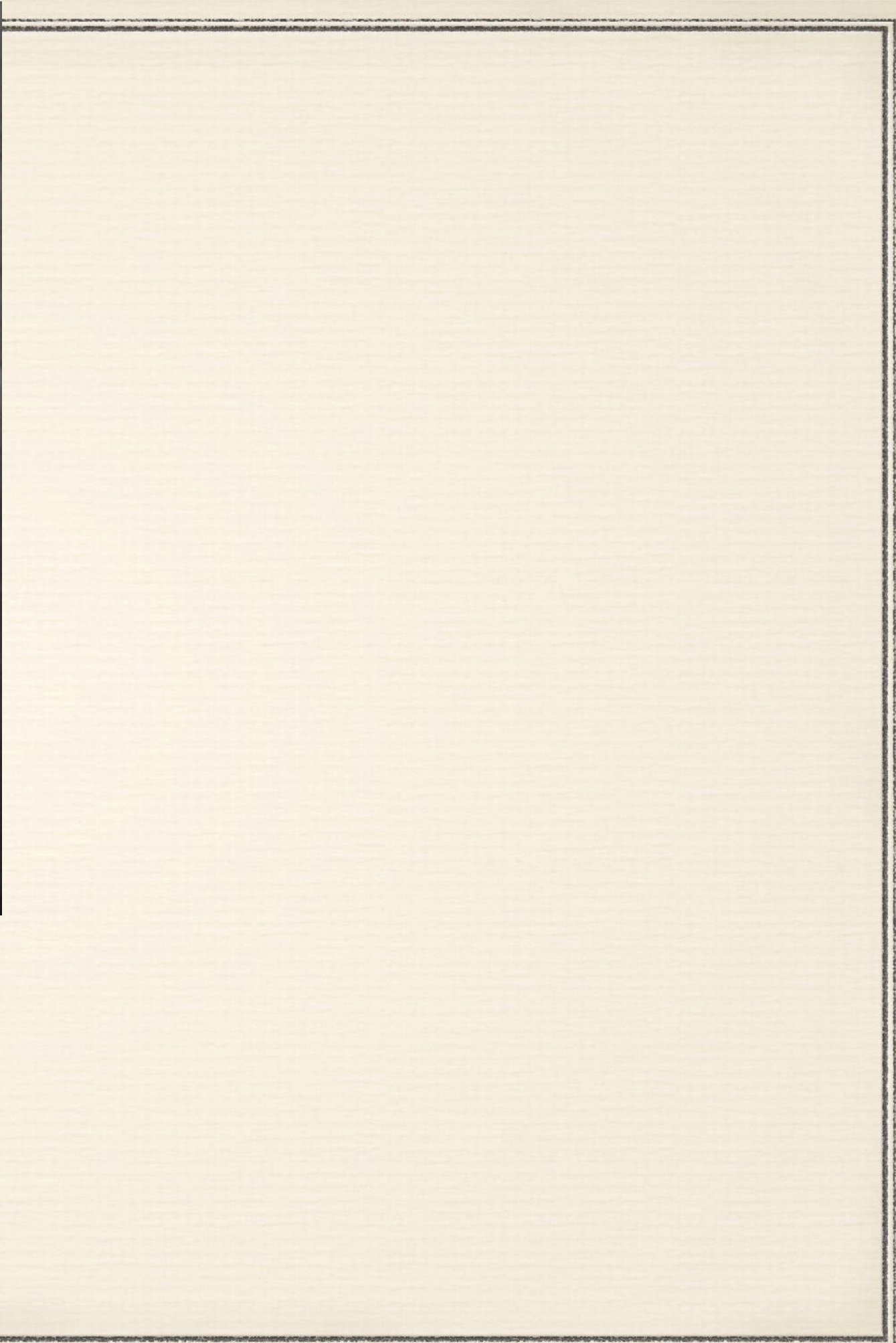
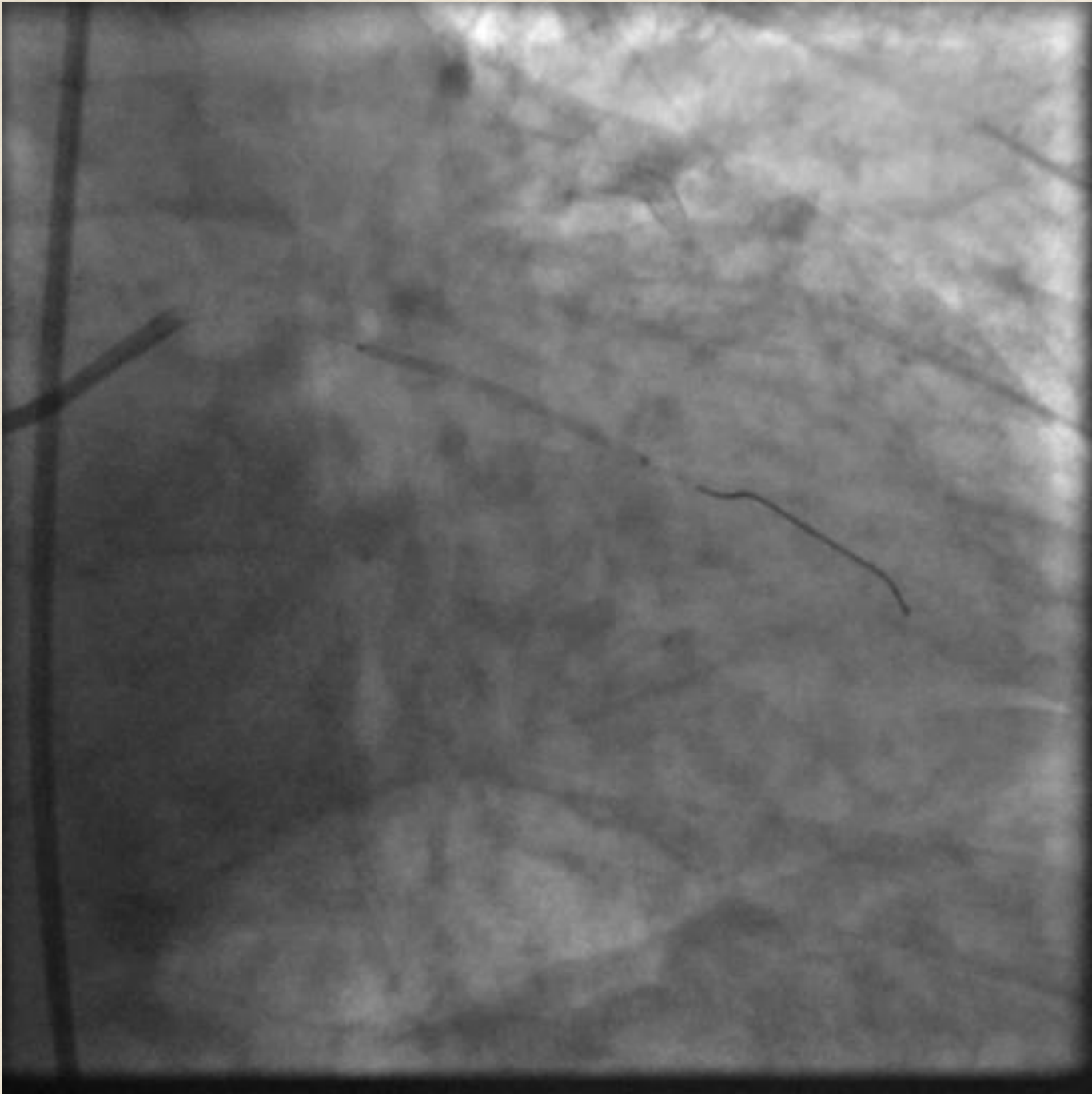




