

CGUARD™

Carotid Embolic Prevention System

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Do Mesh Stents Improve Outcome?

Case Examples

March 2019

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Do Mesh Stents Improve Outcome?

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Dr. Carlos Alejandro Alvarez

Hospital Privado del Sur, Hospital Italiano

Regional del Sur, Hospital Regional Español

De la Ciudad de Bahia Blanca,

Buenos Aires, Argentina

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Clinical Case I



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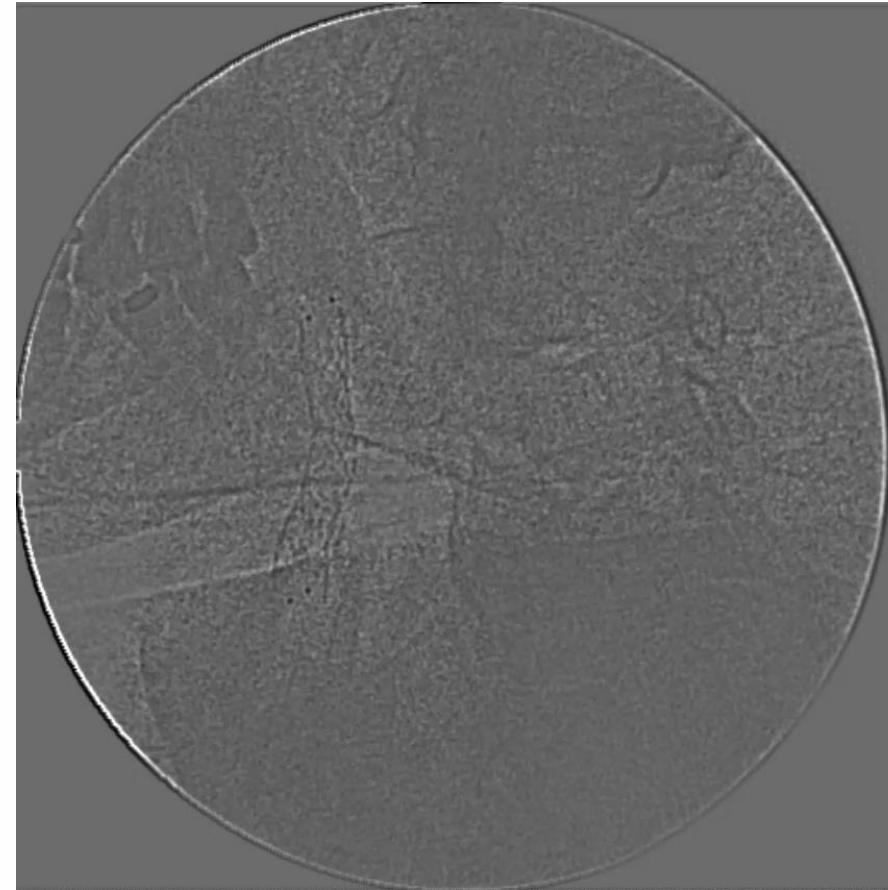
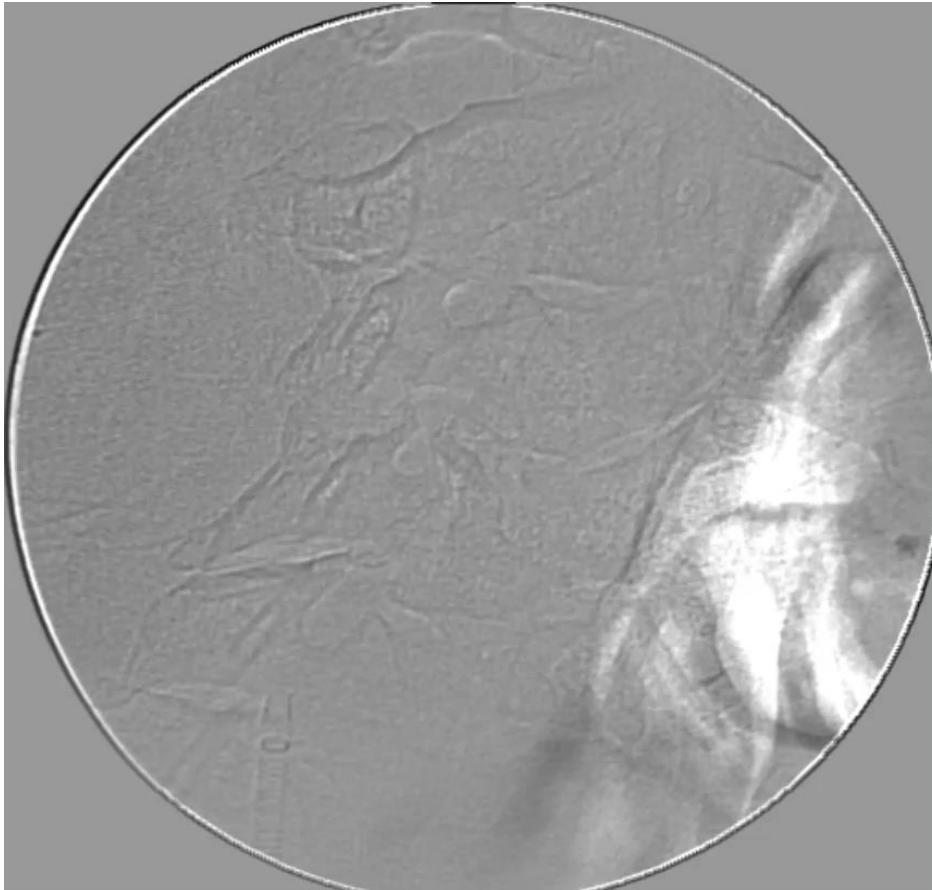
- 70 male, Hypertension, Dyslipidemia, Diabetes type II.
- Screen echo: Severe stenosis of both internal carotid arteries.
- Normal renal function.
- Without cardiovascular past history.

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Bilateral Internal Carotid Disease

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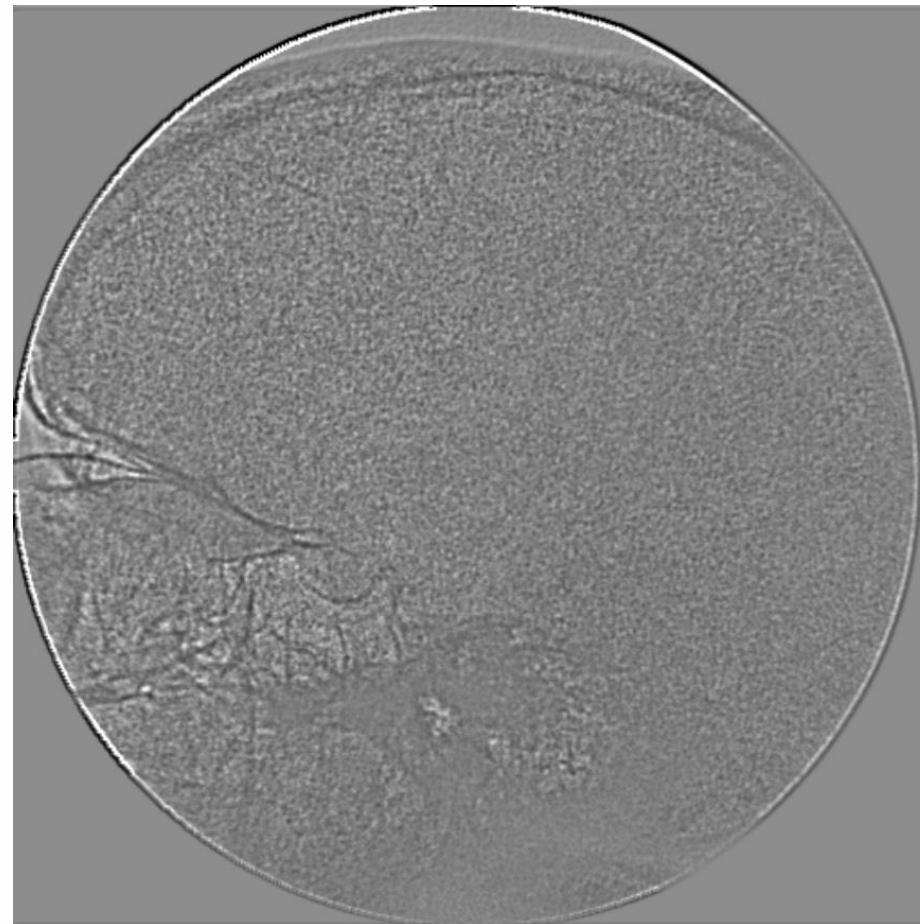
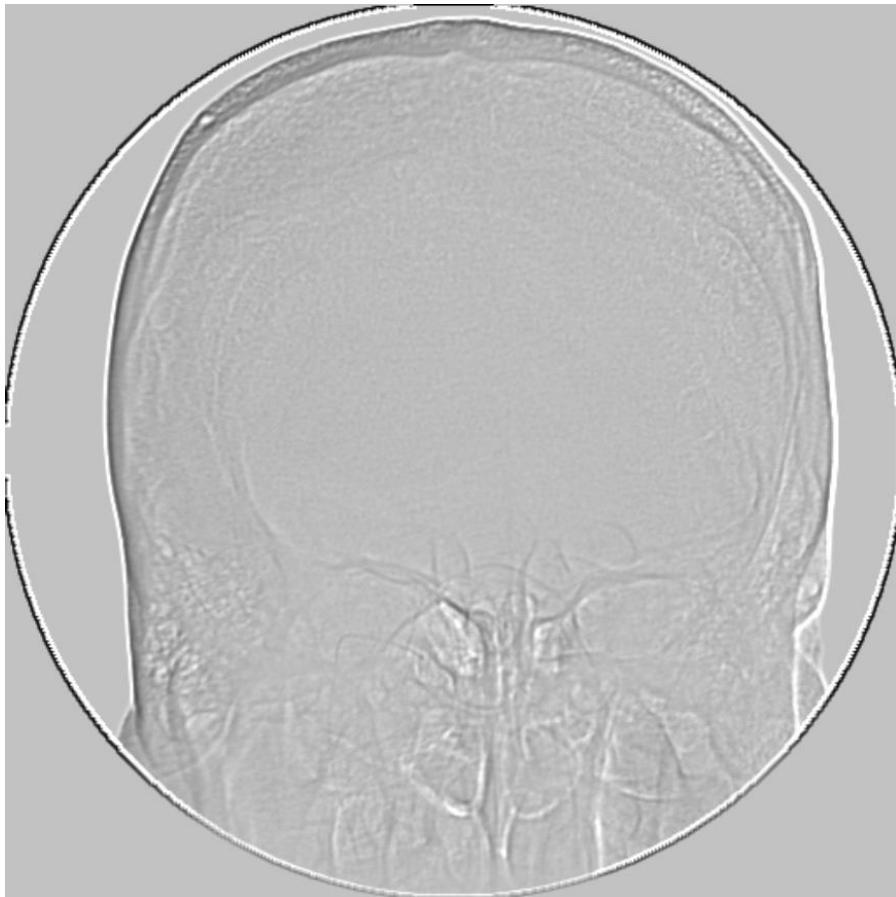


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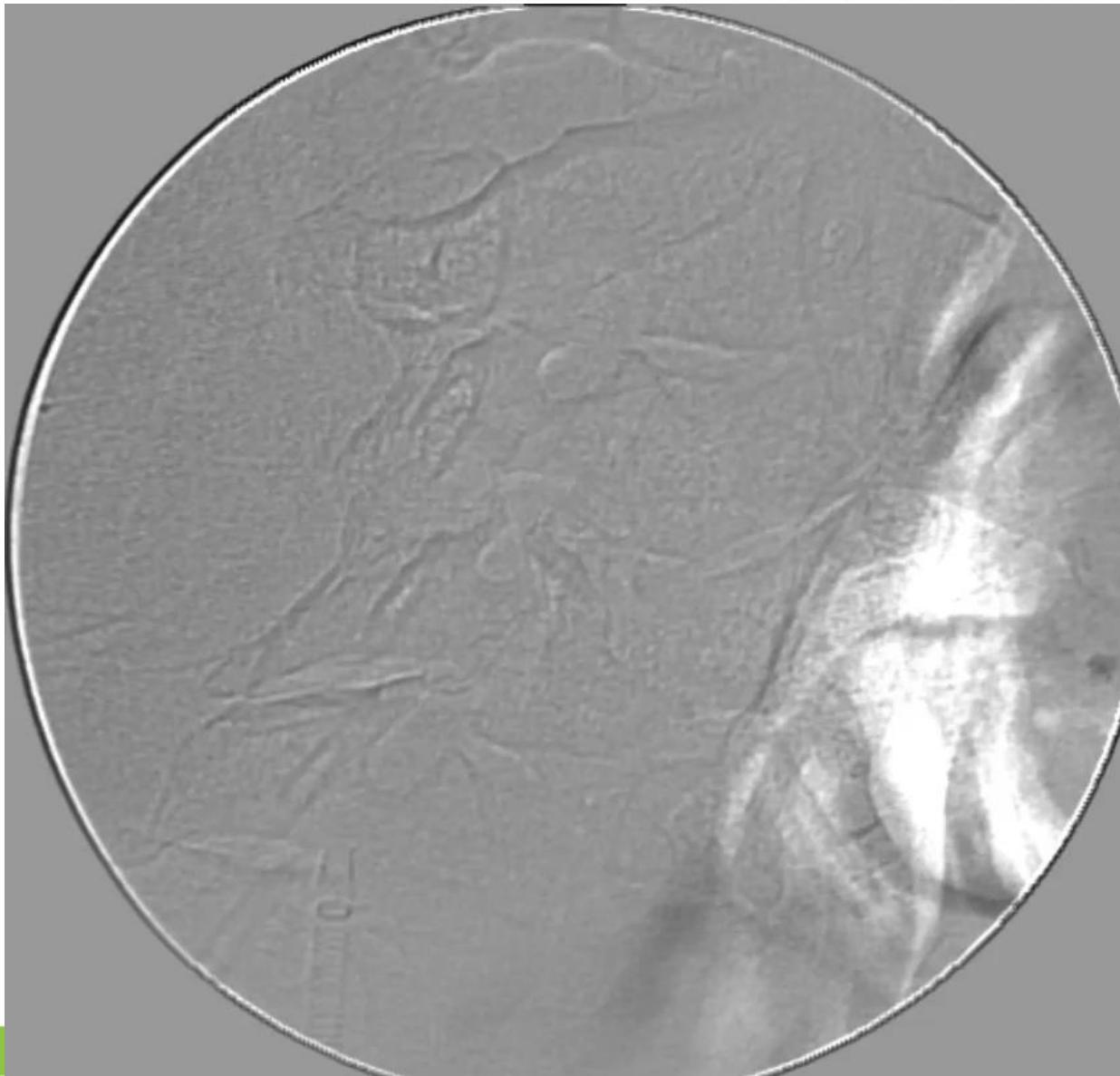


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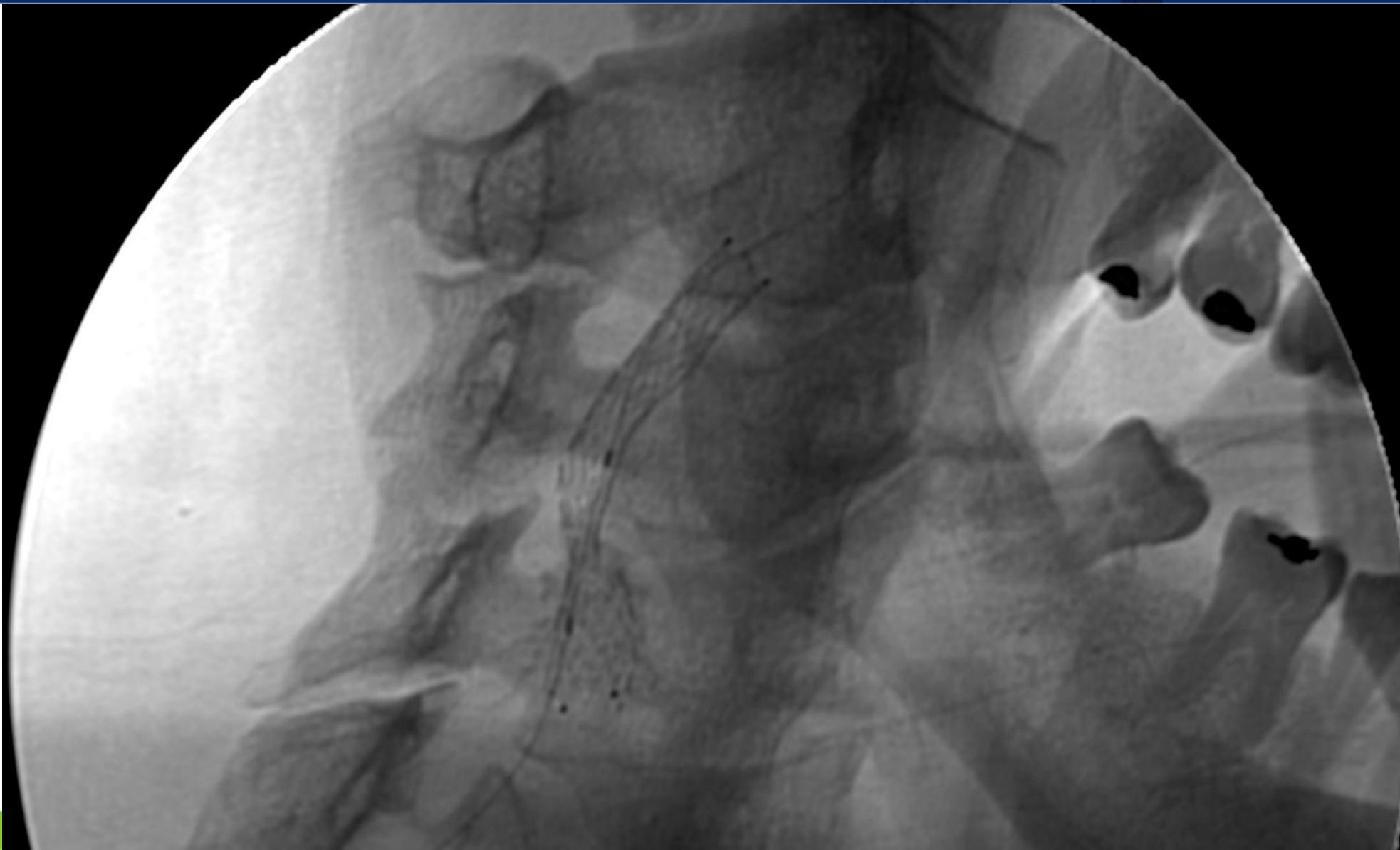


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Bilateral Internal Carotid Disease



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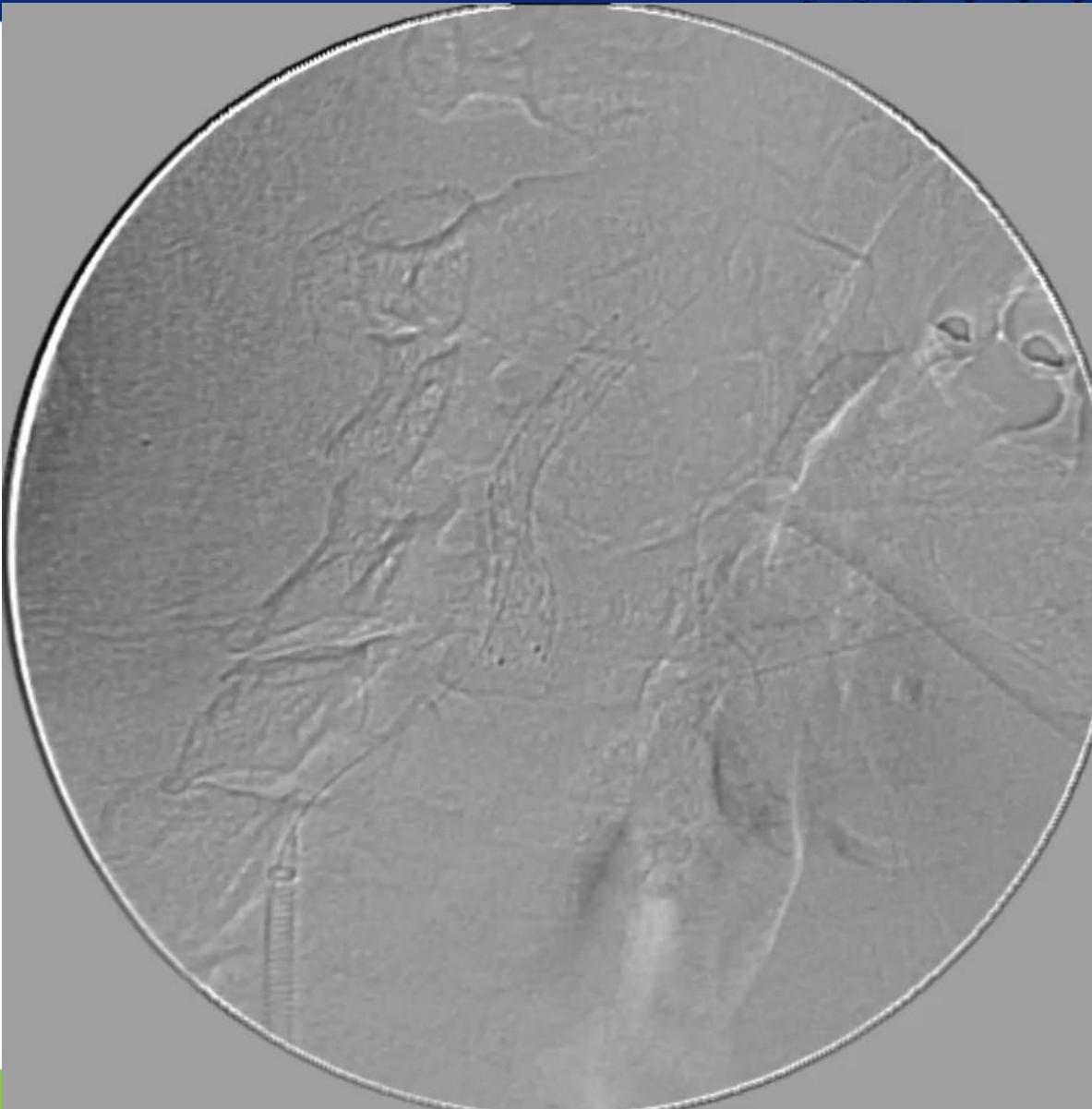


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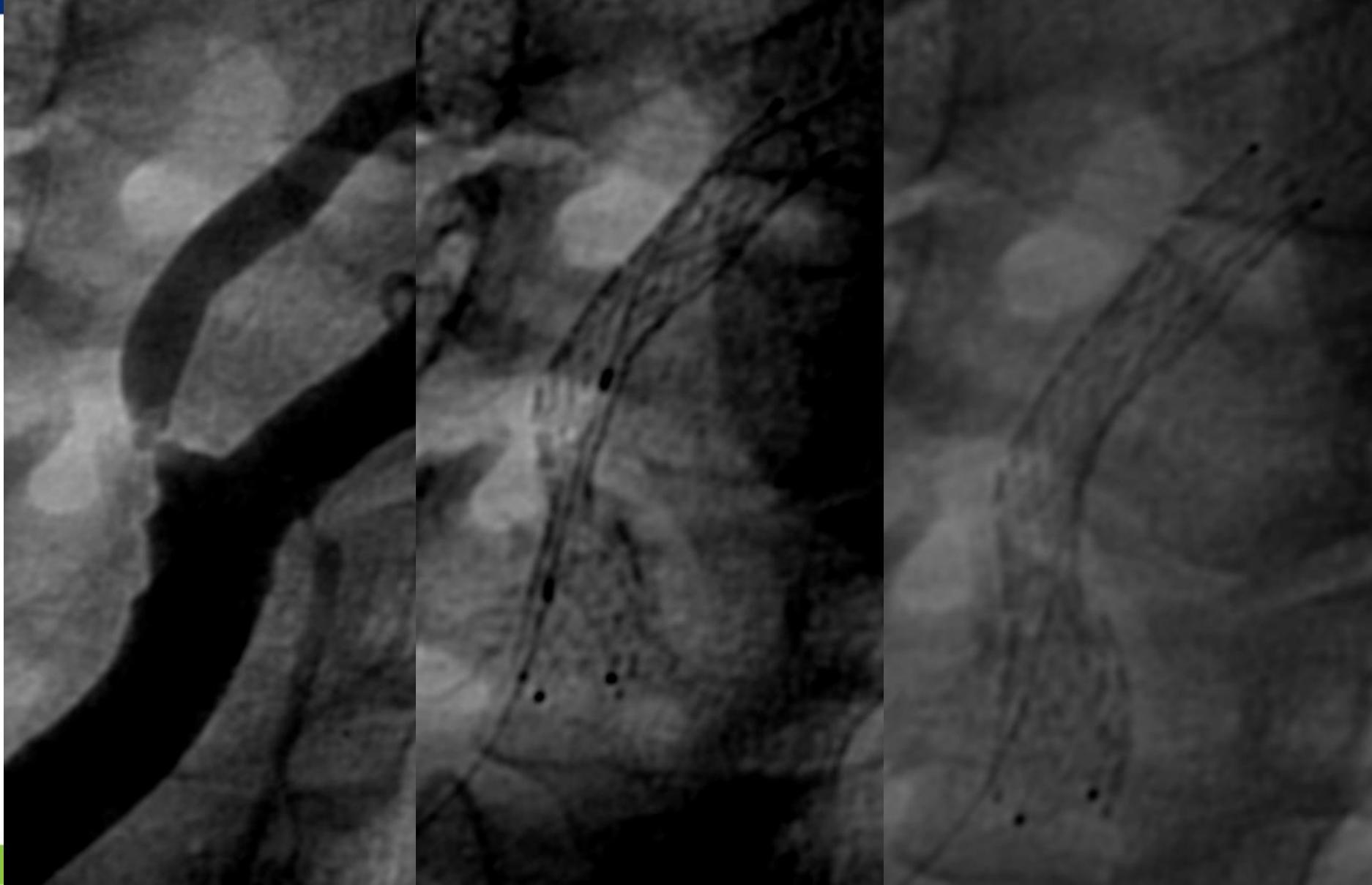
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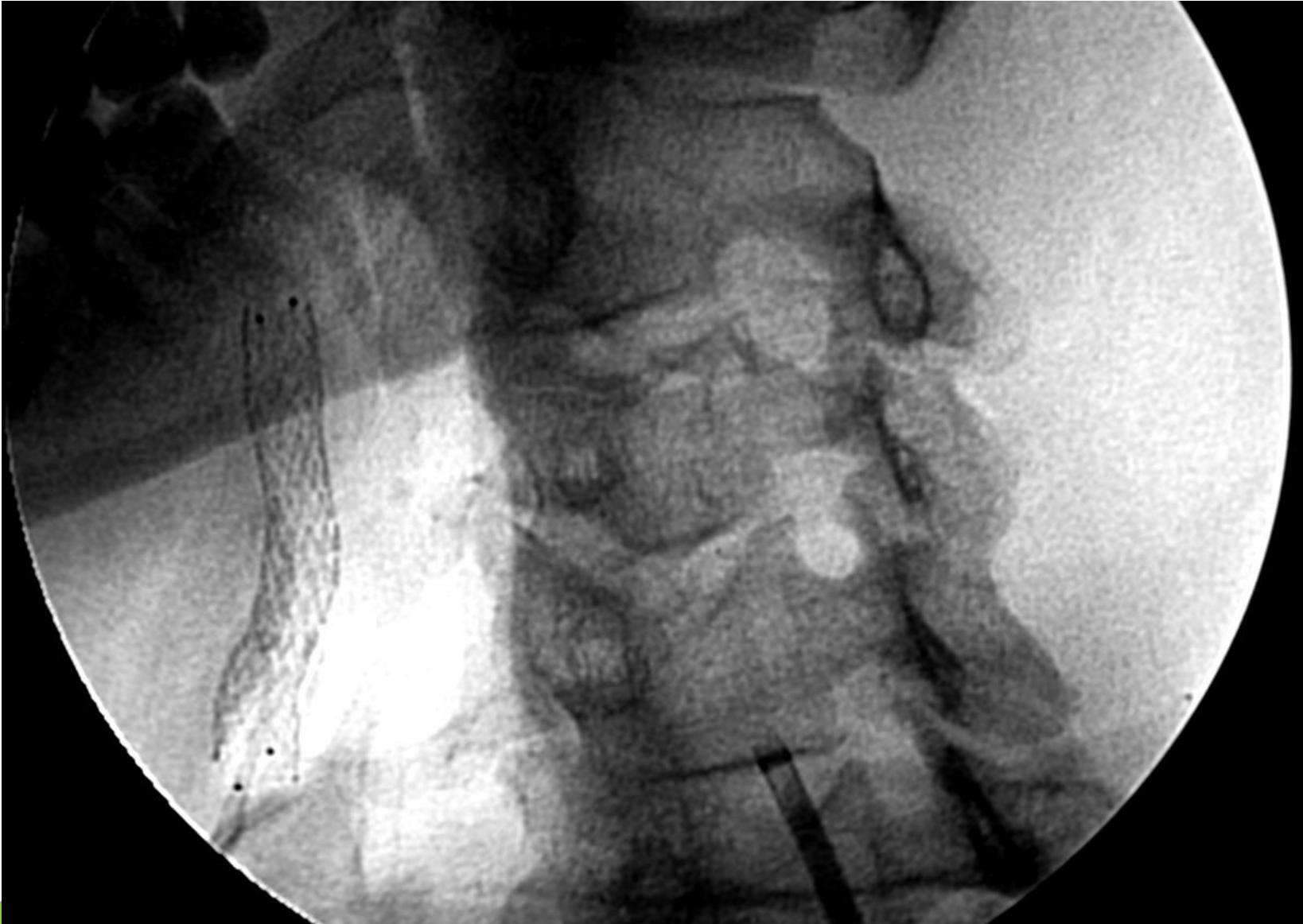