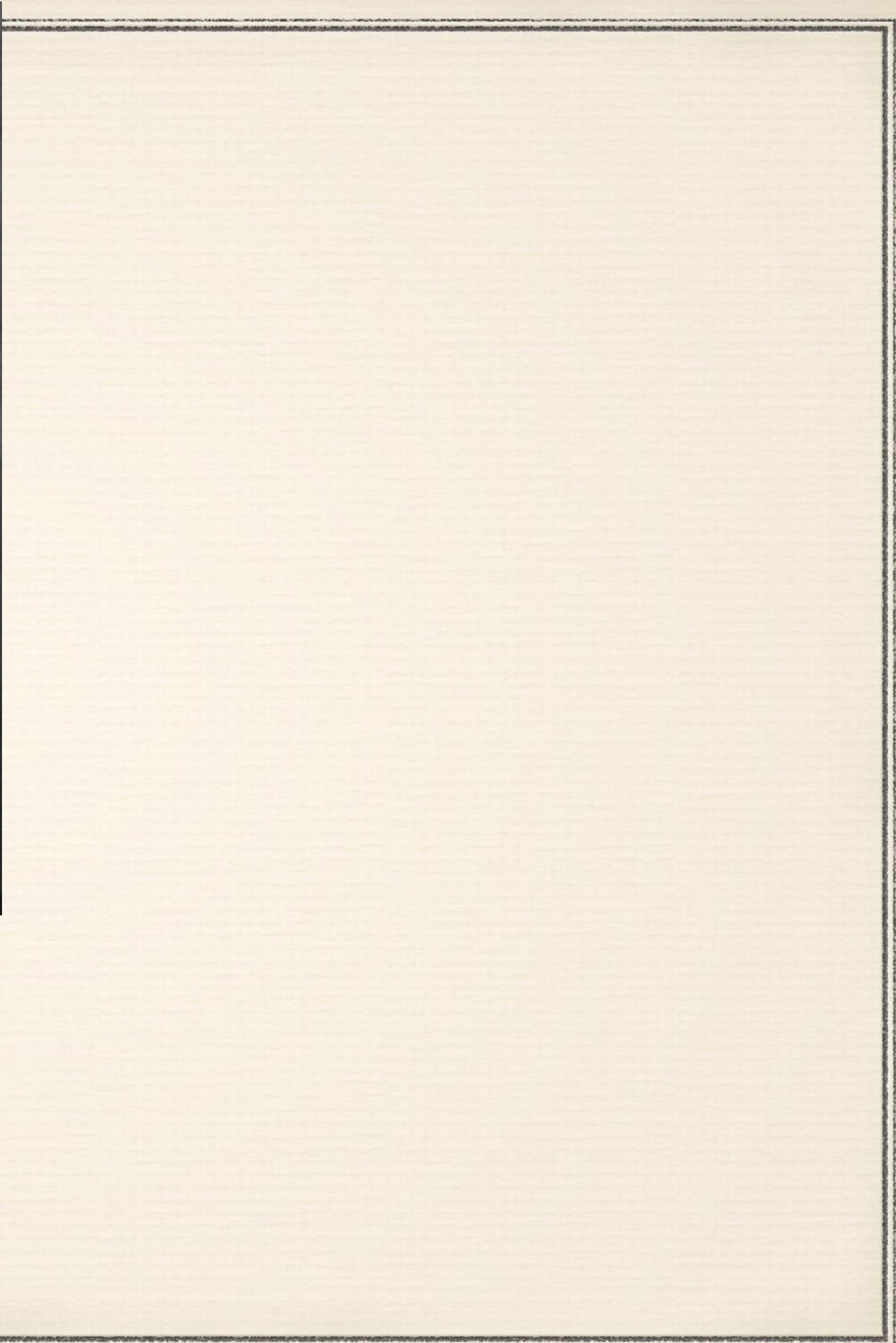
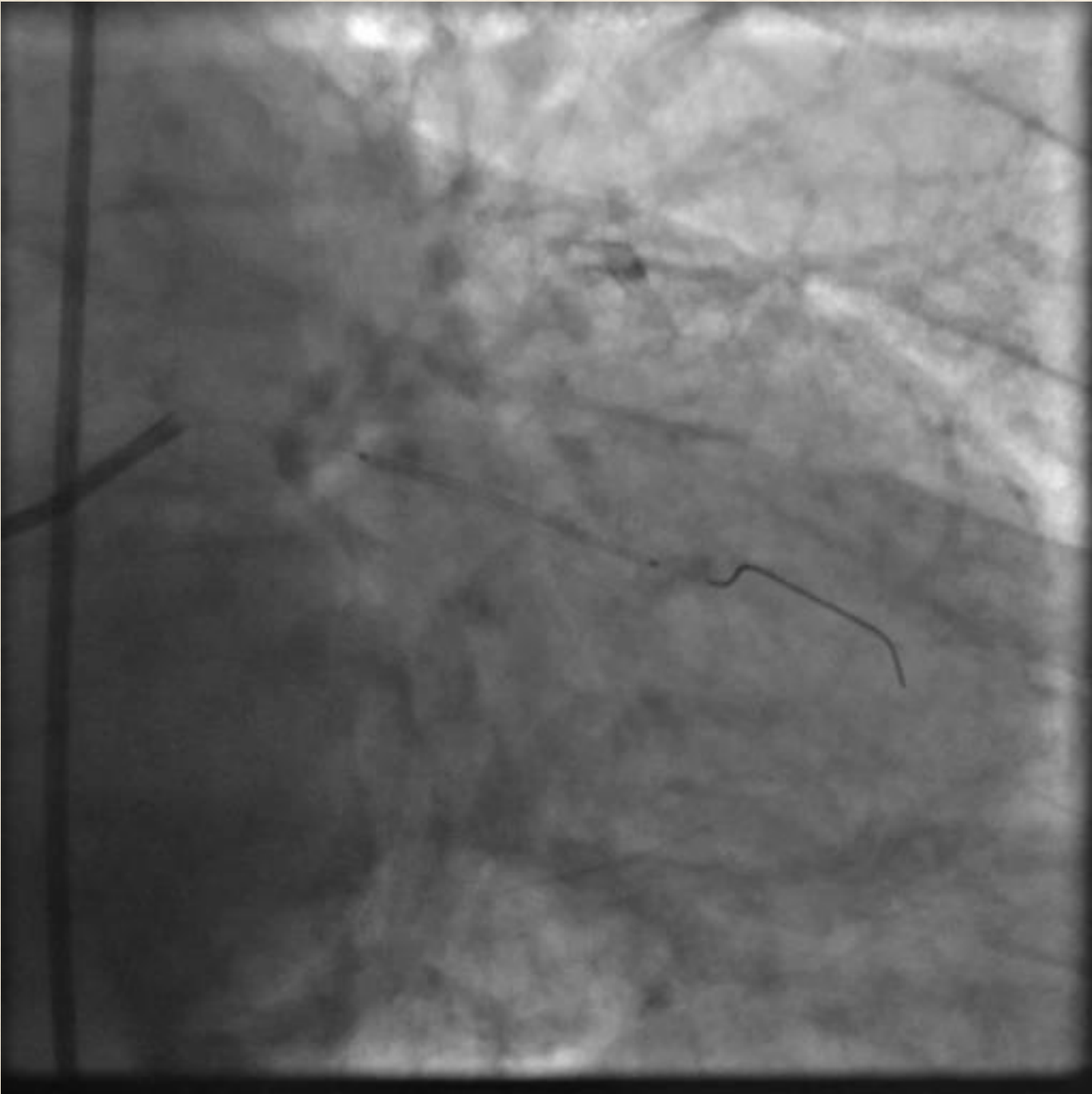
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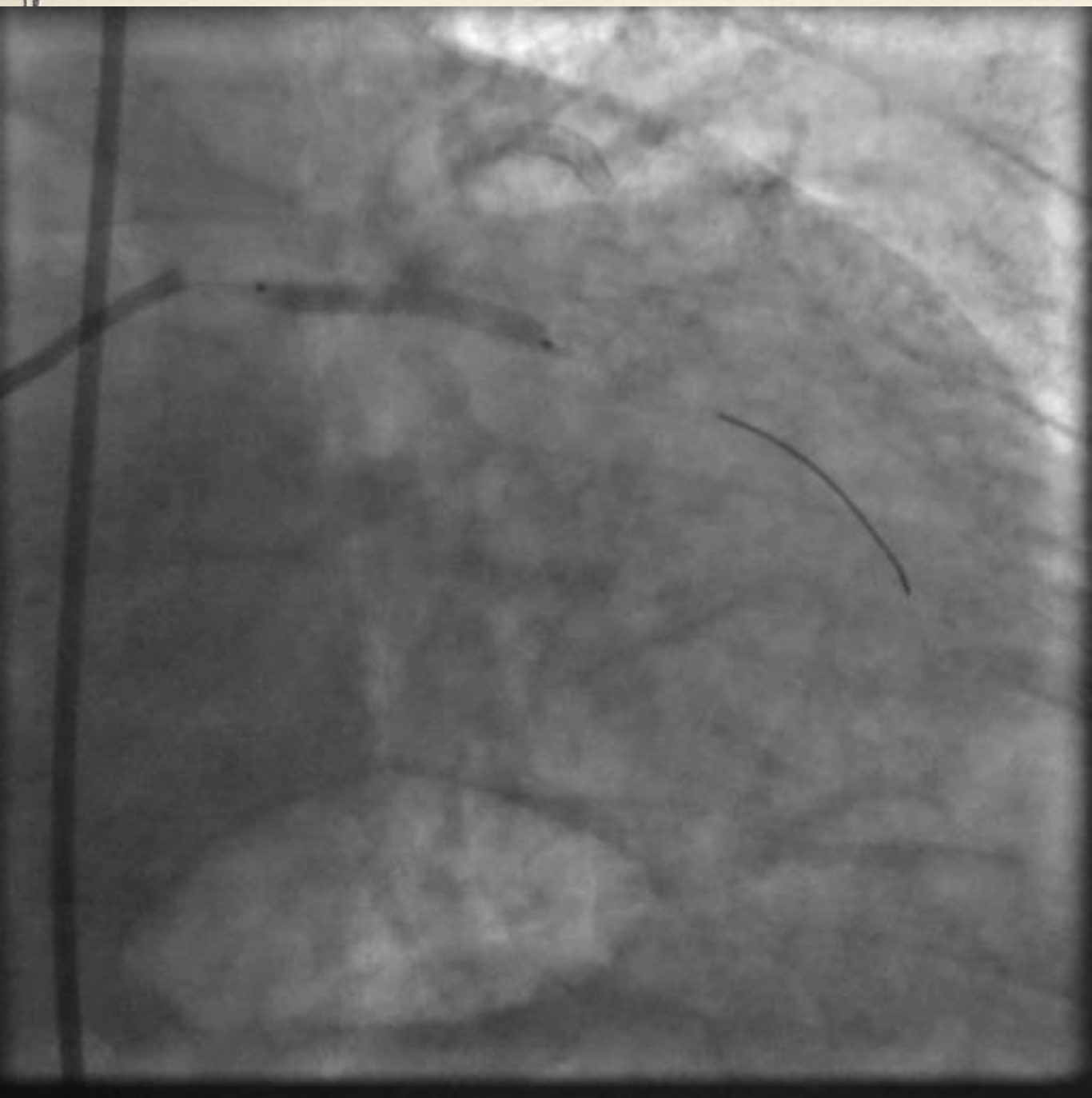




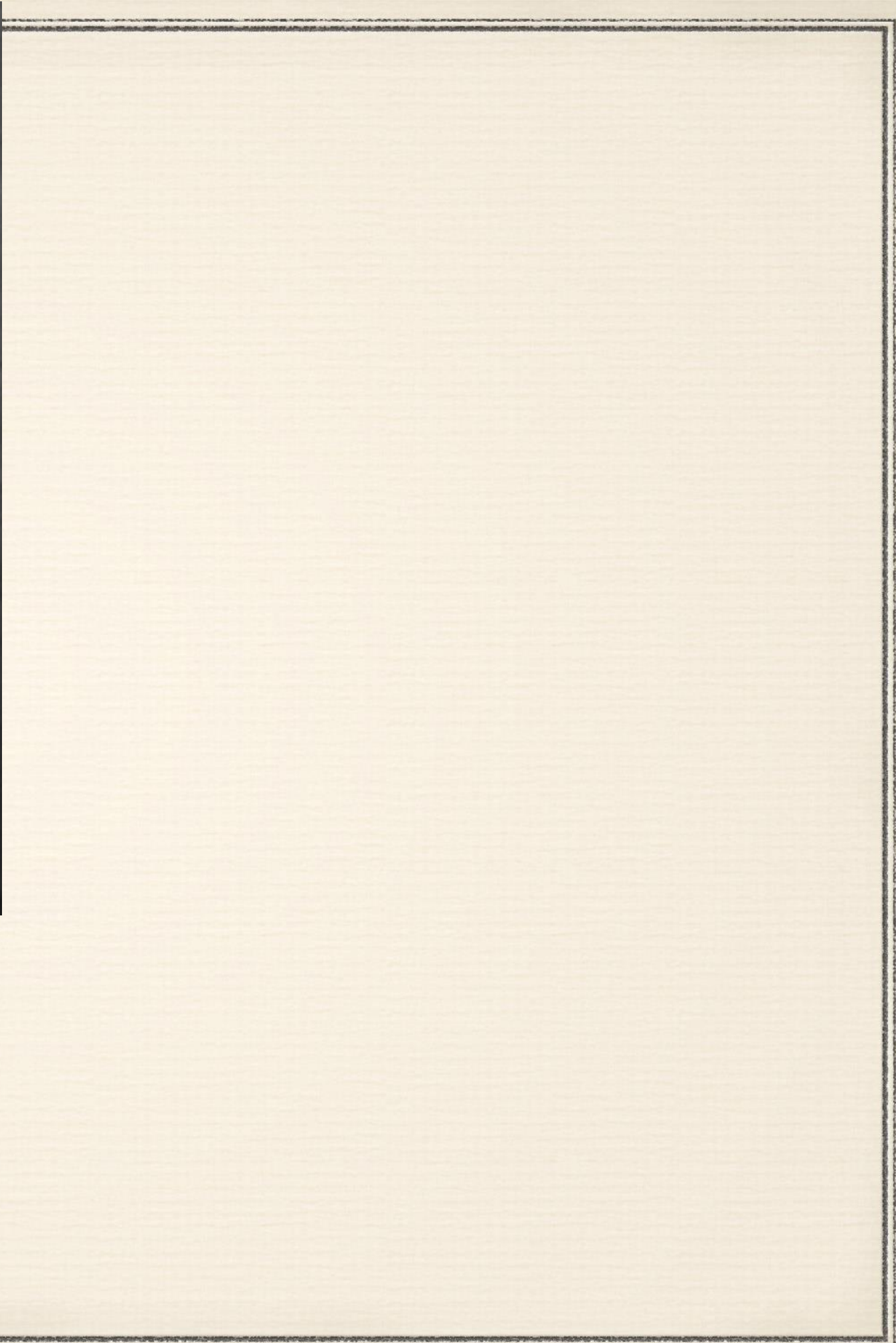
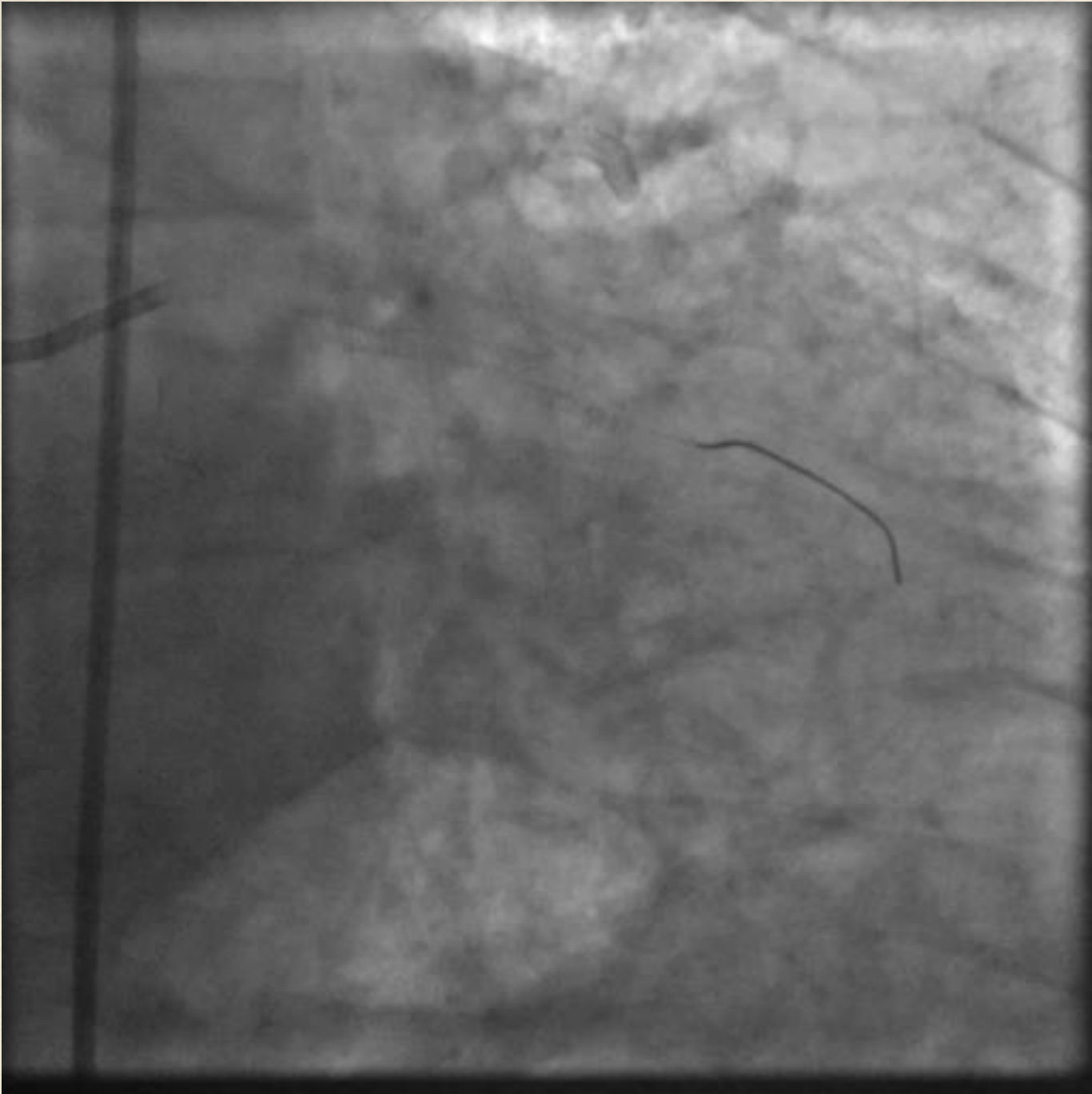