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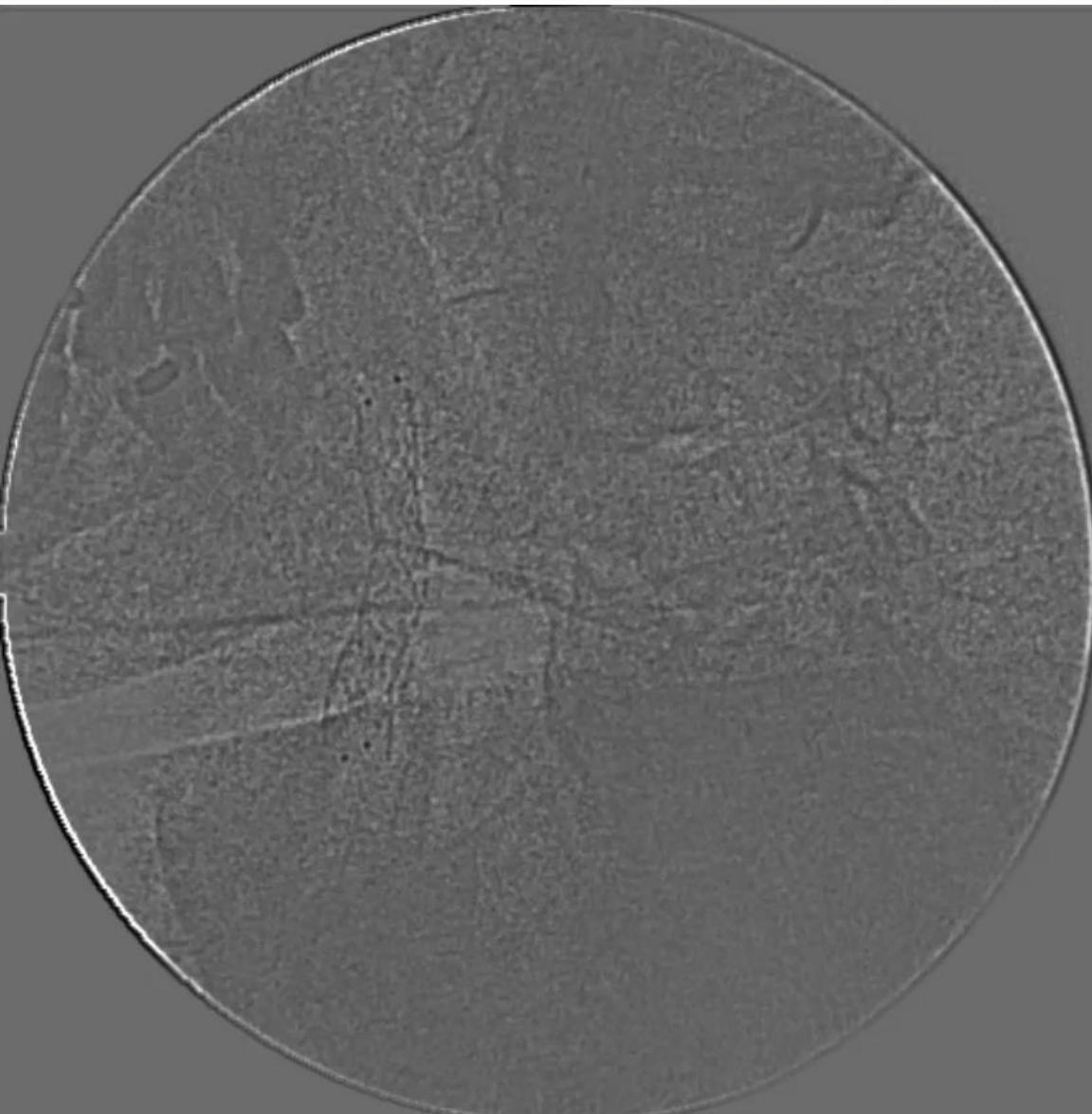


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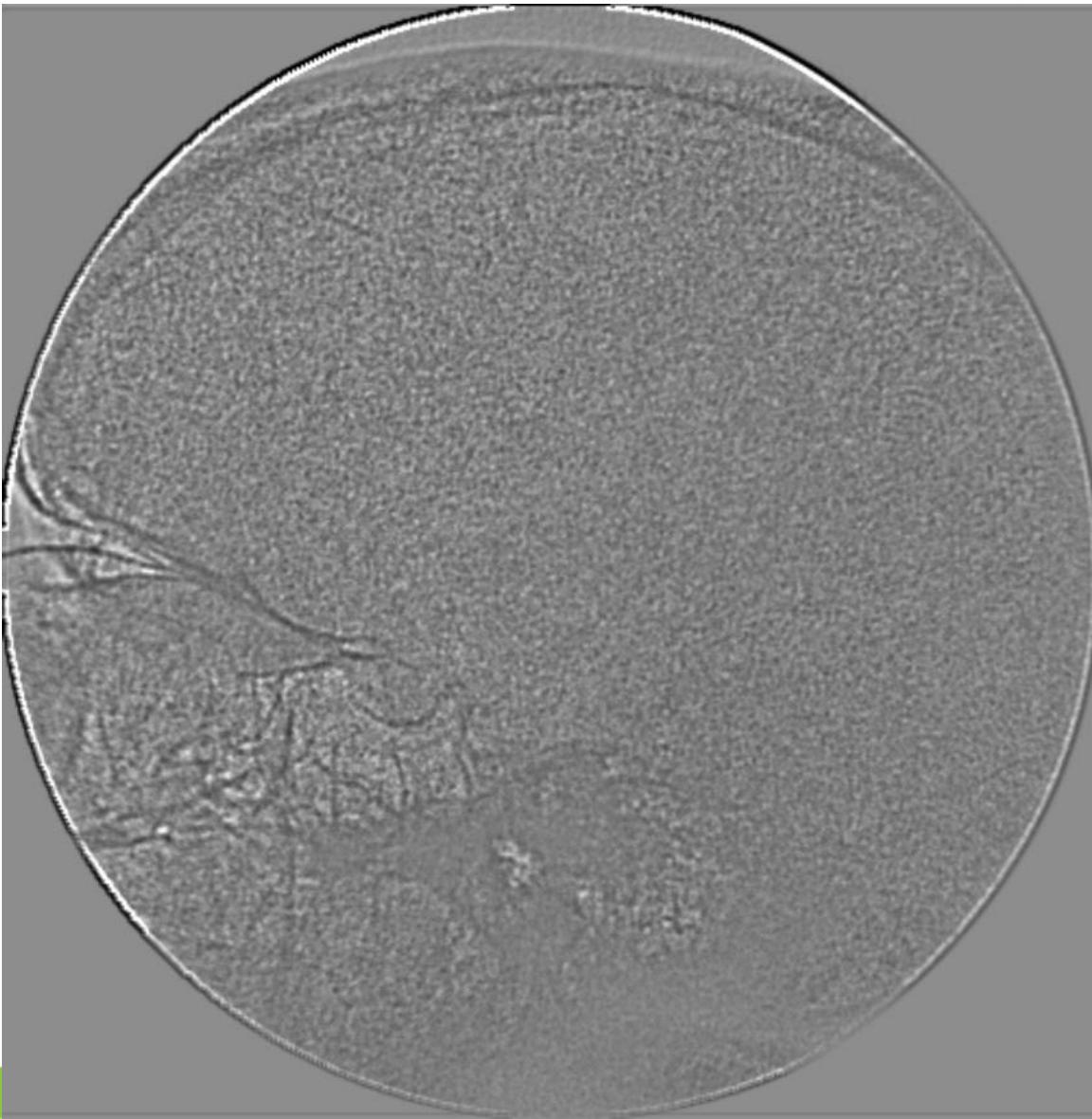


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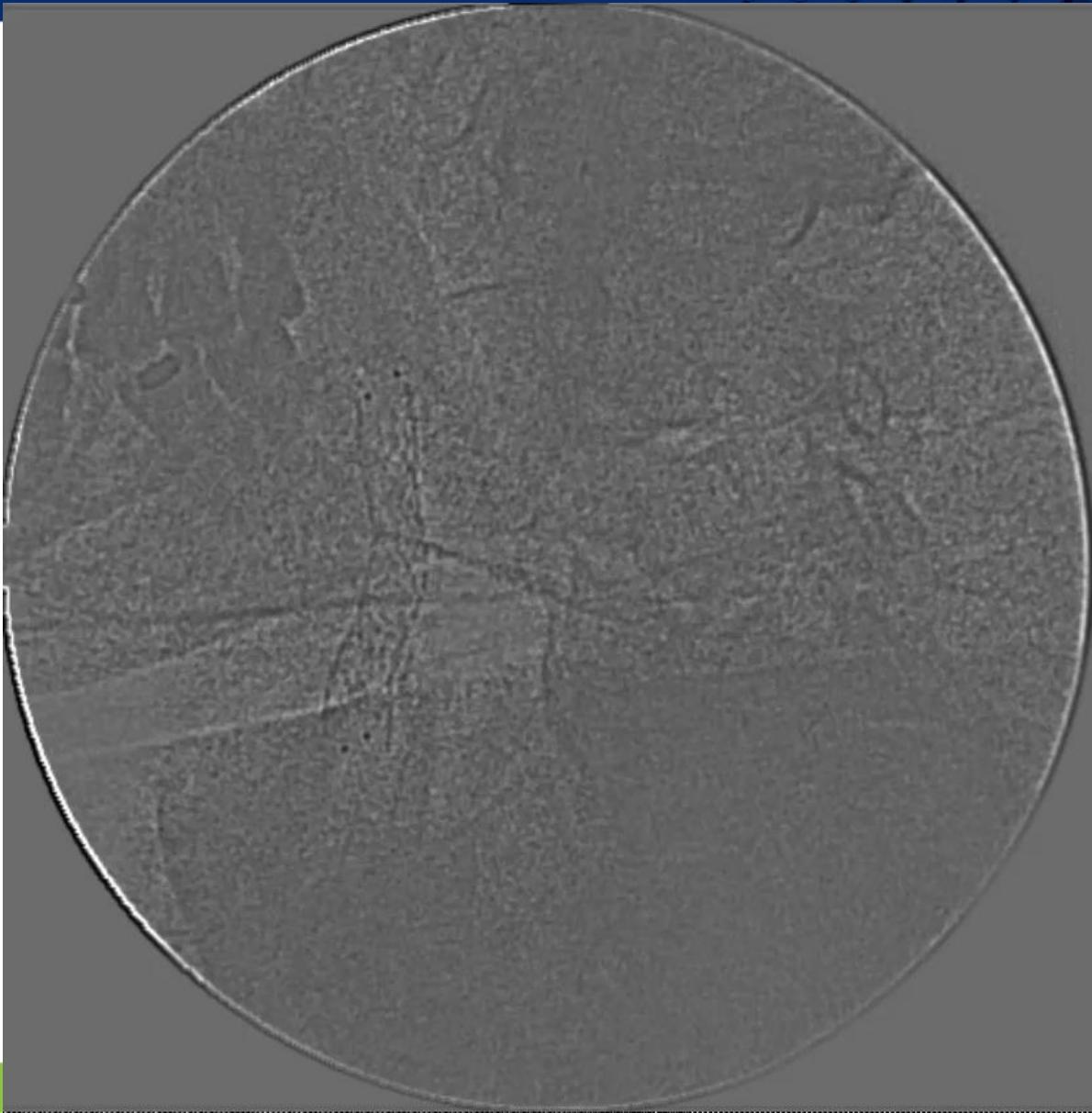


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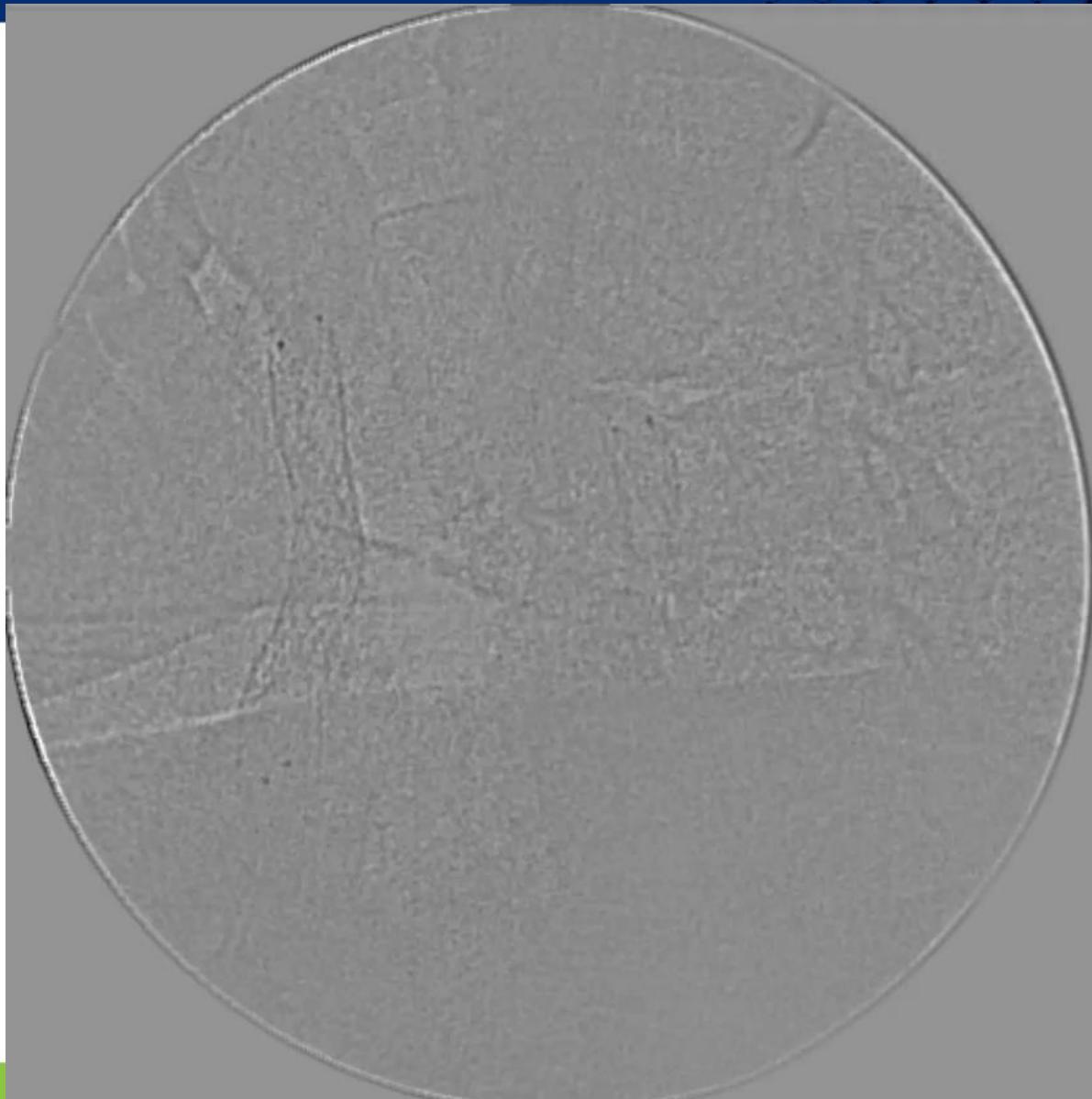


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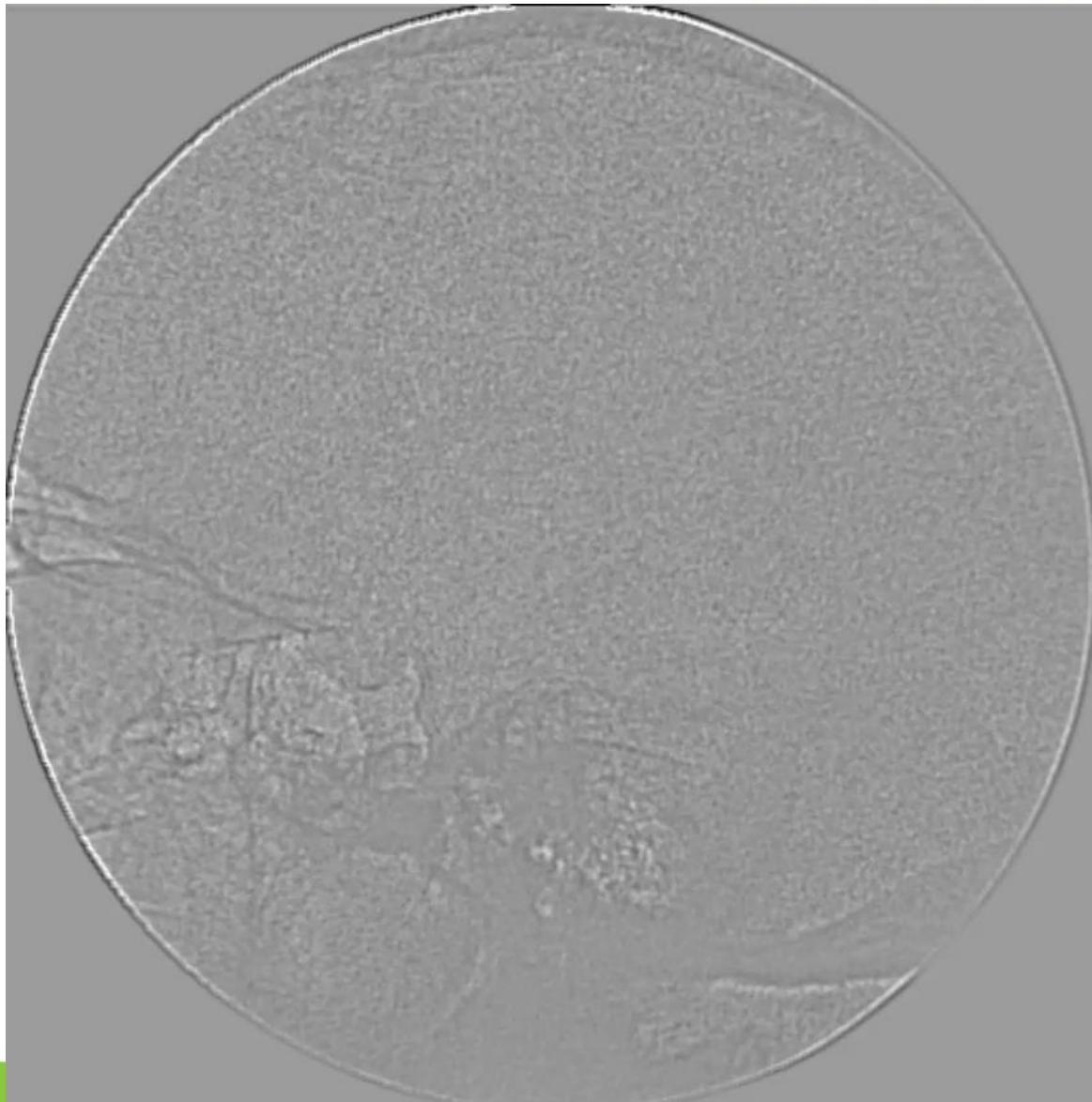


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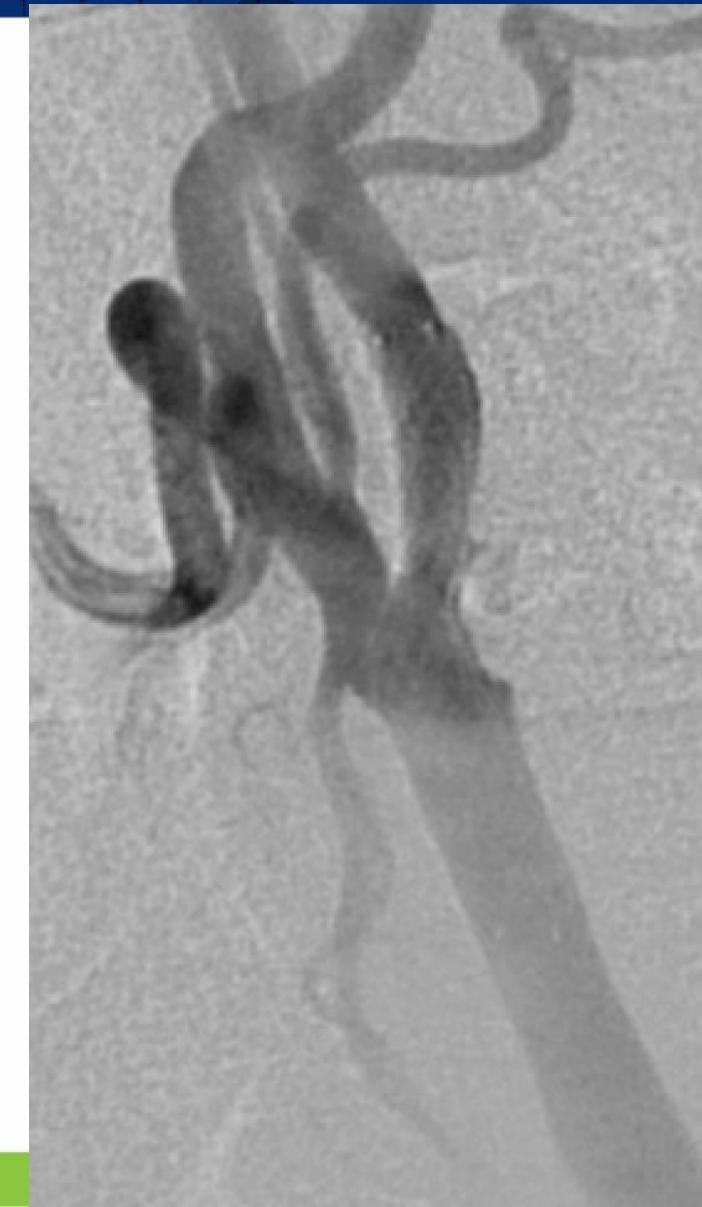
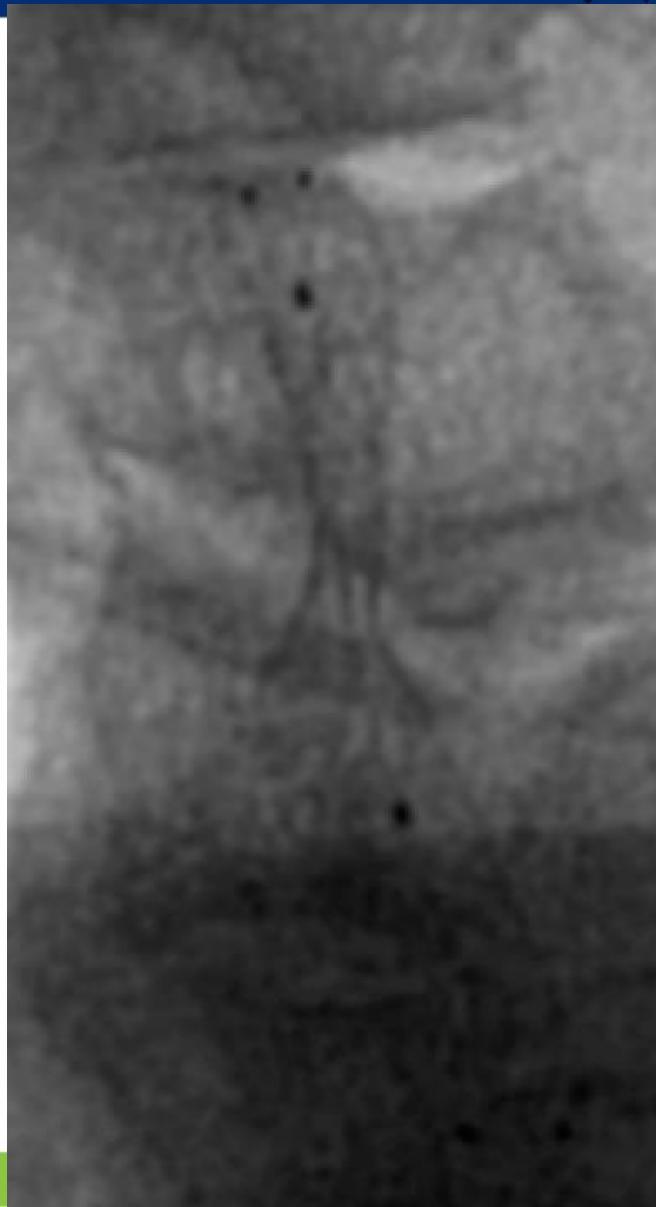


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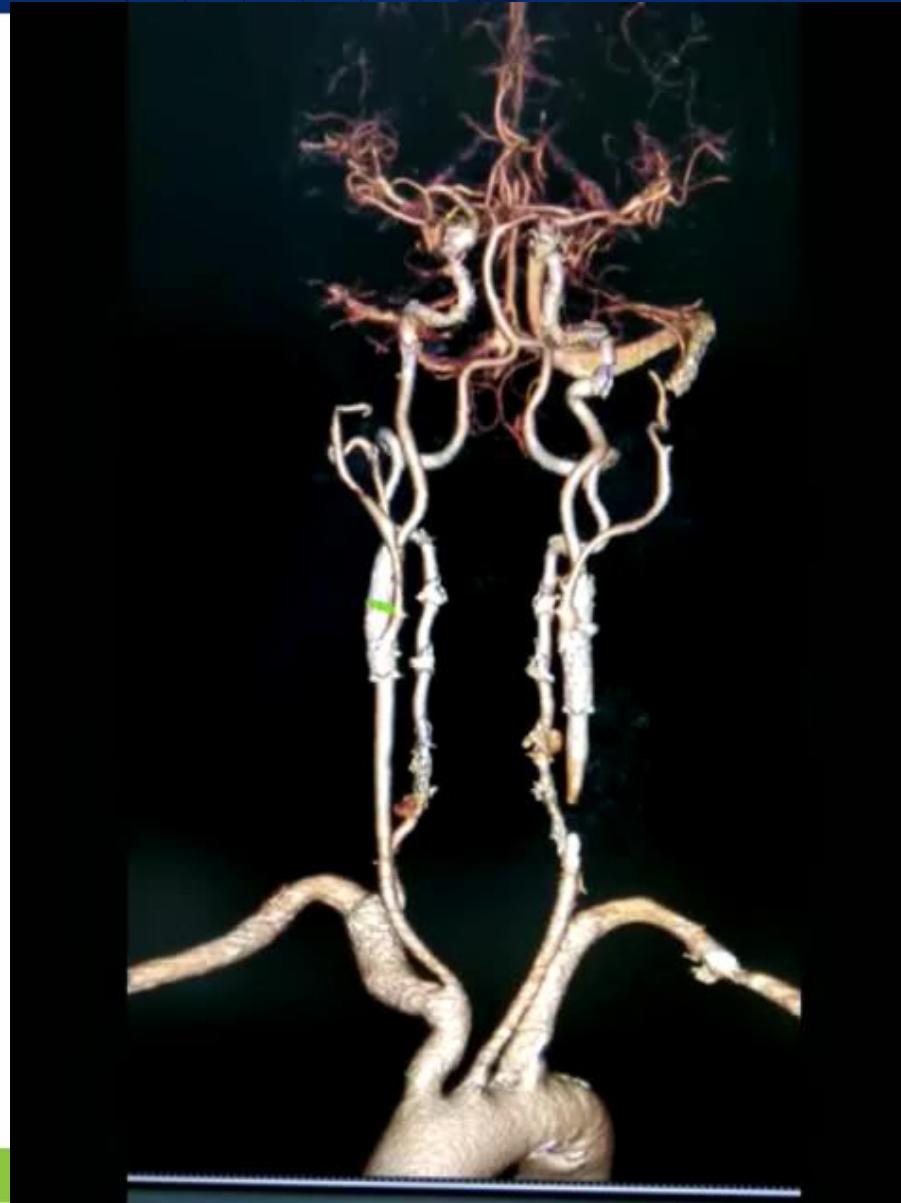