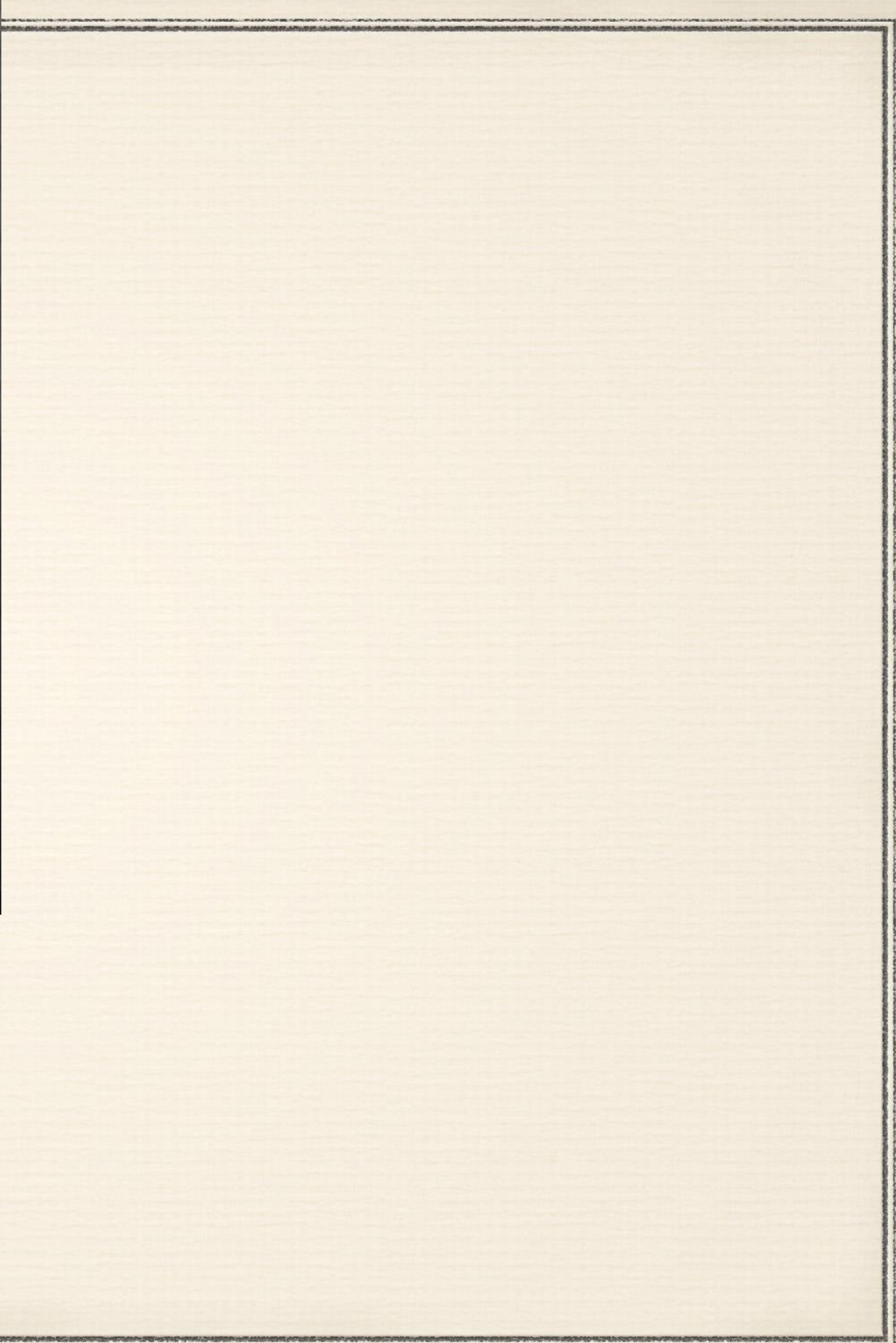
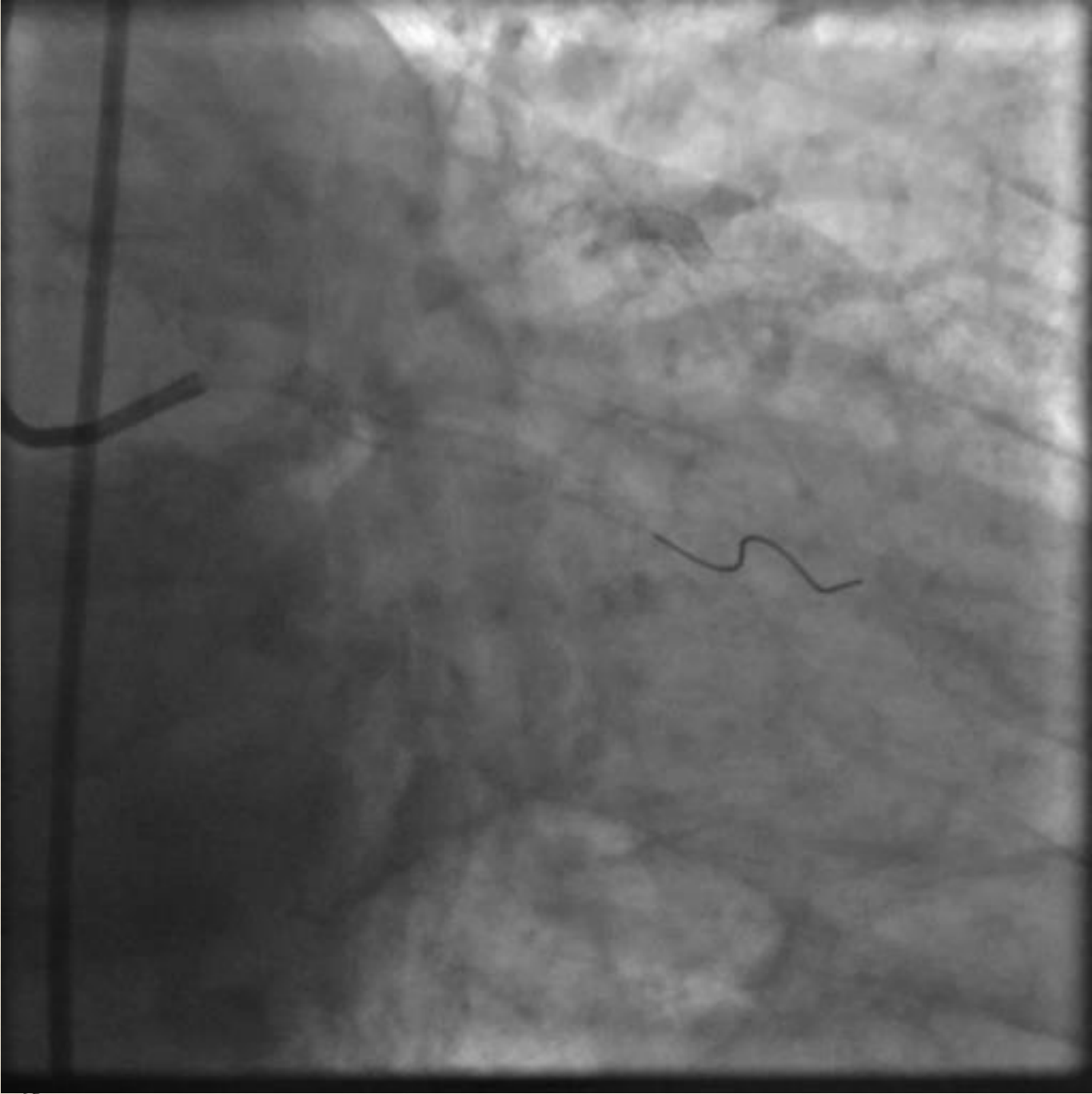