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CT Follow up (8 month)

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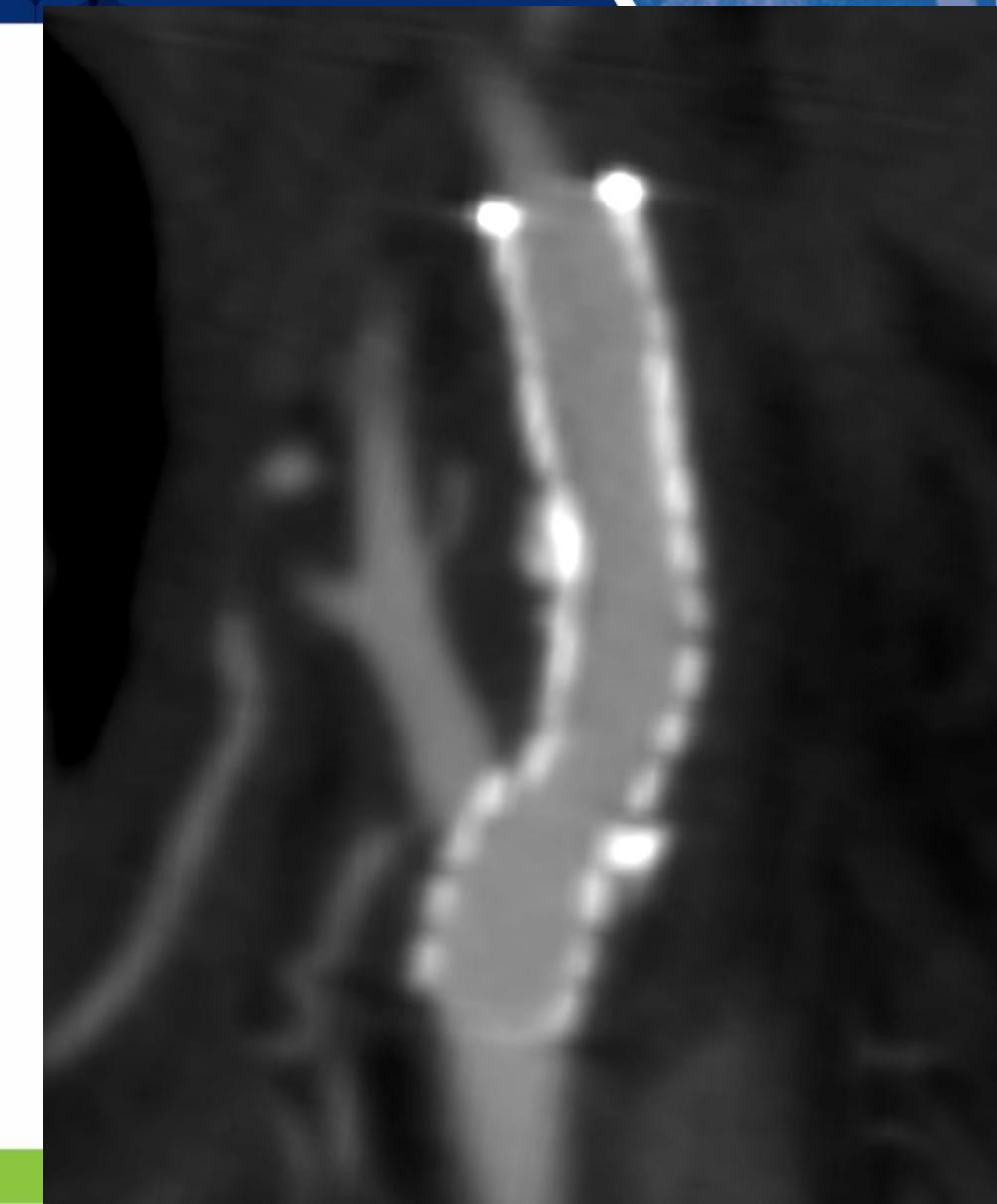
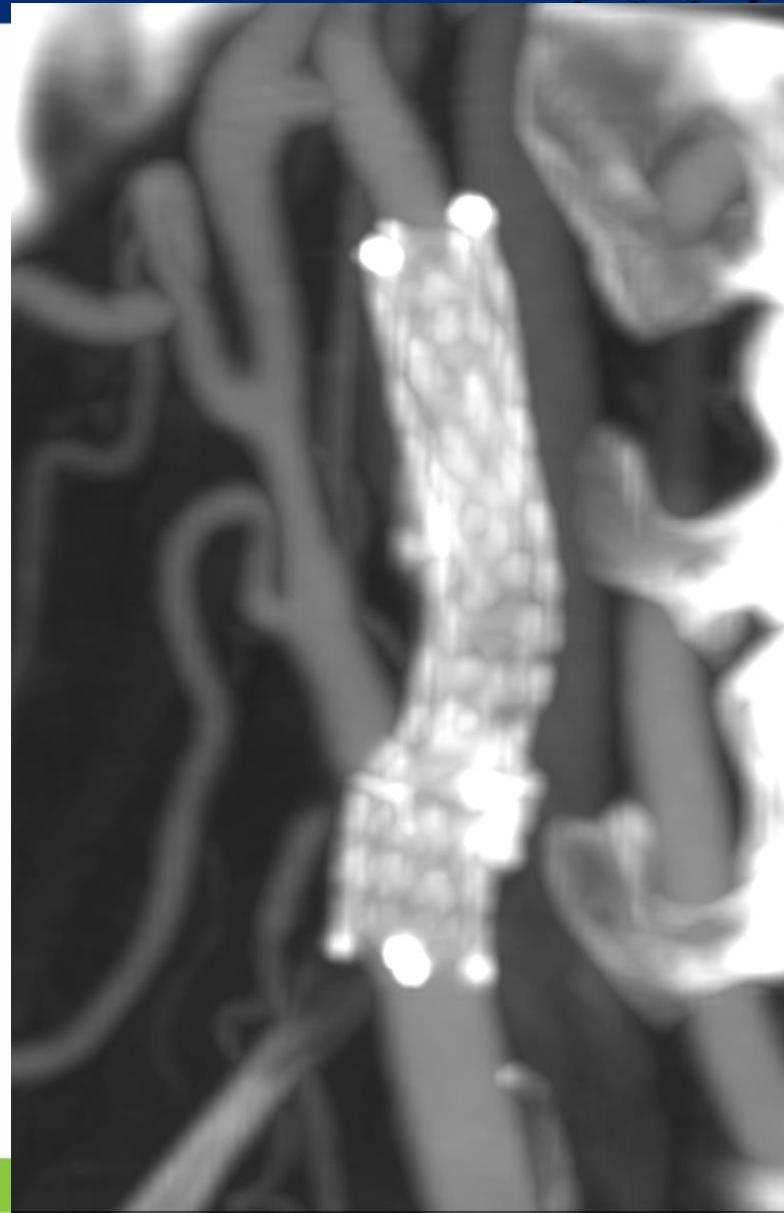
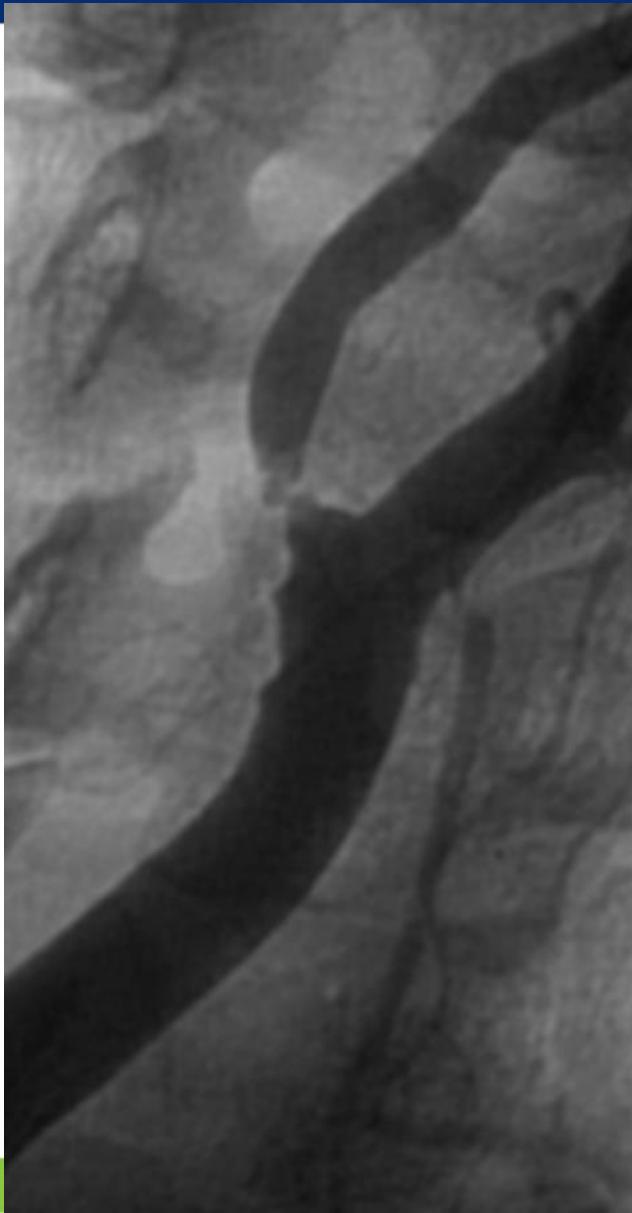


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CT Follow up (8 month)

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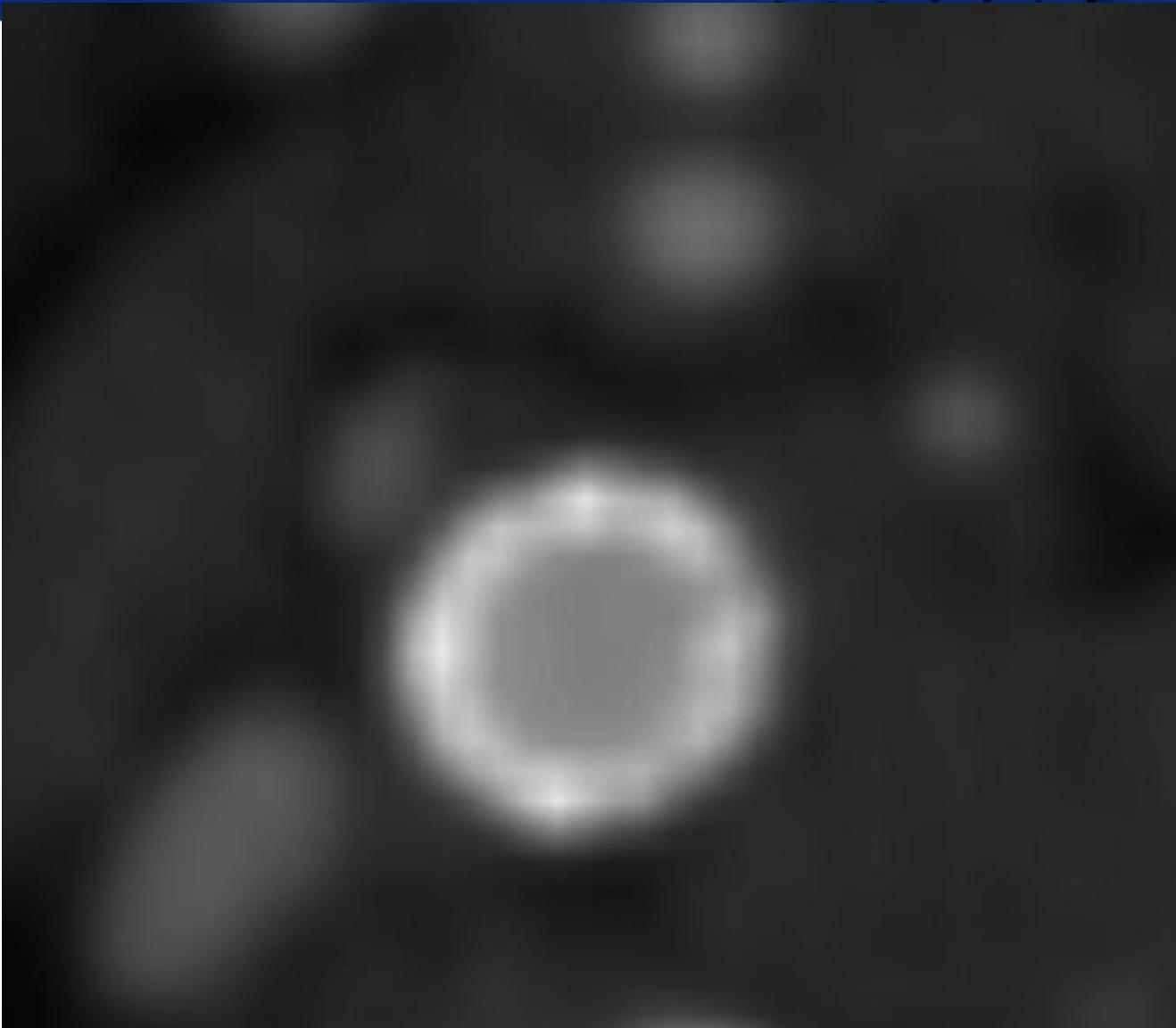
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CT Follow up (8 month)