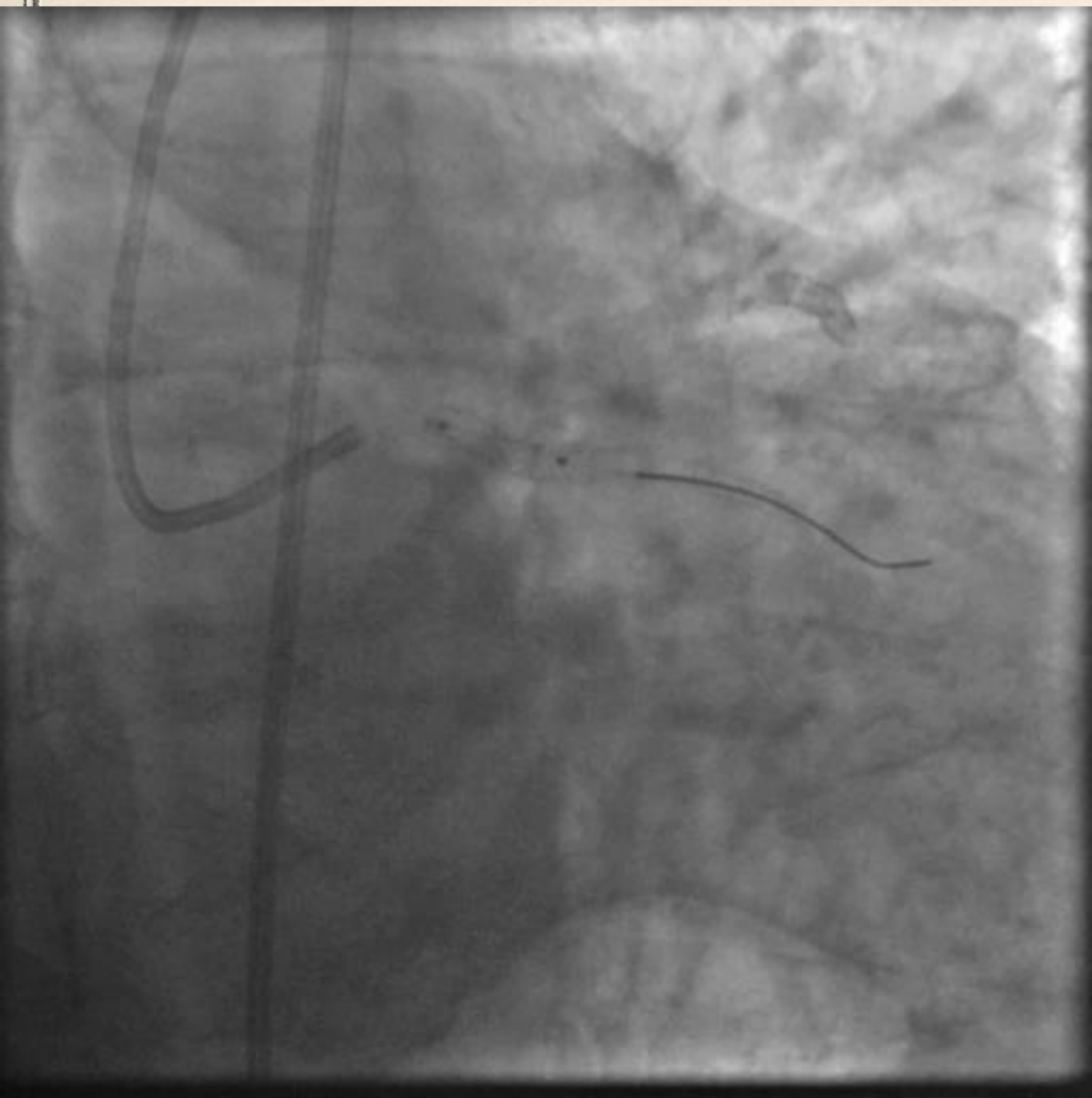




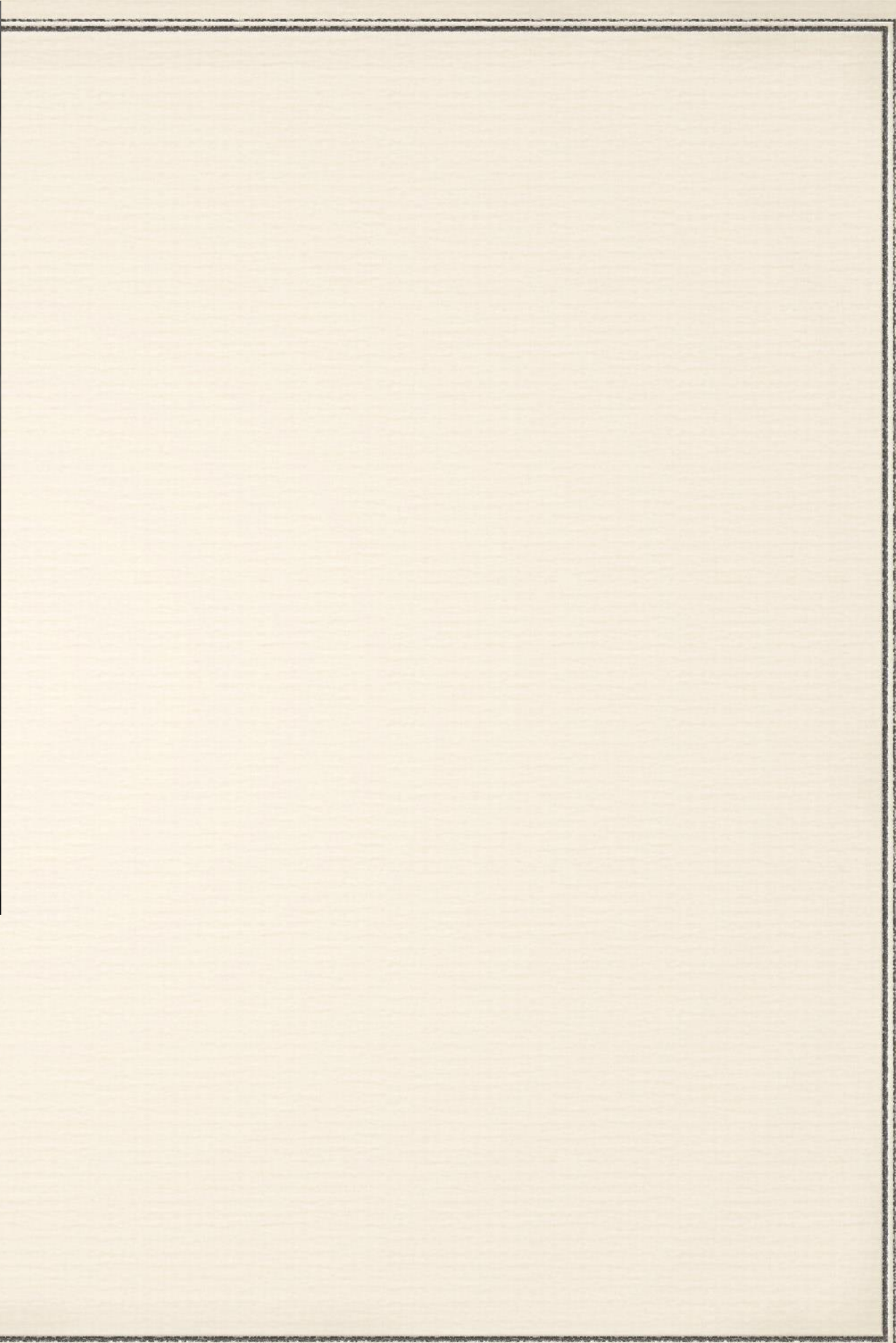
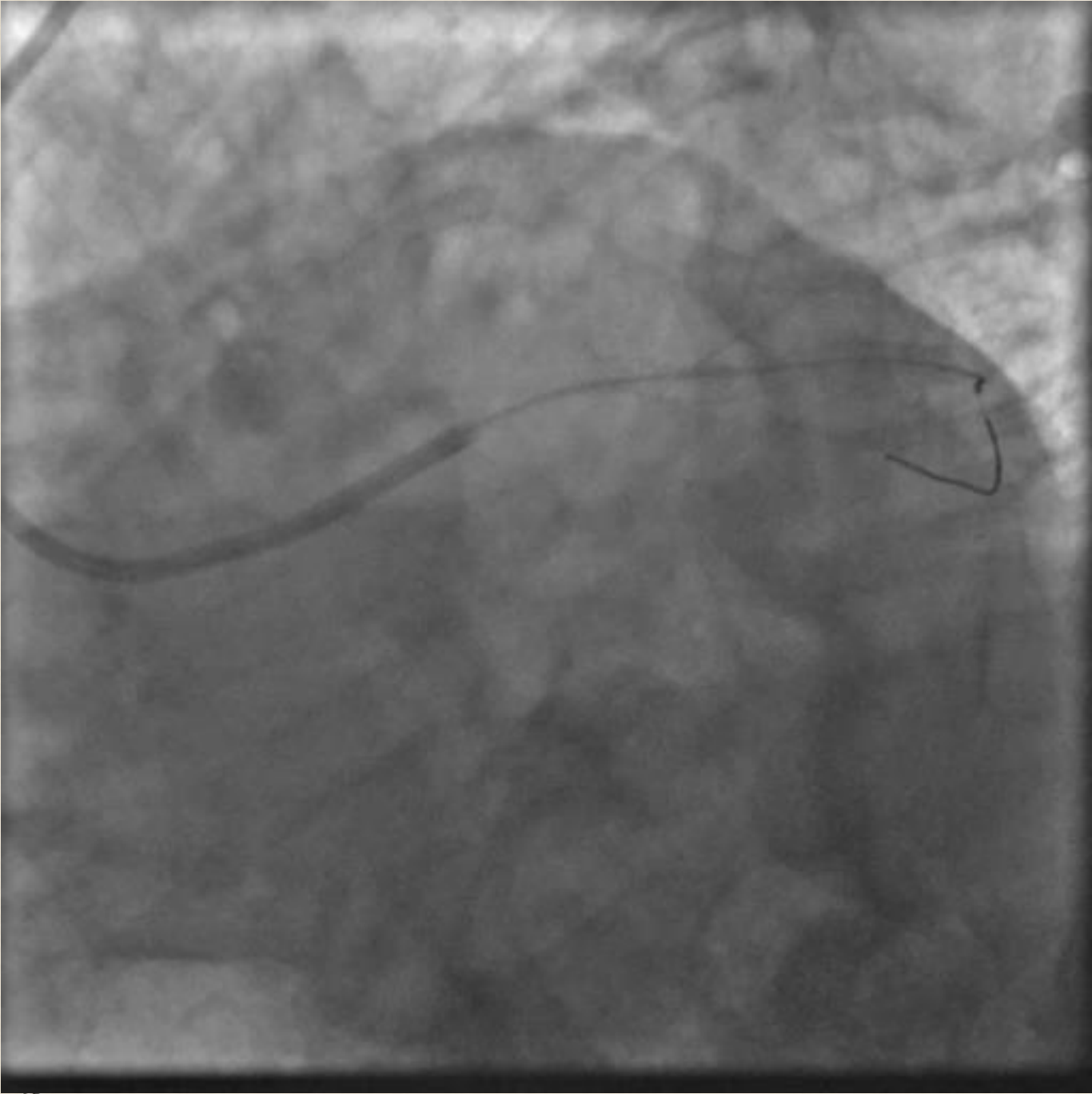