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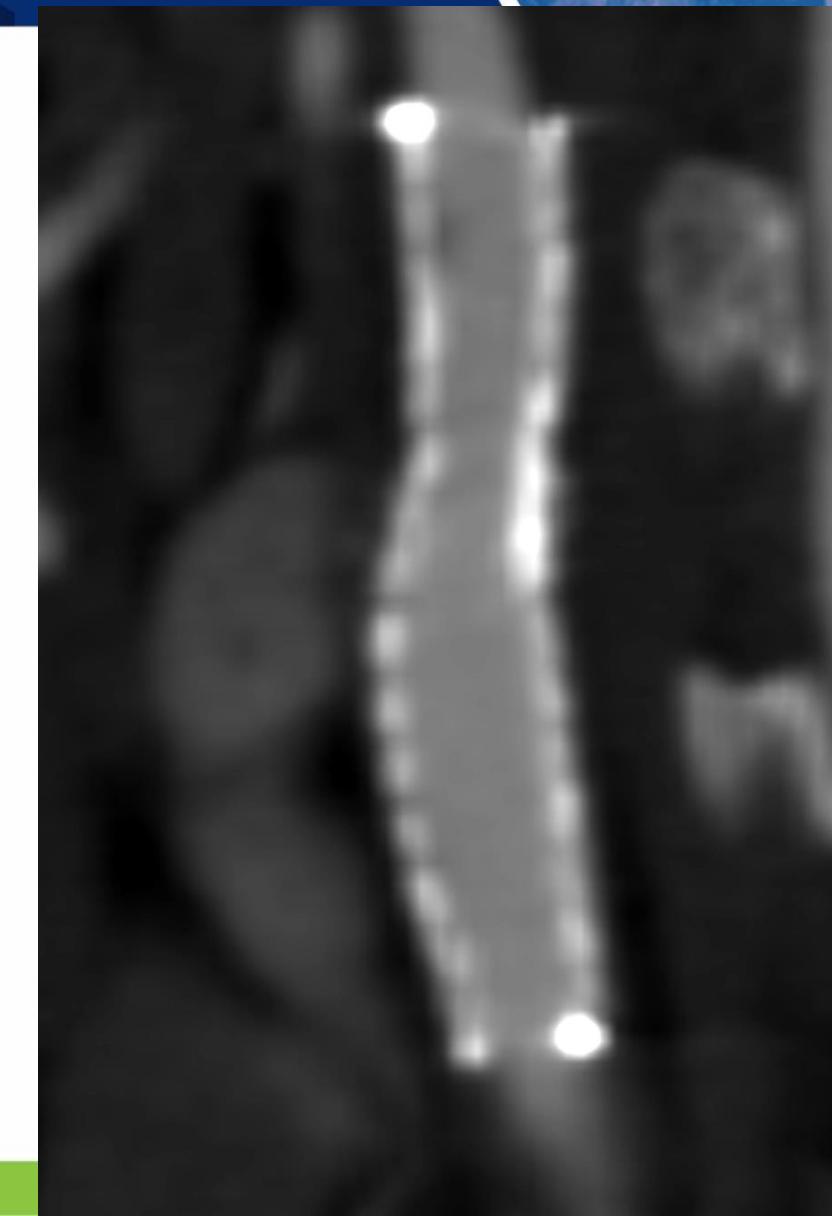
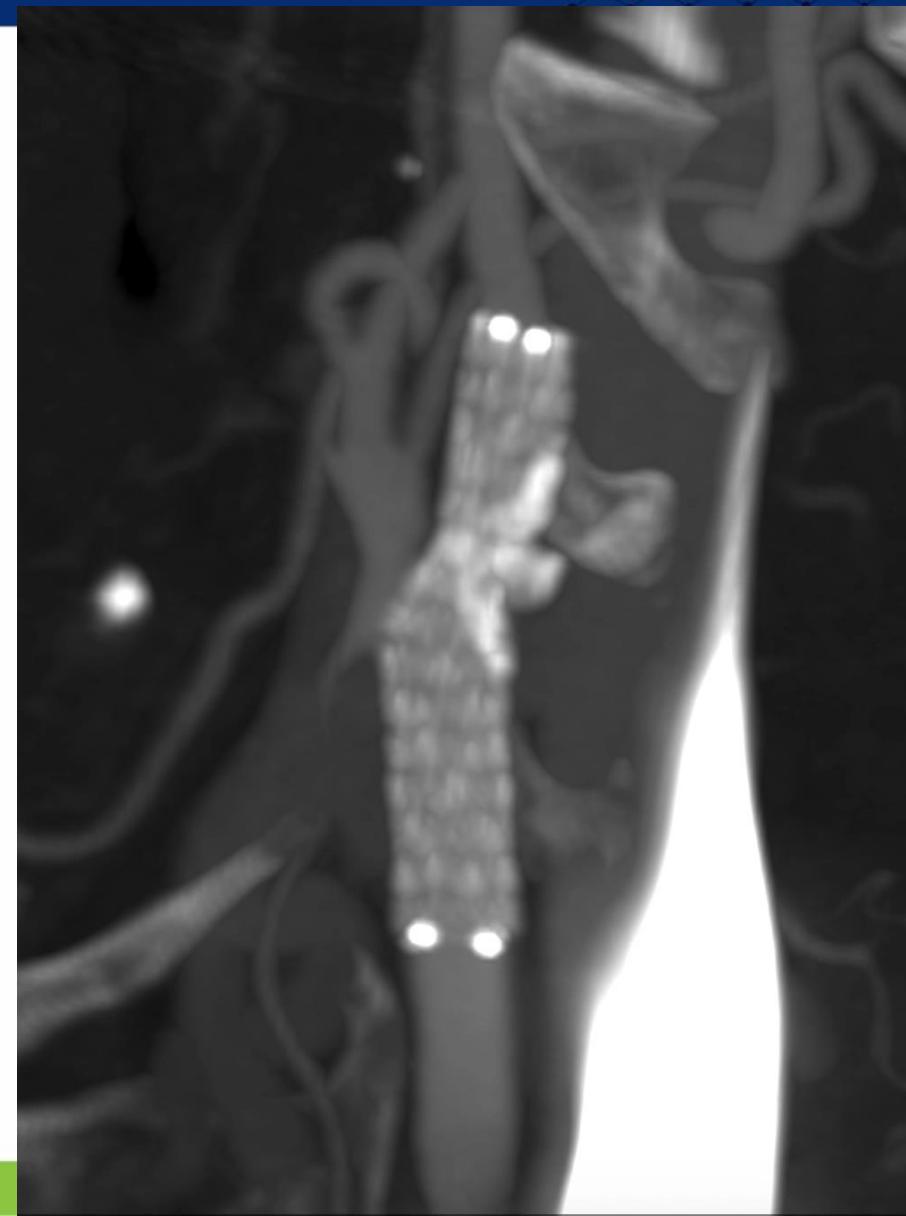


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CT Follow up (8 month)

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CT Follow up (8 month)

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Clinical Case II



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- 58 male, Hypertension, Diabetes type II.
- 26/4/2017 had a right ischemic stroke with facio-brachio-crural hemiparesis sequel.
- Echo: 99 % Severe stenosis of right internal carotid artery.
- Normal renal function.

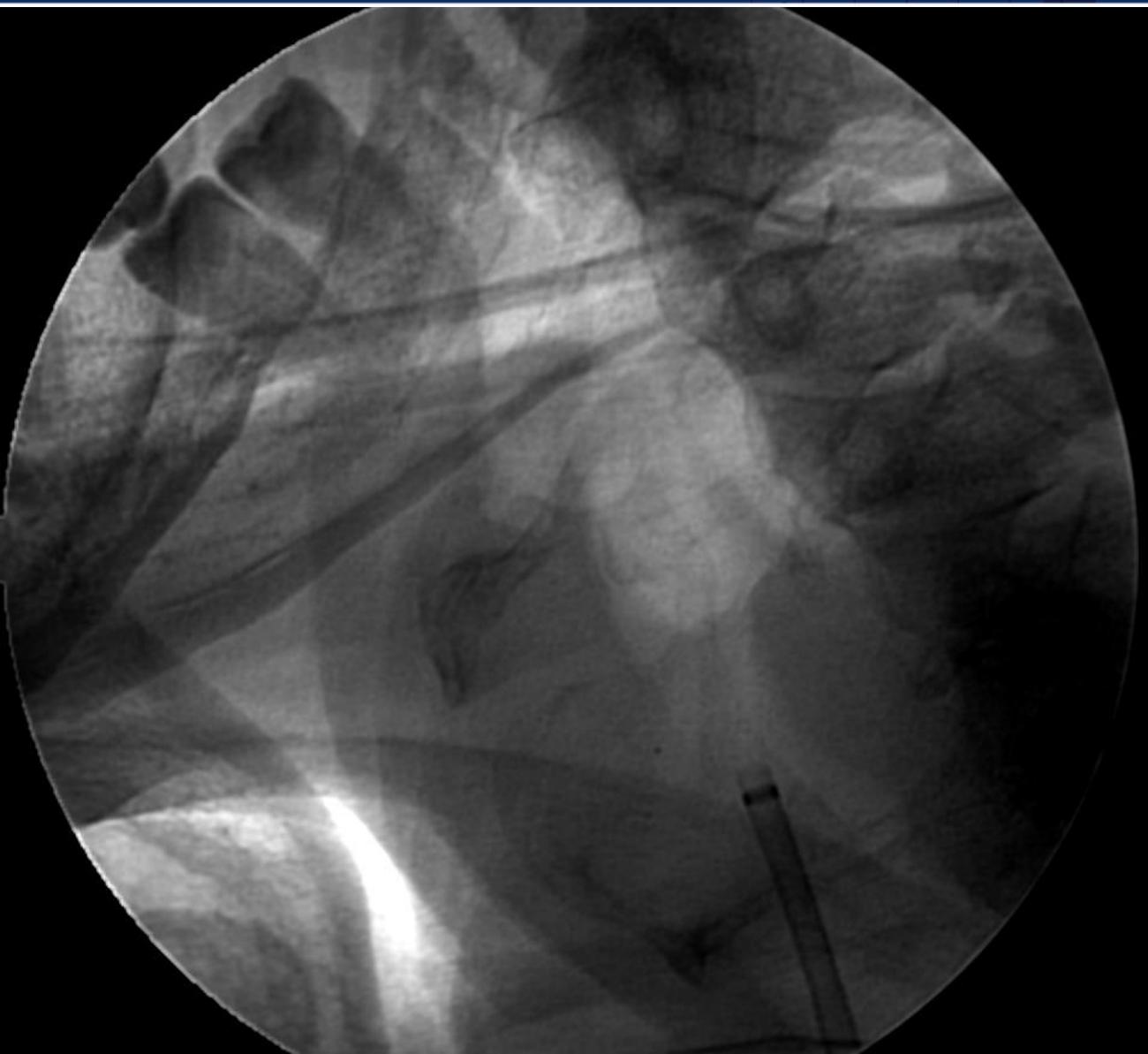
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Left Ischemic Stroke



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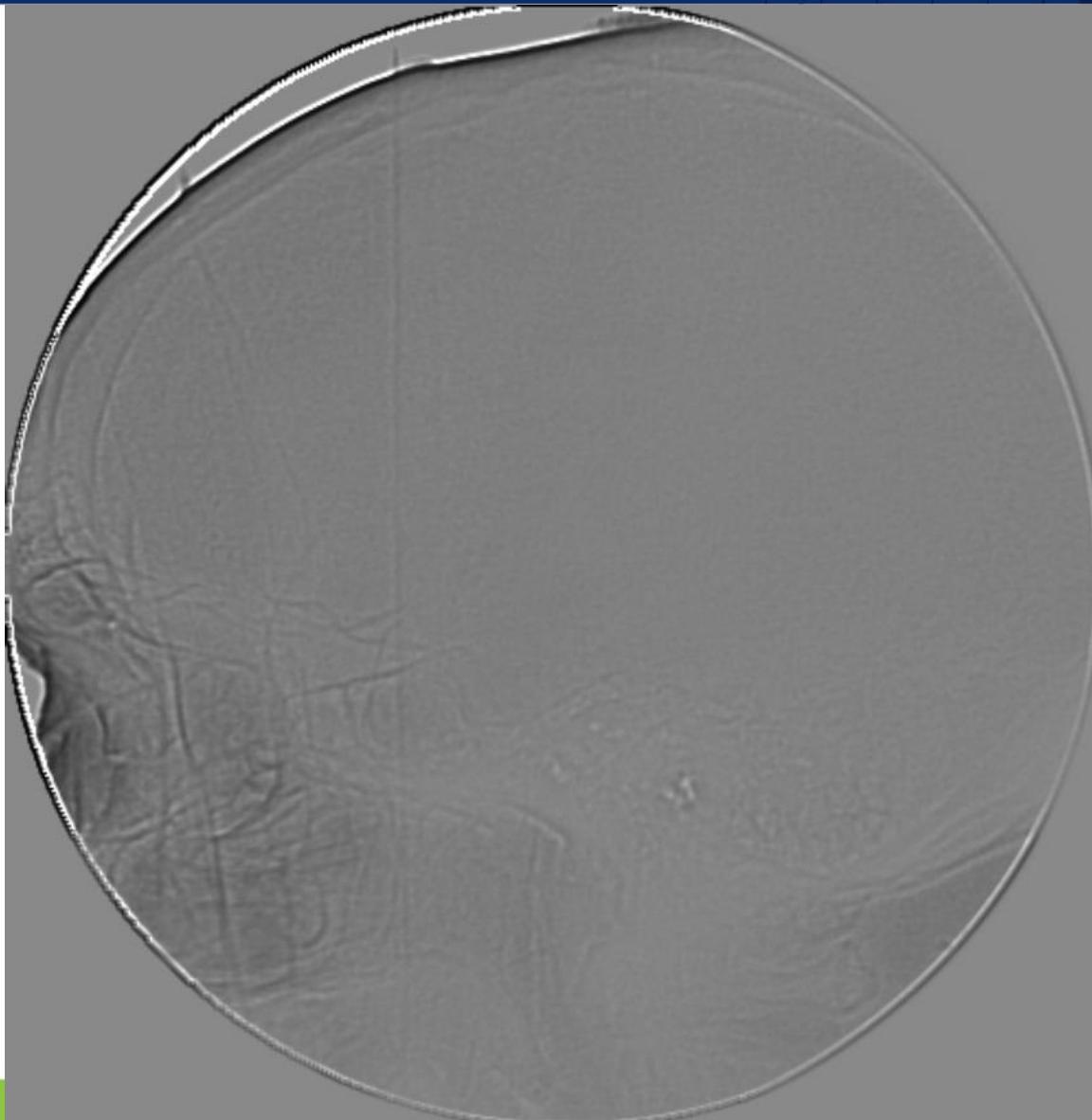
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Left Ischemic Stroke