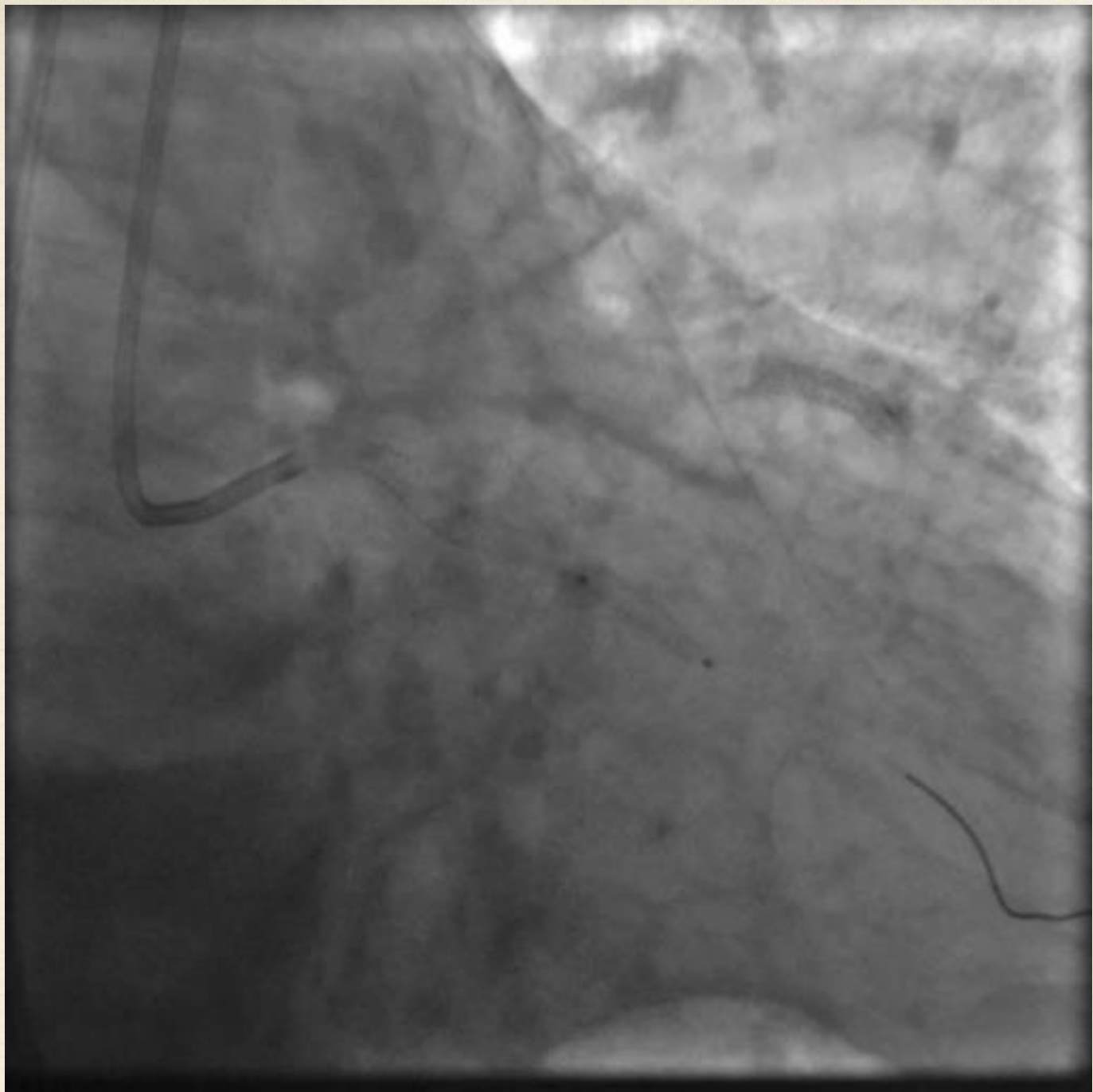




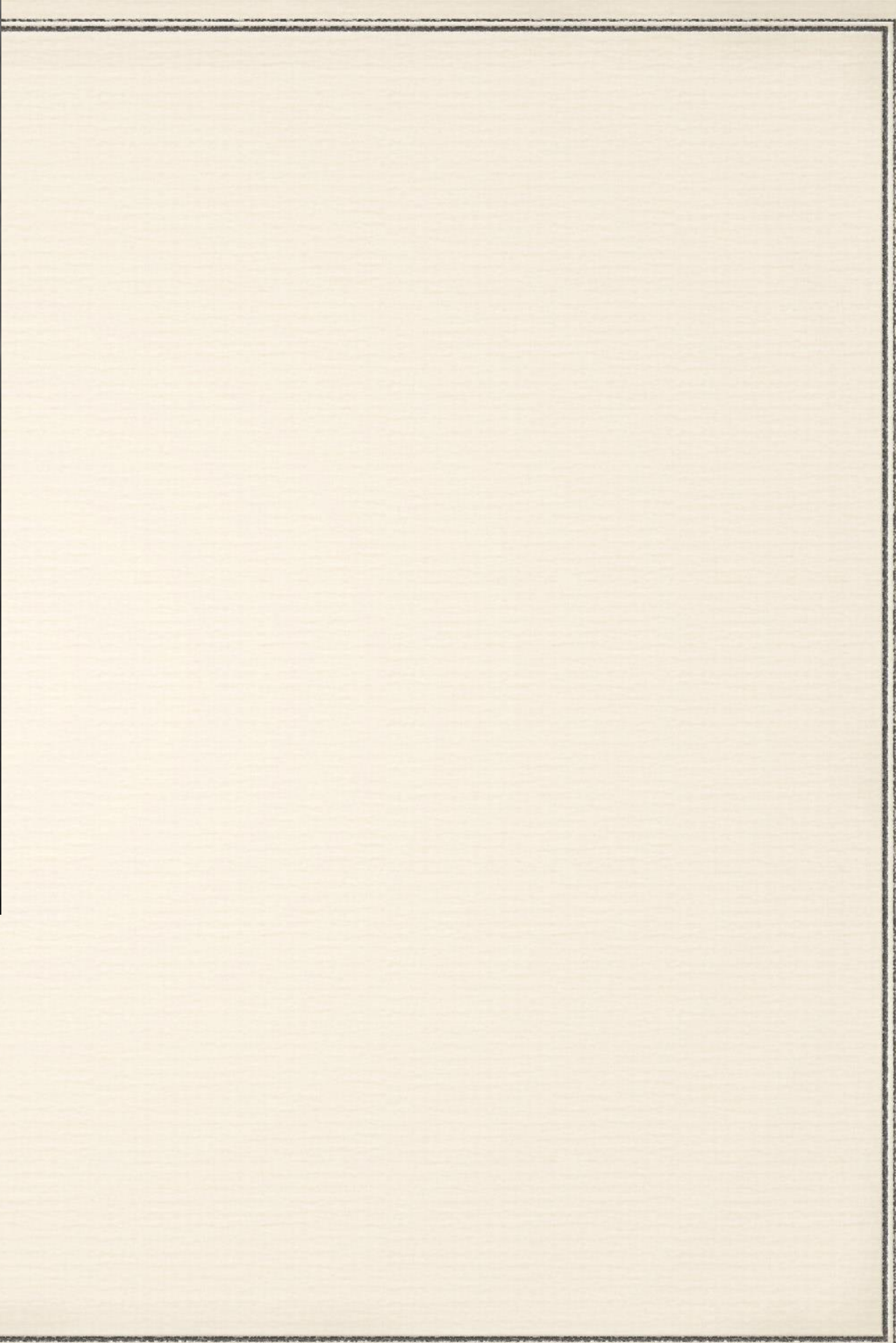
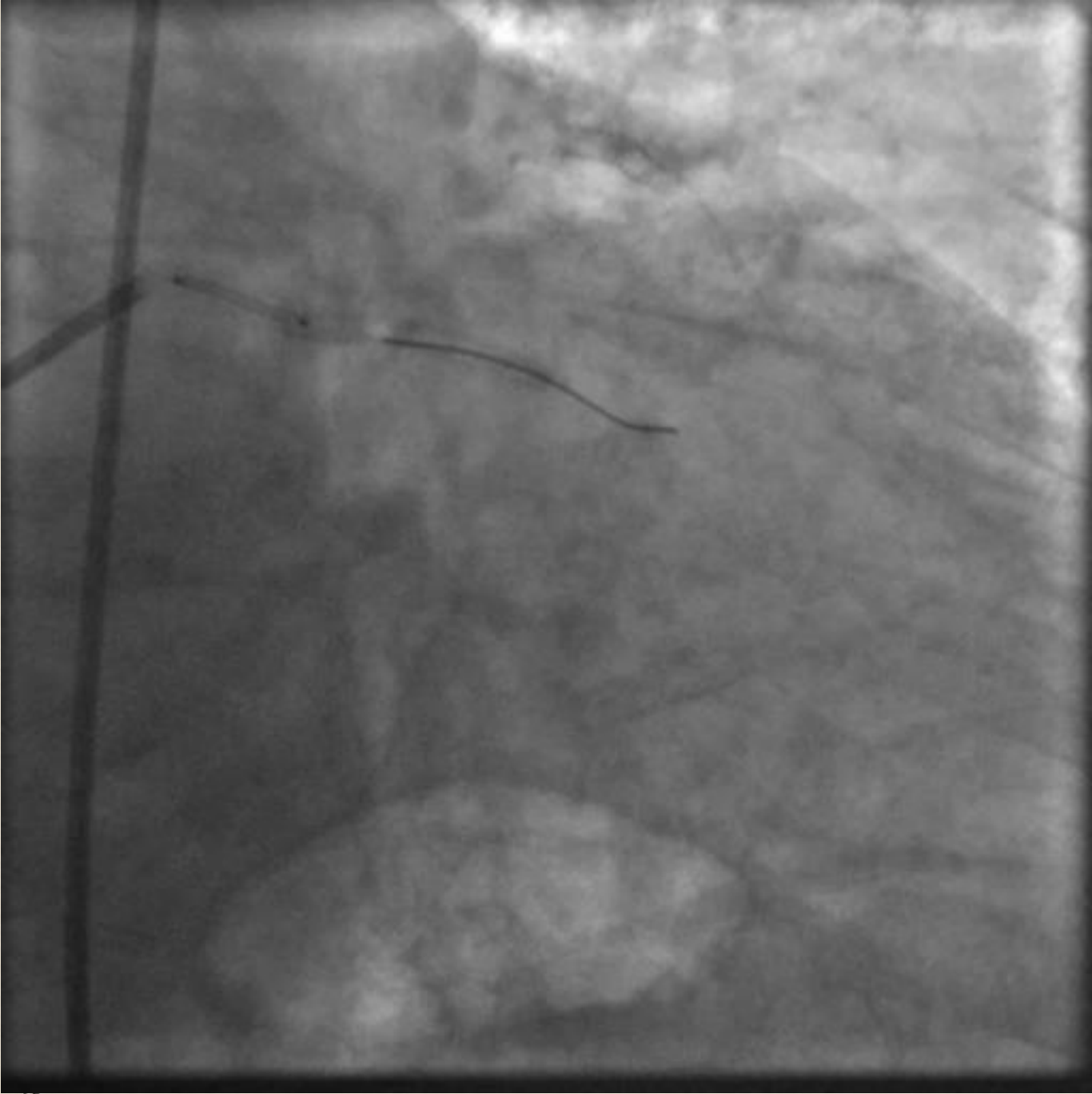




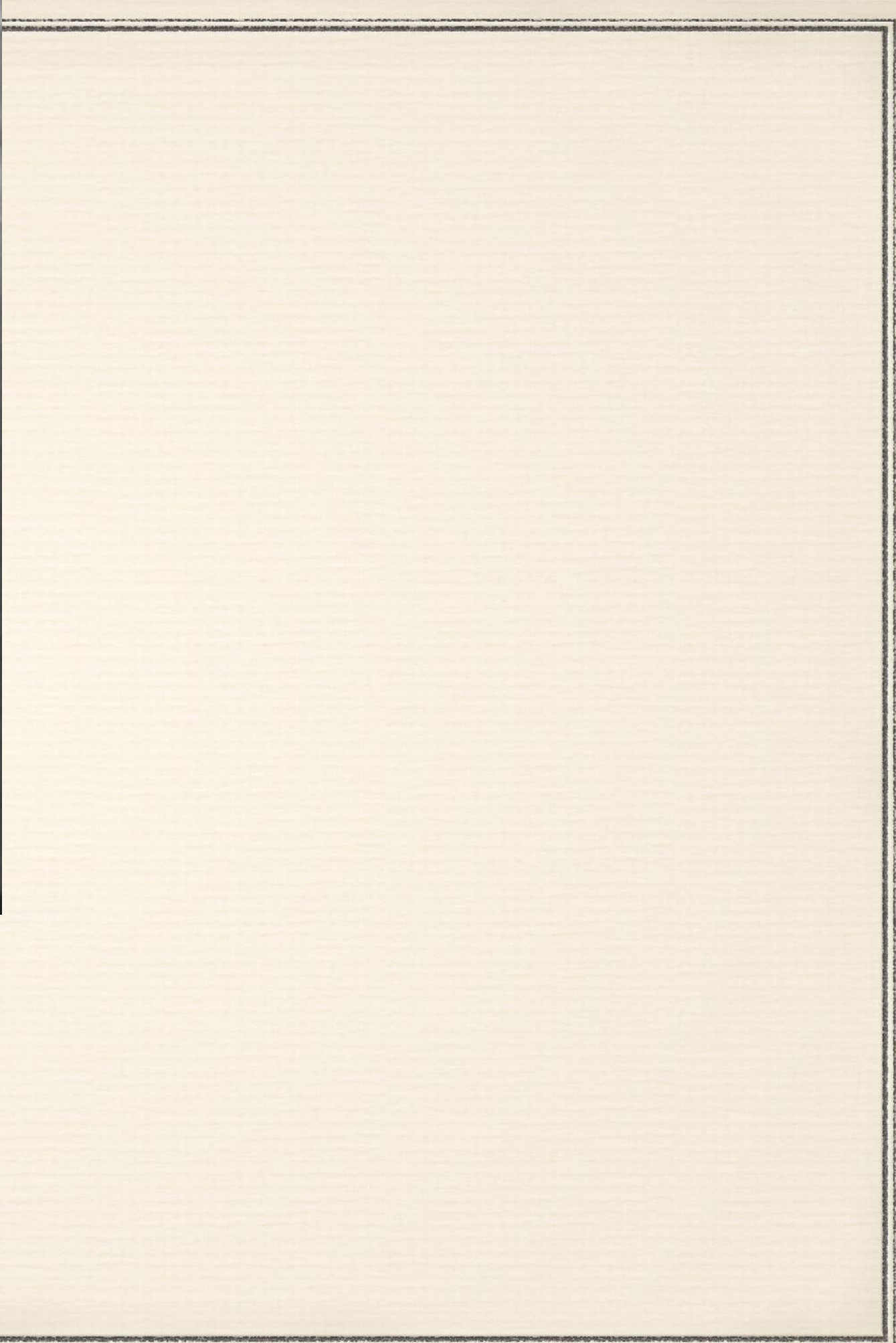
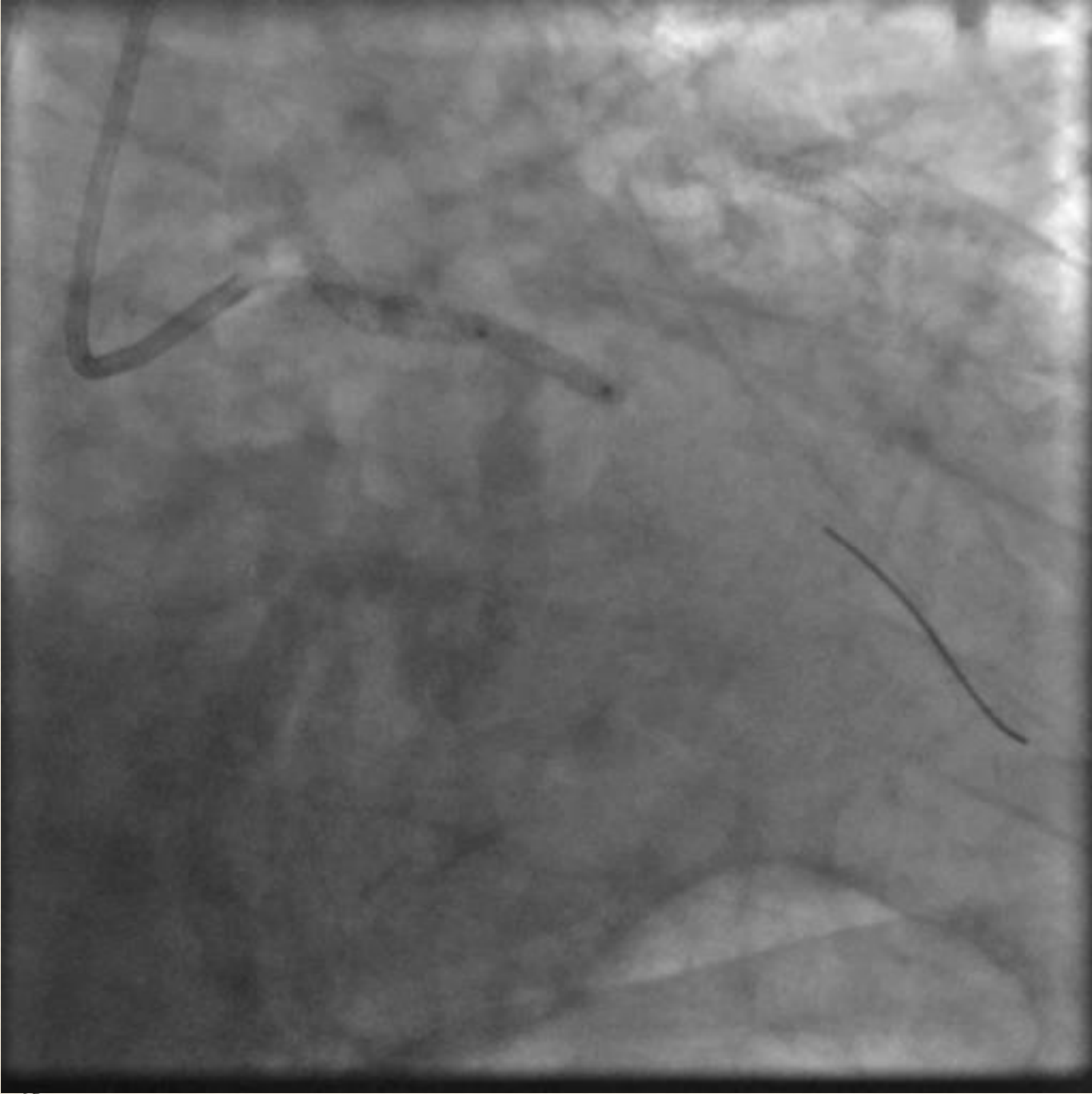




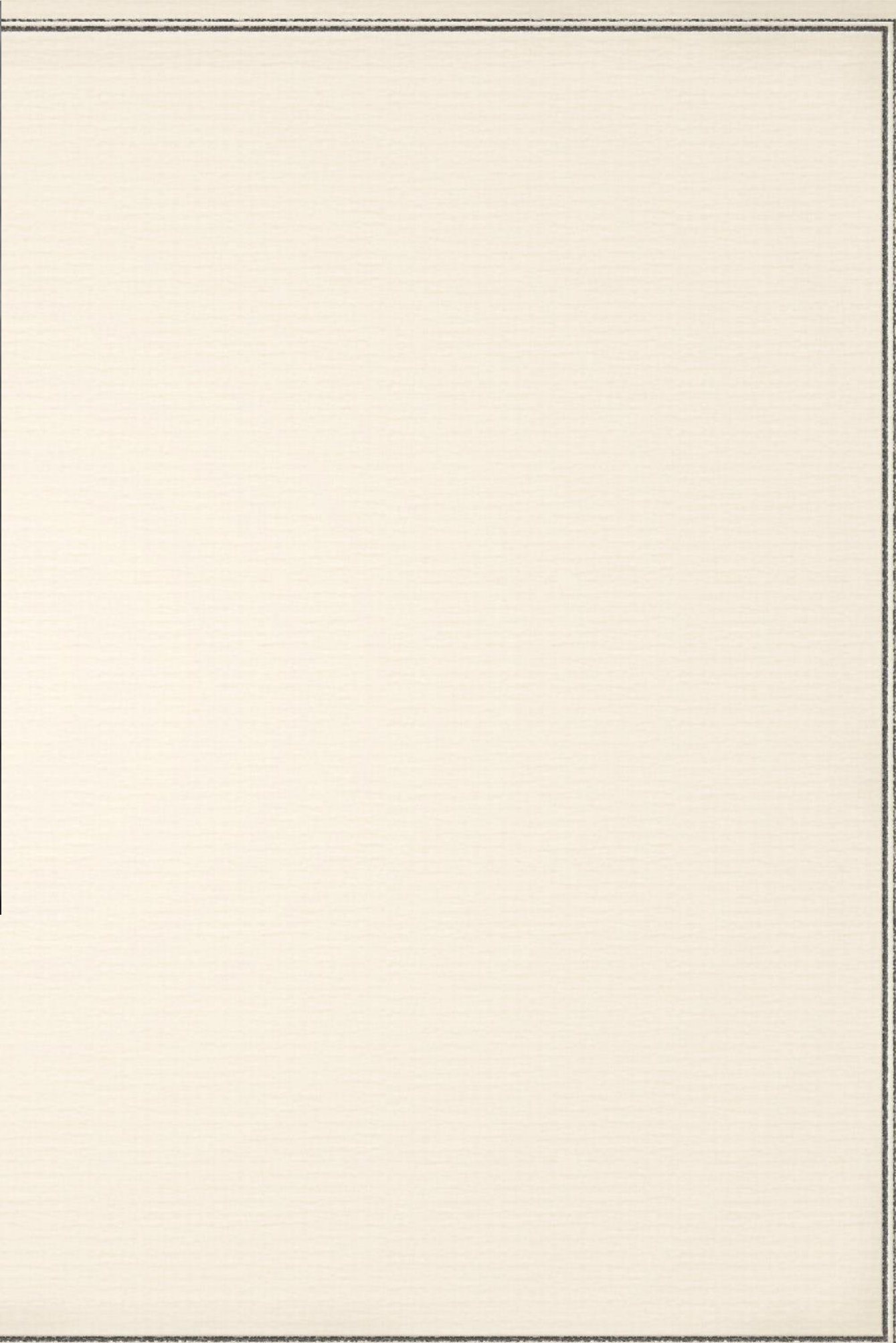
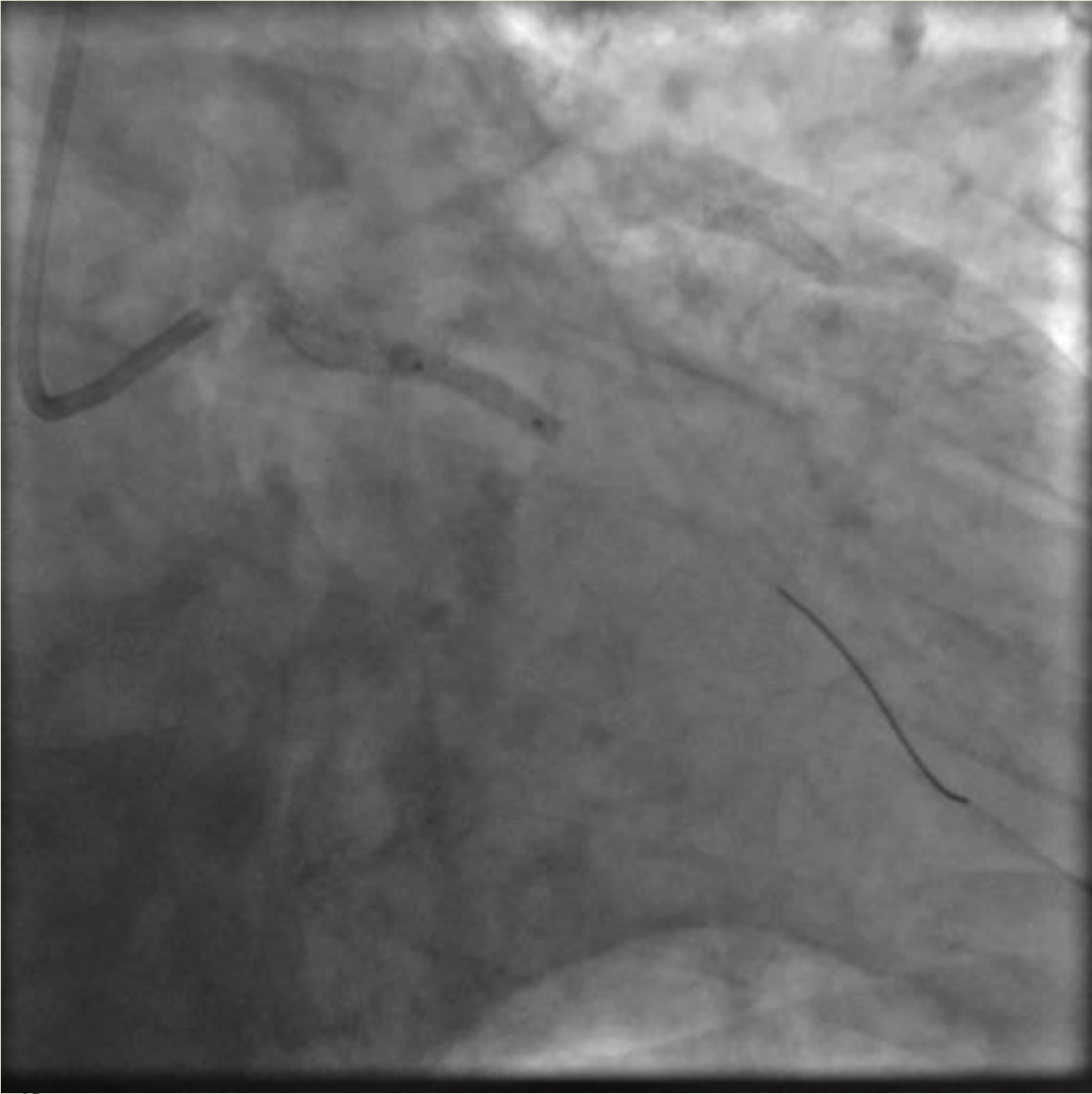