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Left Ischemic Stroke



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Left Ischemic Stroke



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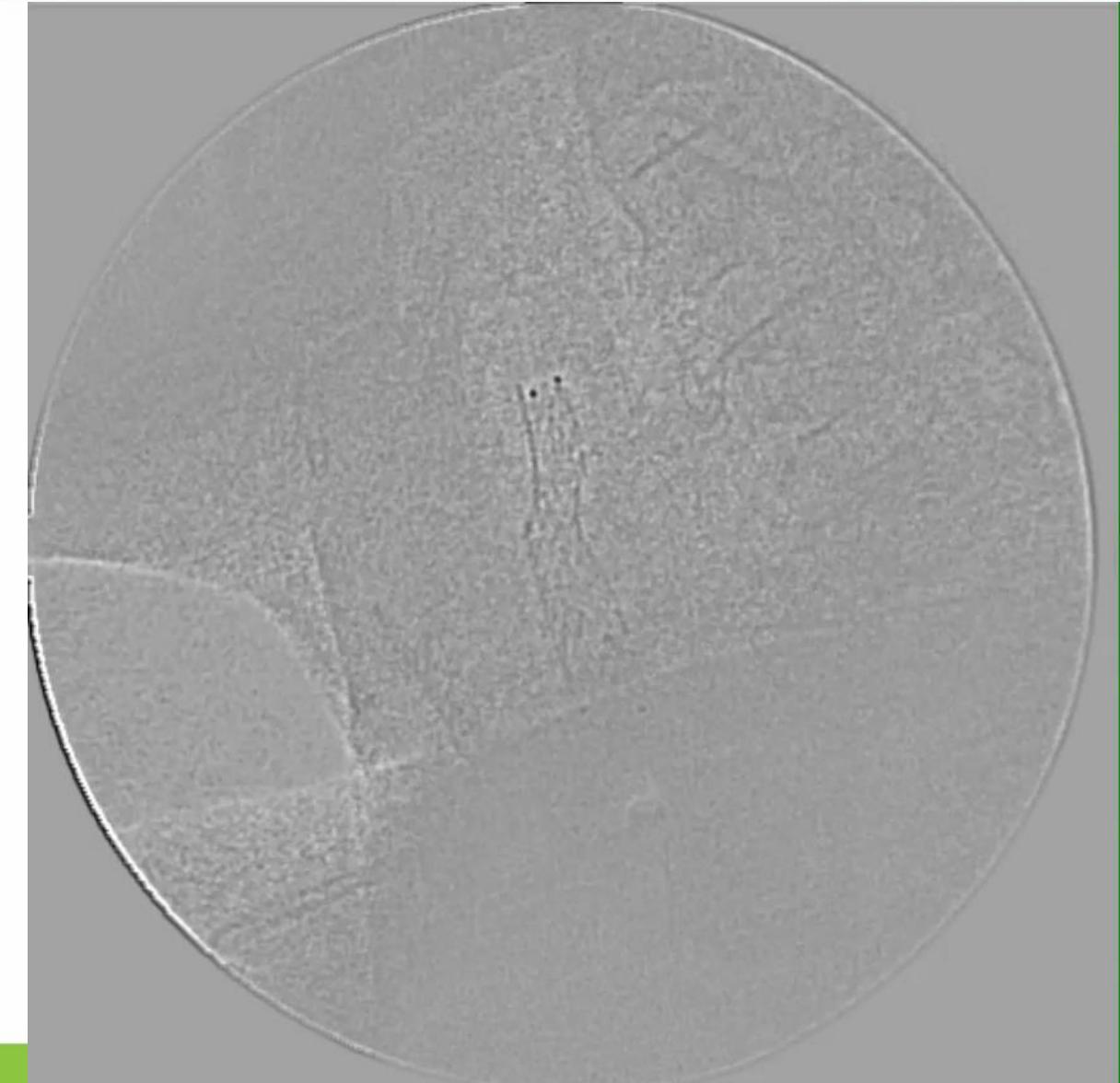
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Left Ischemic Stroke



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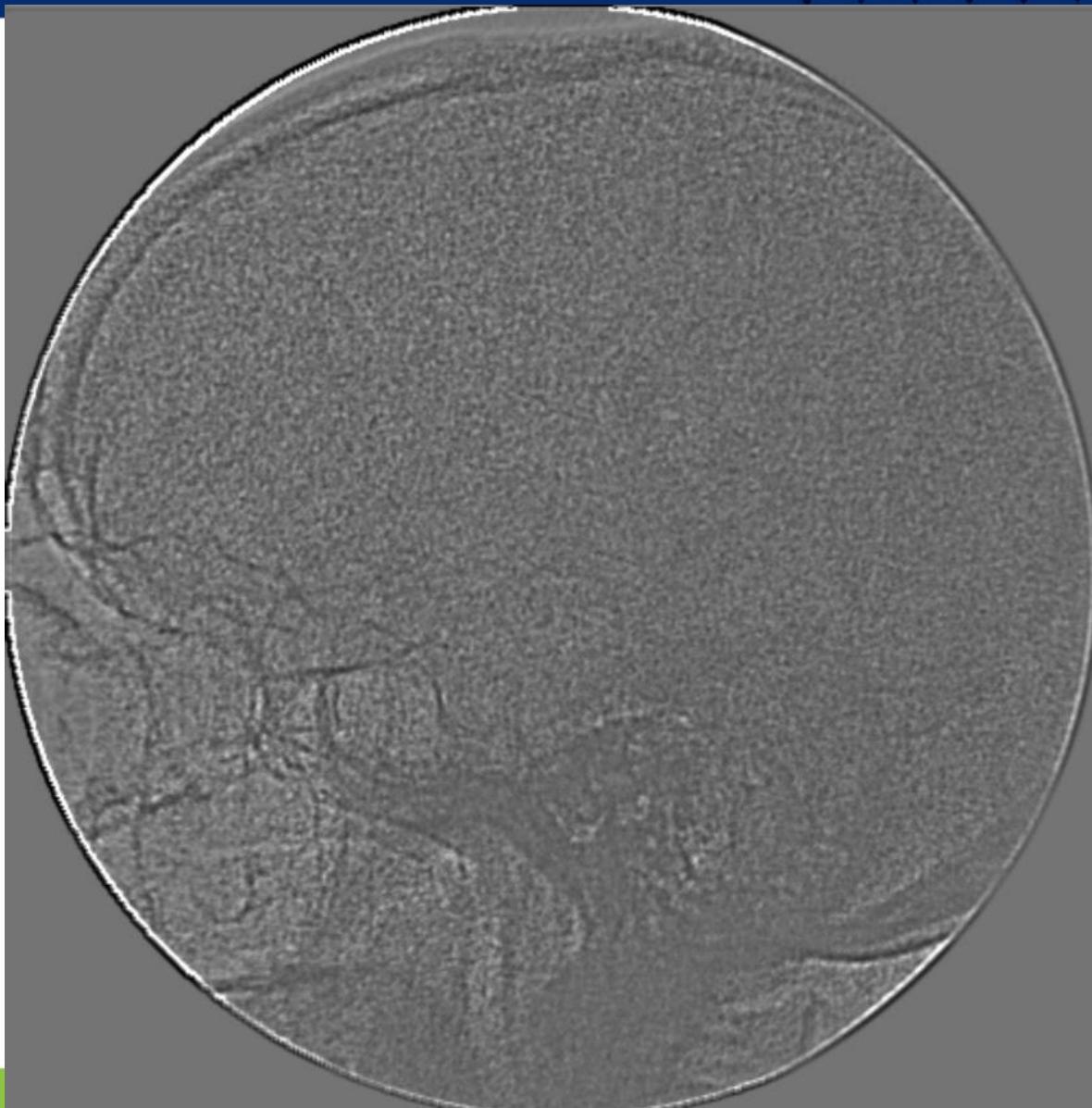


Left Ischemic Stroke



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Clinical Case III



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- 67 male, Hypertension.
- Esophageal cancer.
- Echo: 90% asymptomatic ulcerated stenosis of right internal carotid artery.
- Normal renal function.

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Post-ICCA VARSAW Strategy

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Post-ICCA VARSAW Strategy



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Post-ICCA VARS AW Strategy



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Post-ICCA VARSAW Strategy

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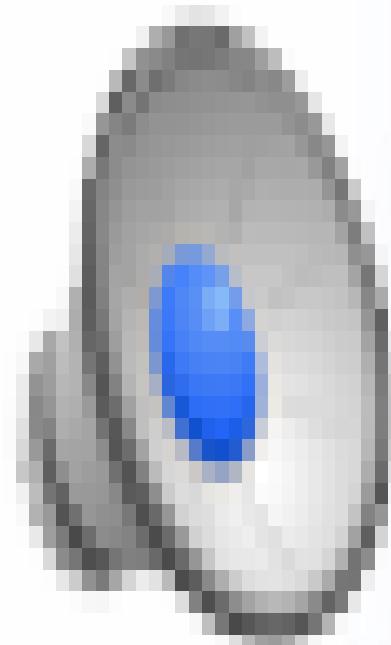
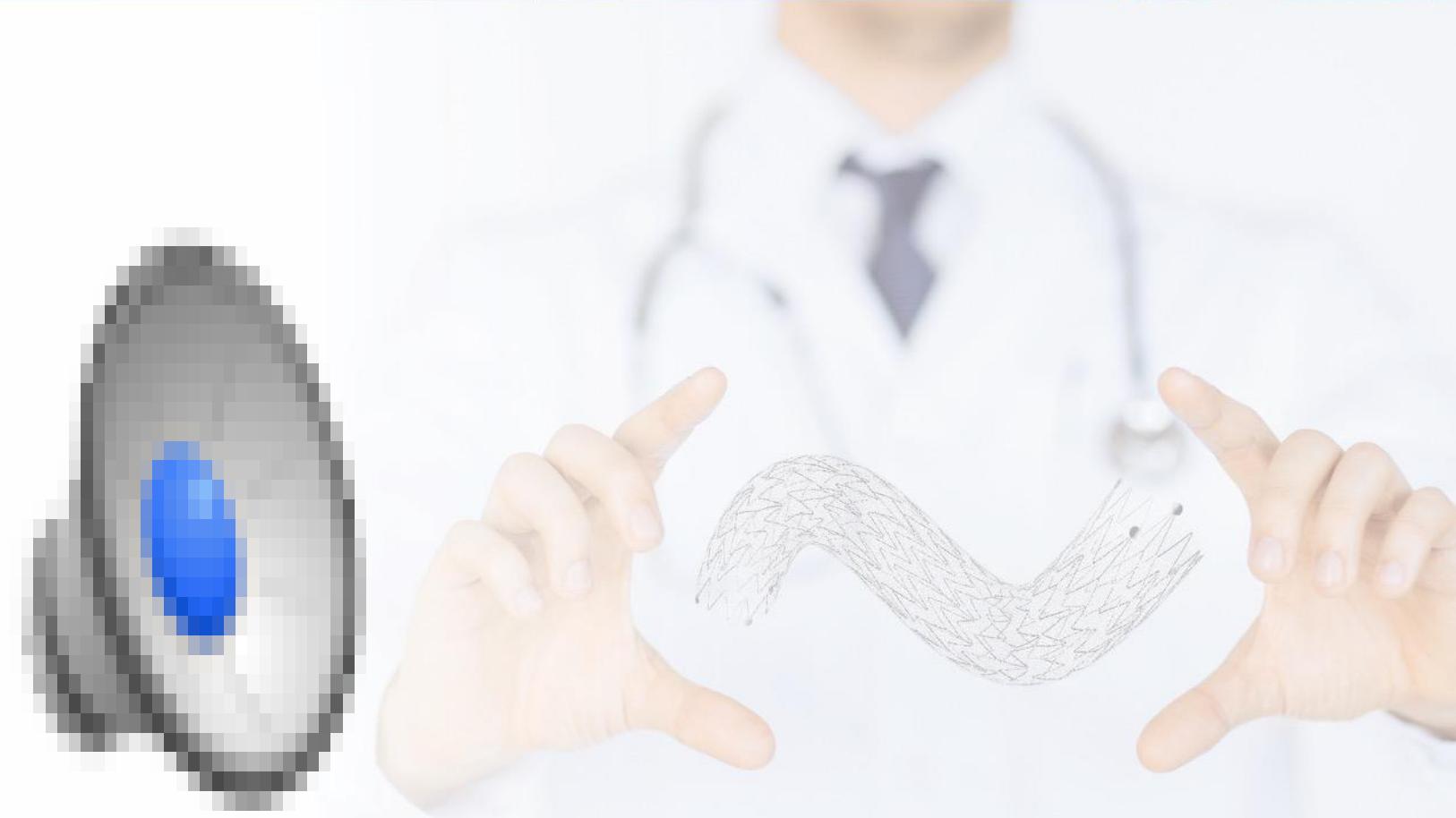
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Post-ICCA VARSAW Strategy