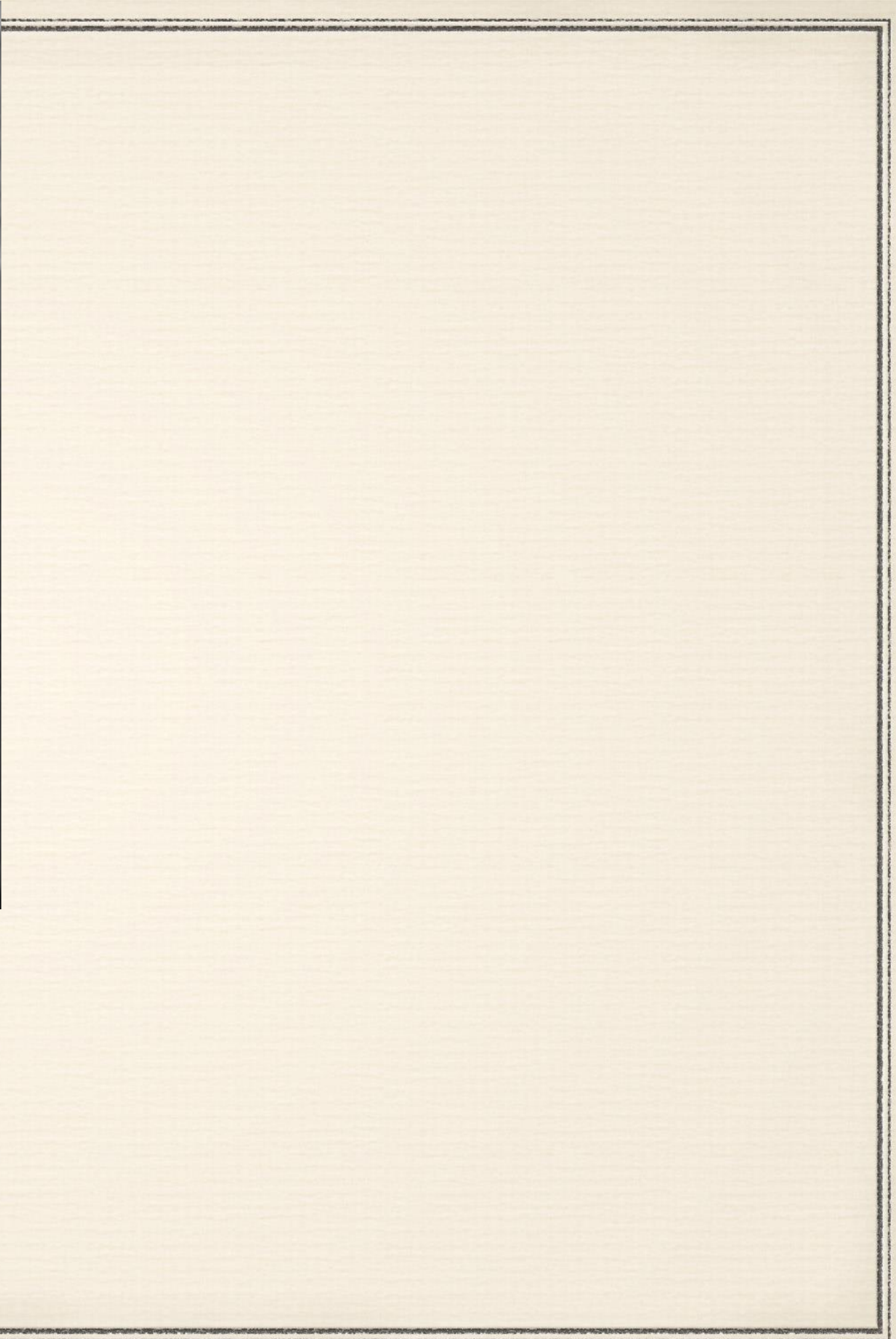
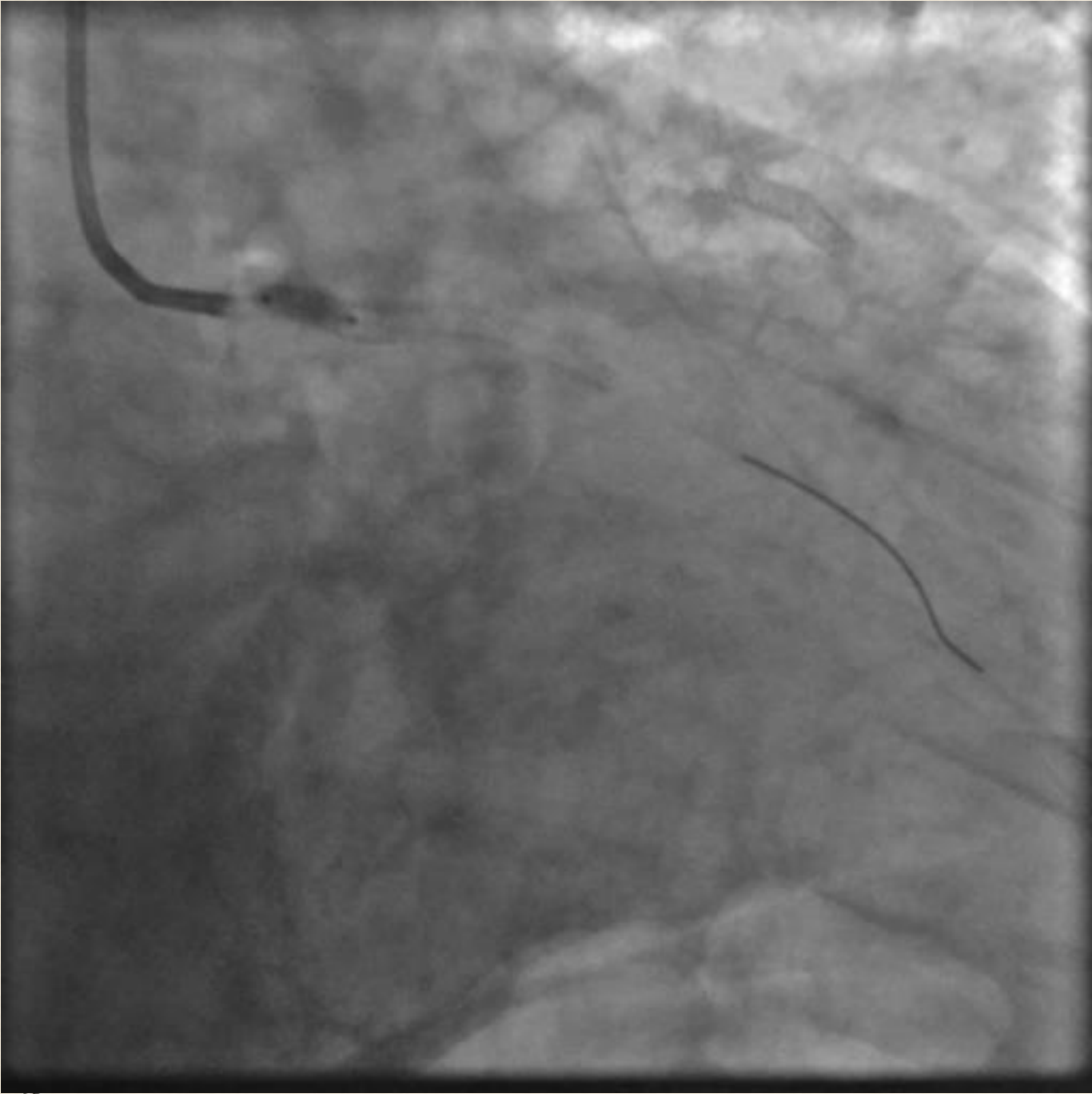




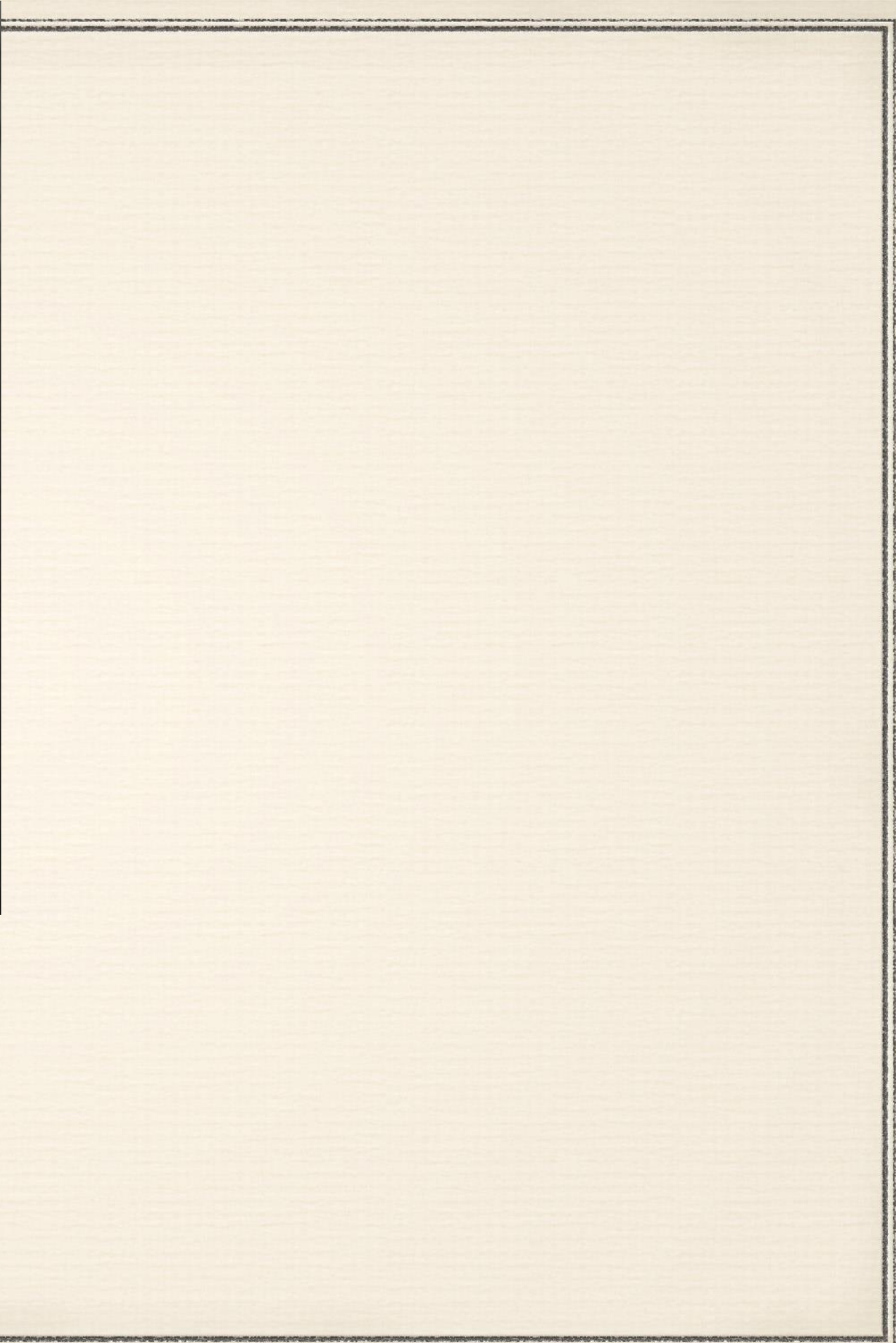
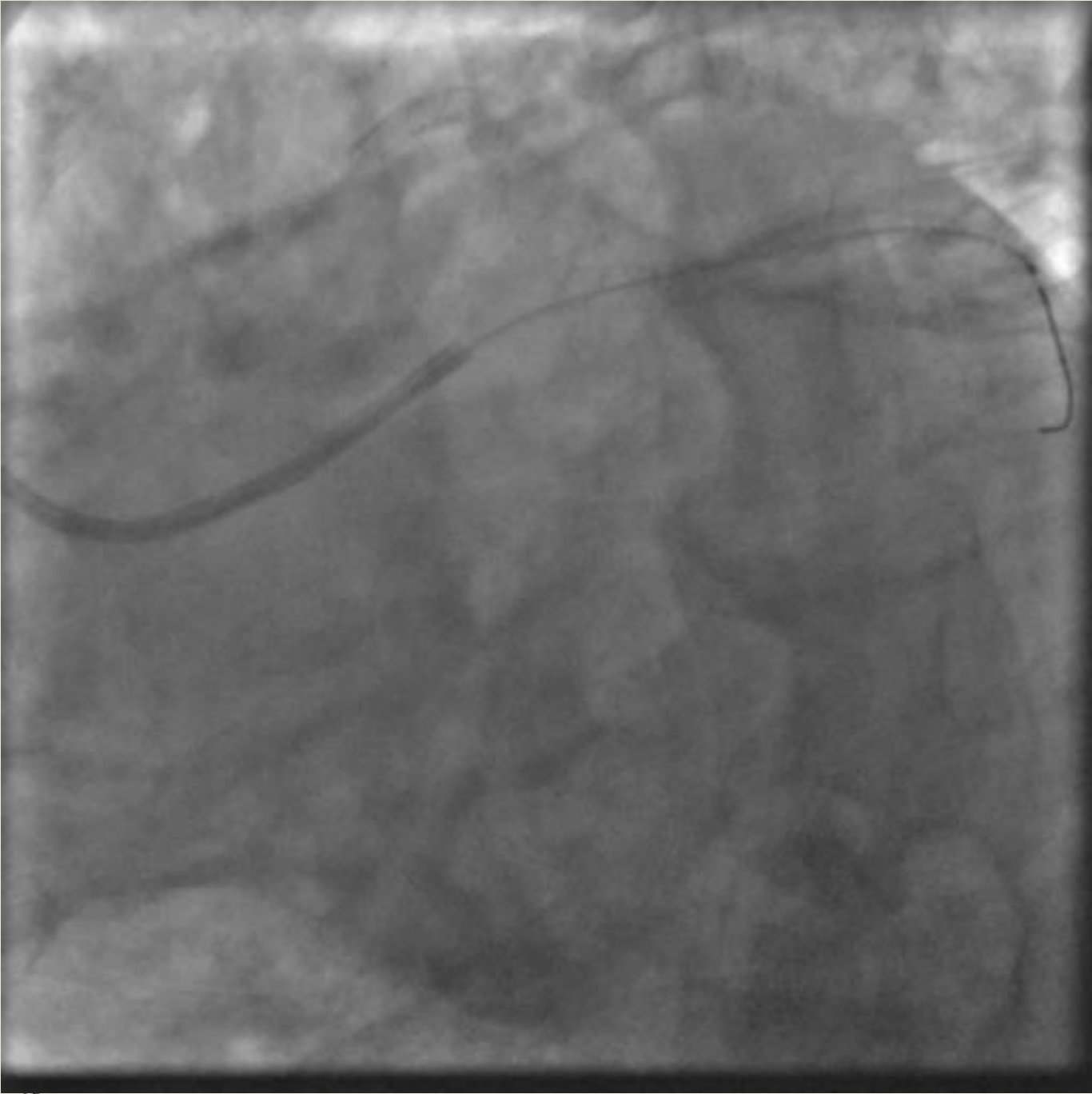






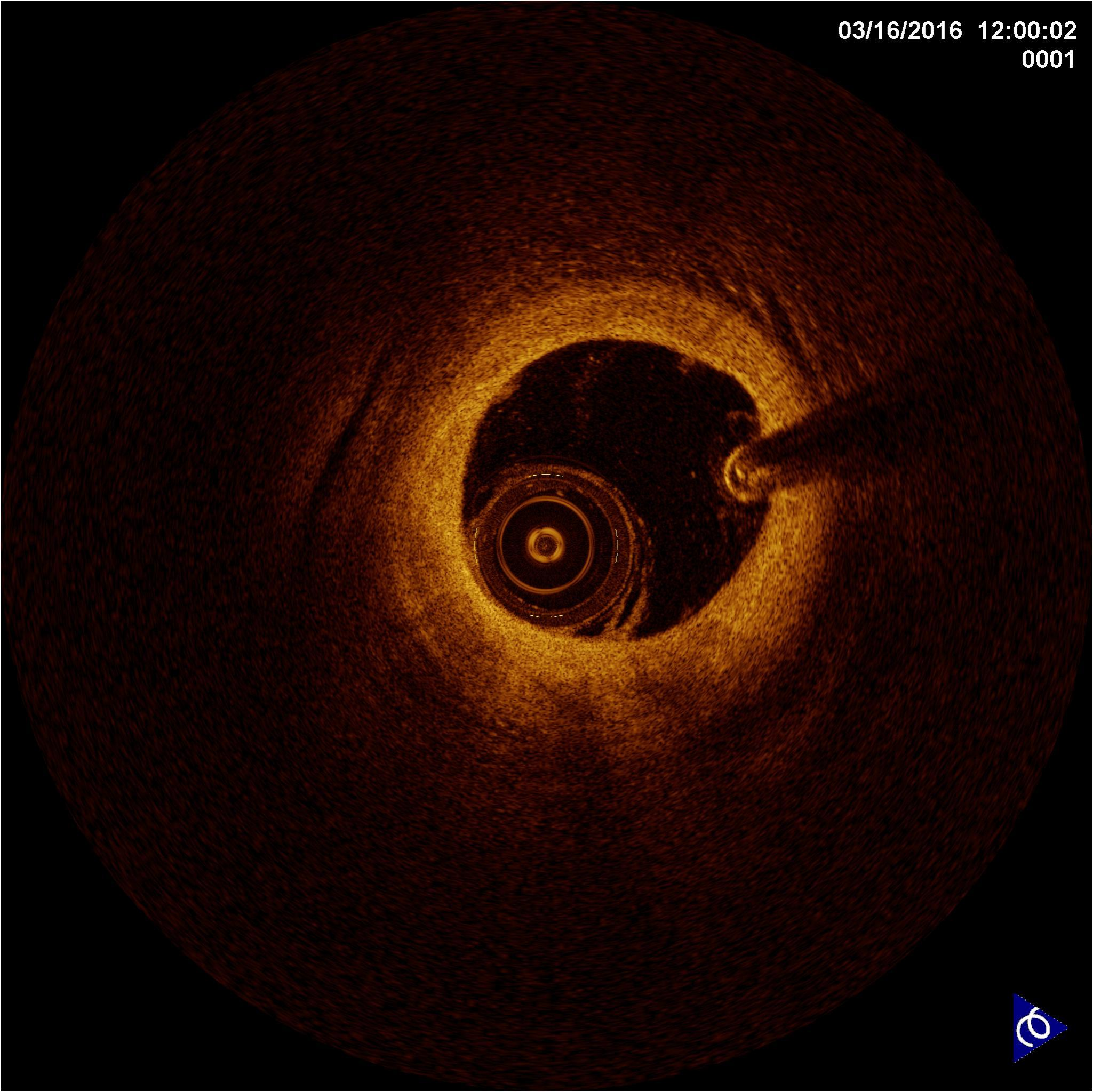






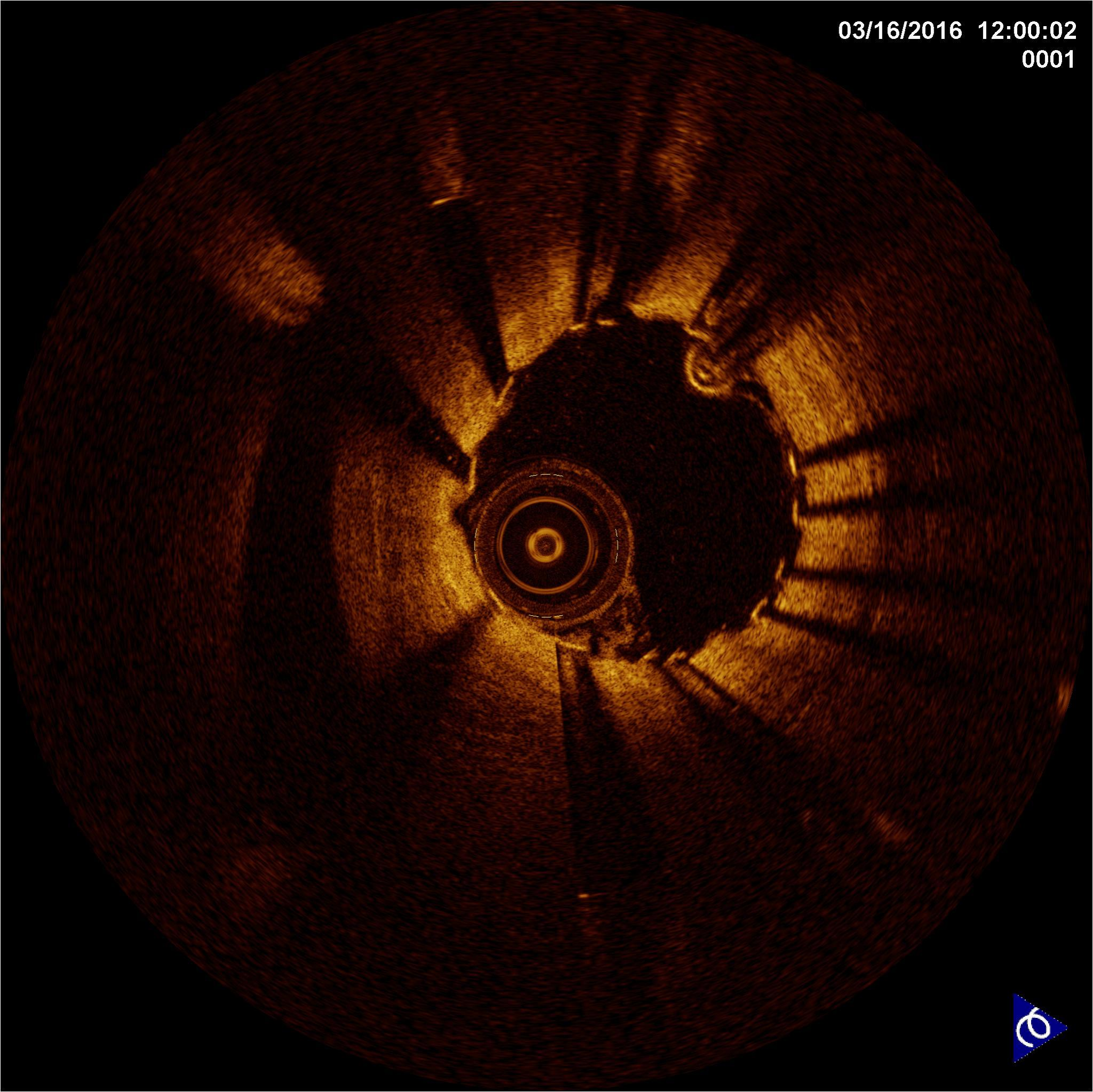


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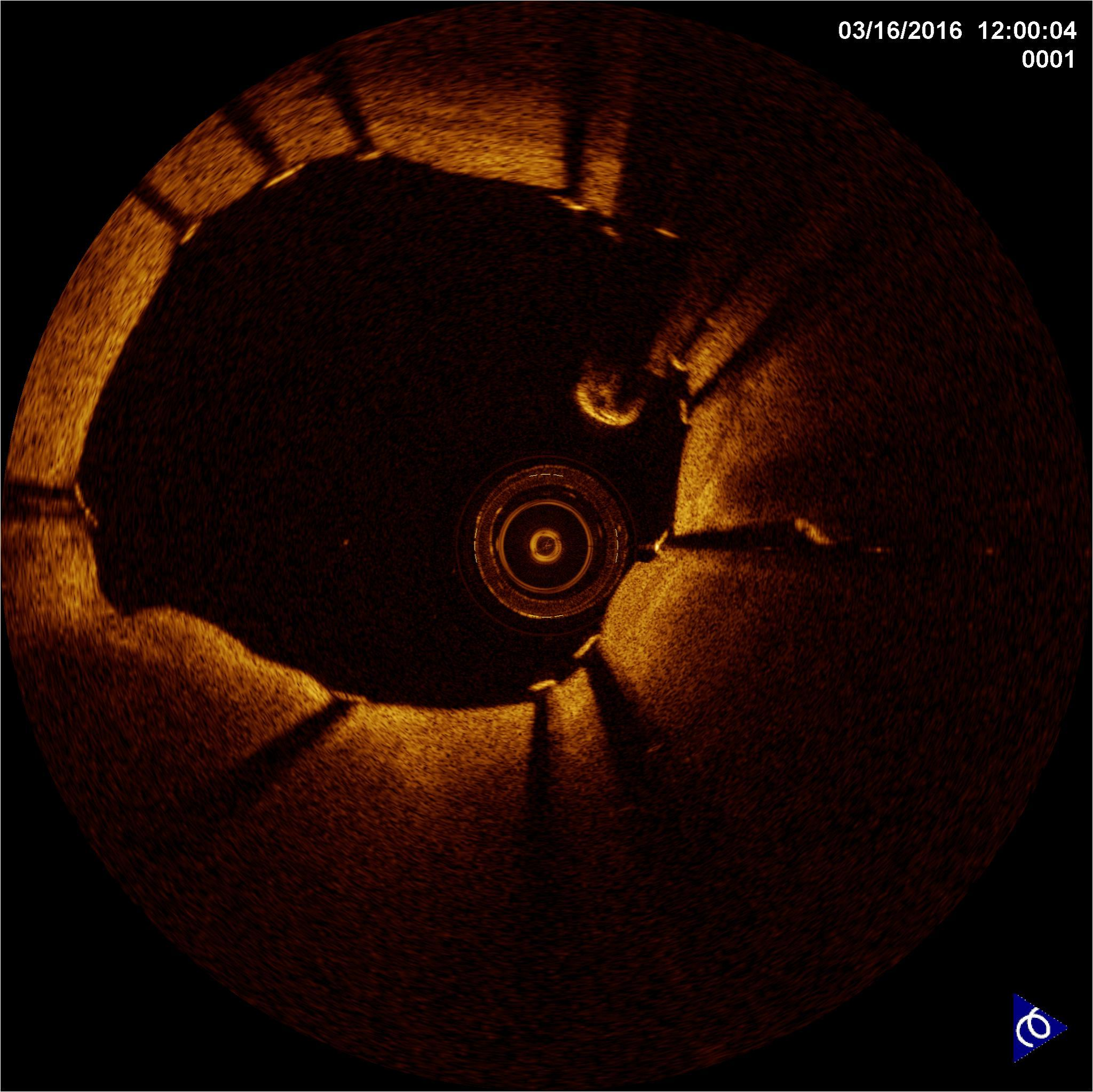


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