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Post-ICCA VARSAW Strategy



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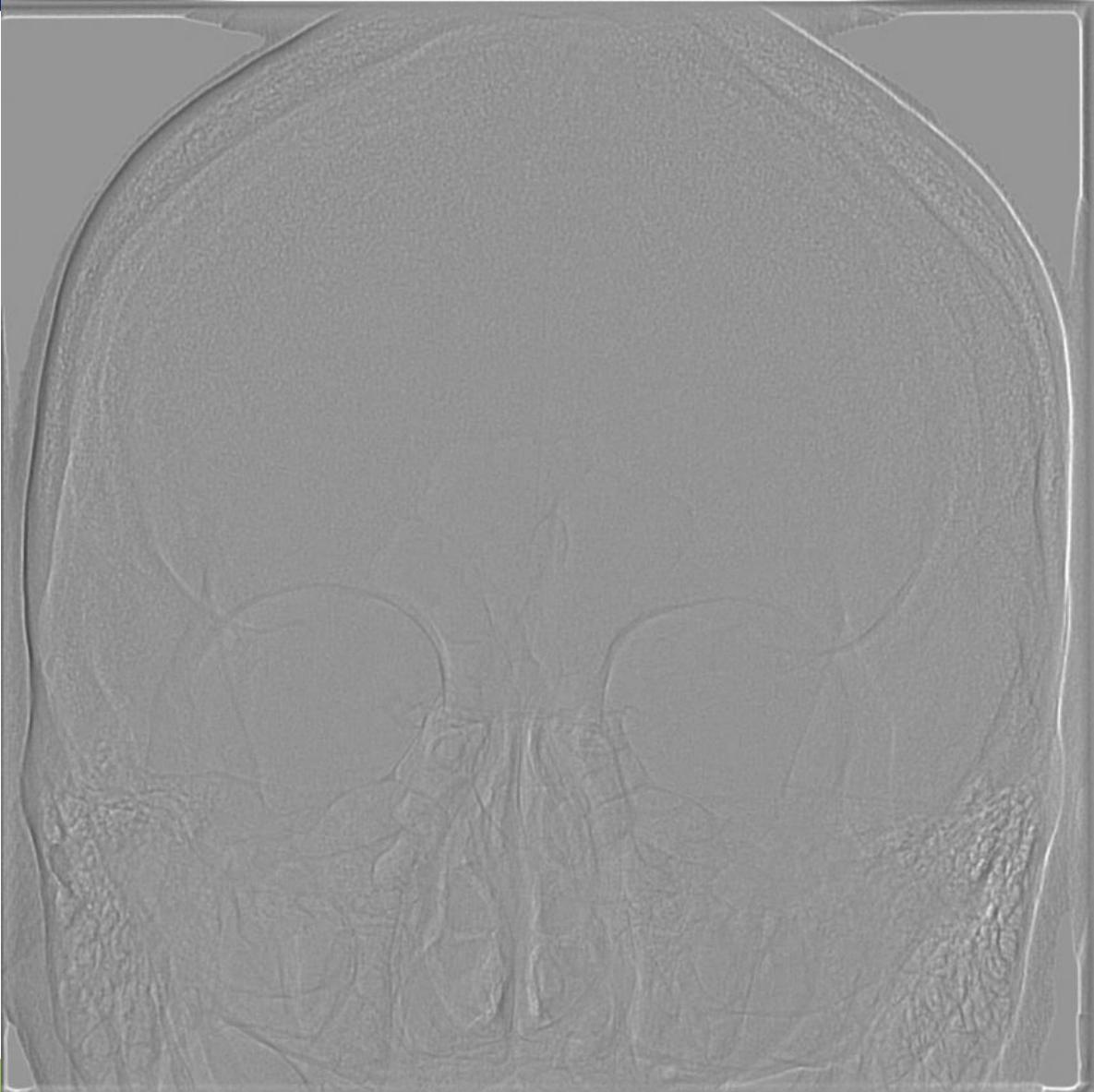
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Clinical Case IV



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- 77 male, Hypertension, Diabetes type II.
- Two episodes Right transient ischemic attack.
- Echo: 60% left ulcerated stenosis of internal carotid artery.
- Normal renal function.

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Be Carefull With The Size !!!!

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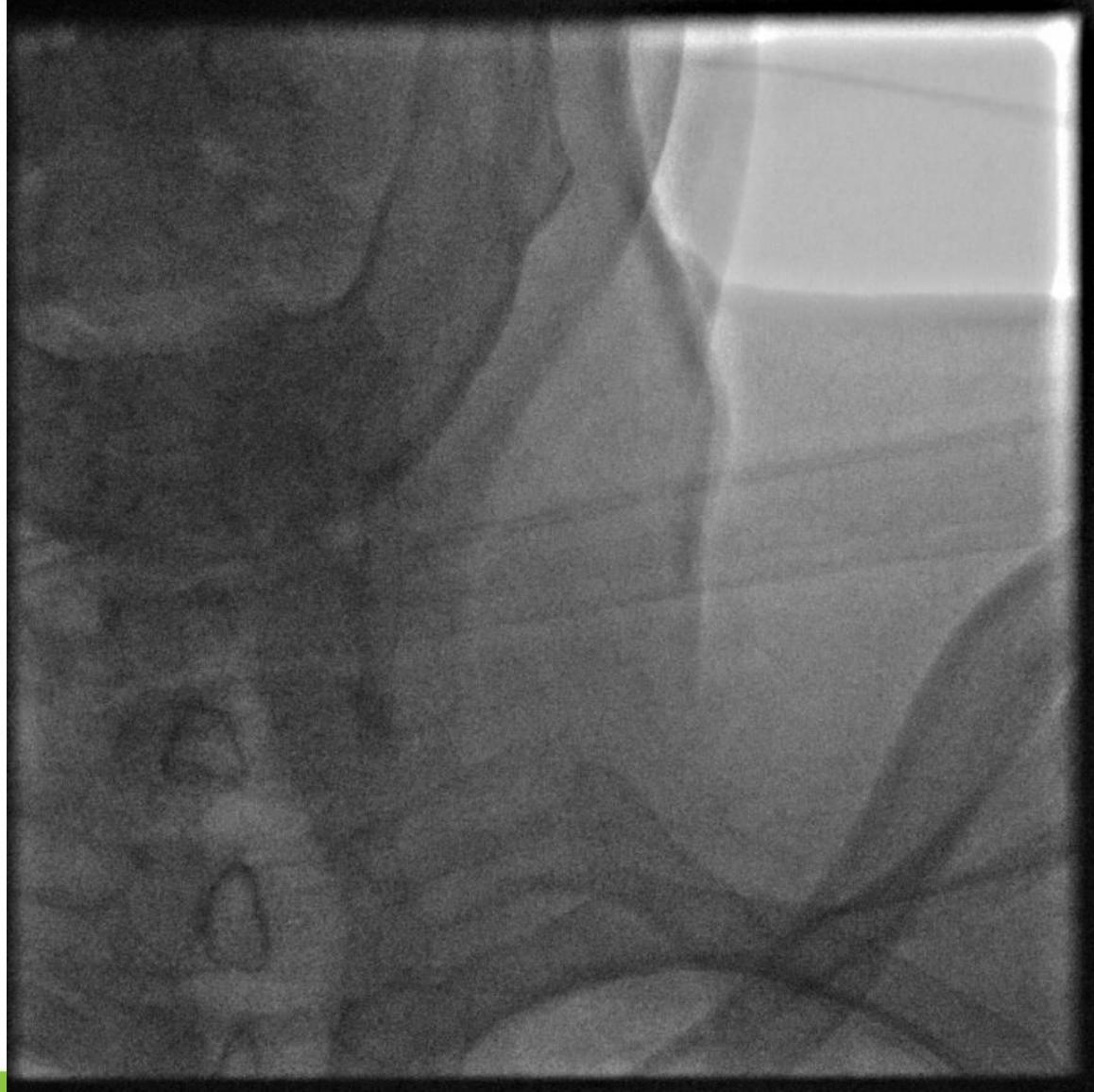
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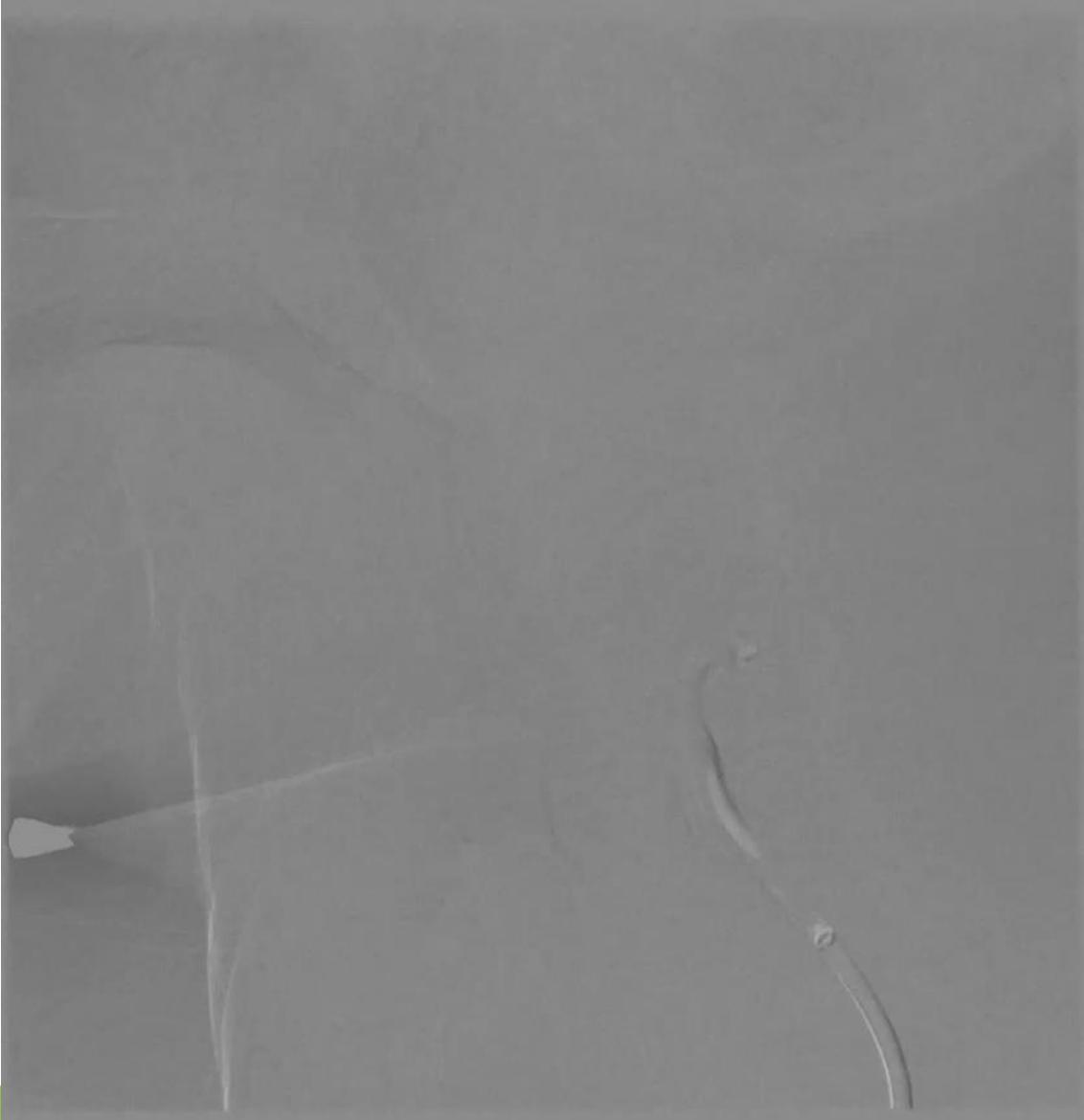


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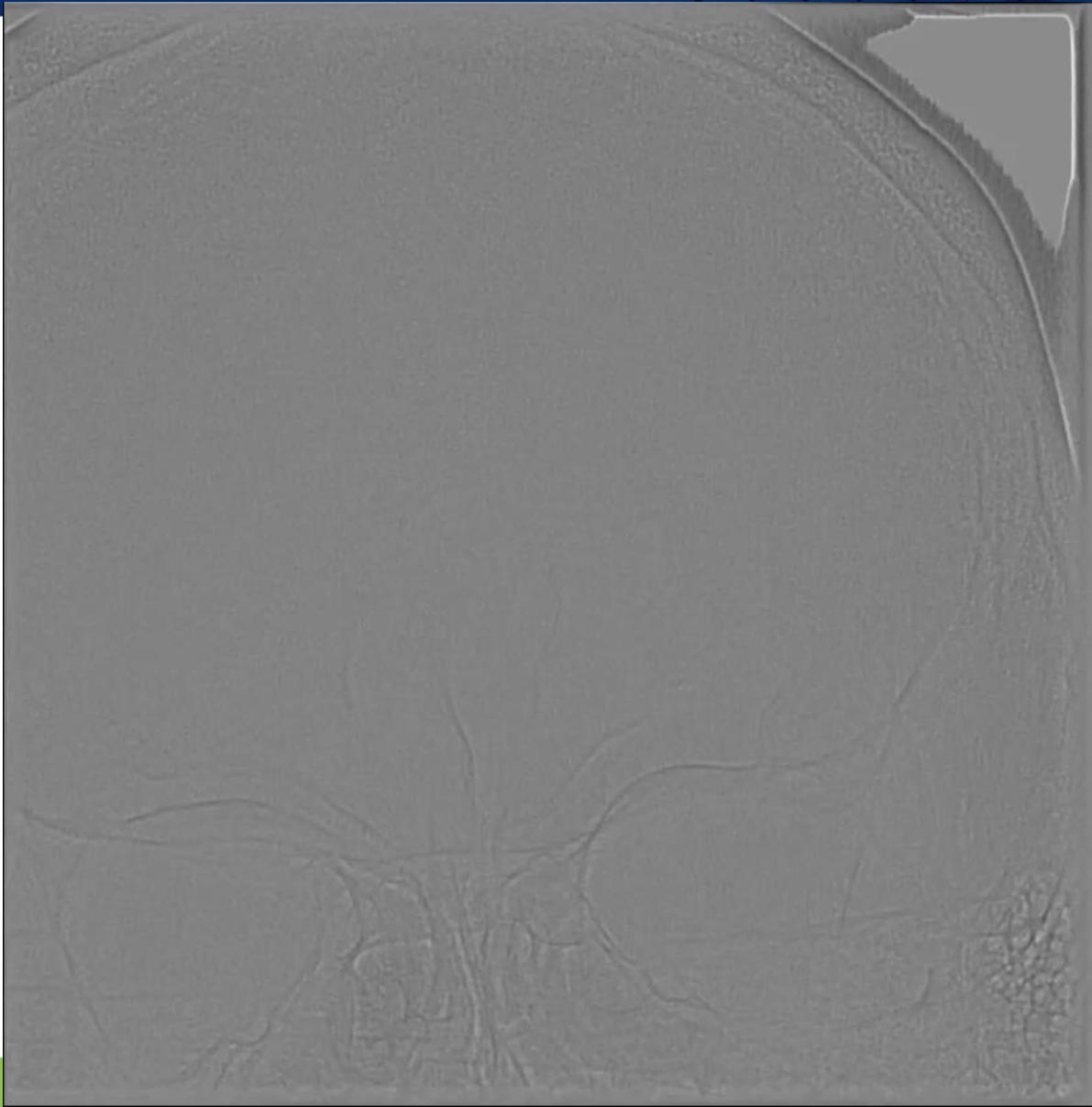


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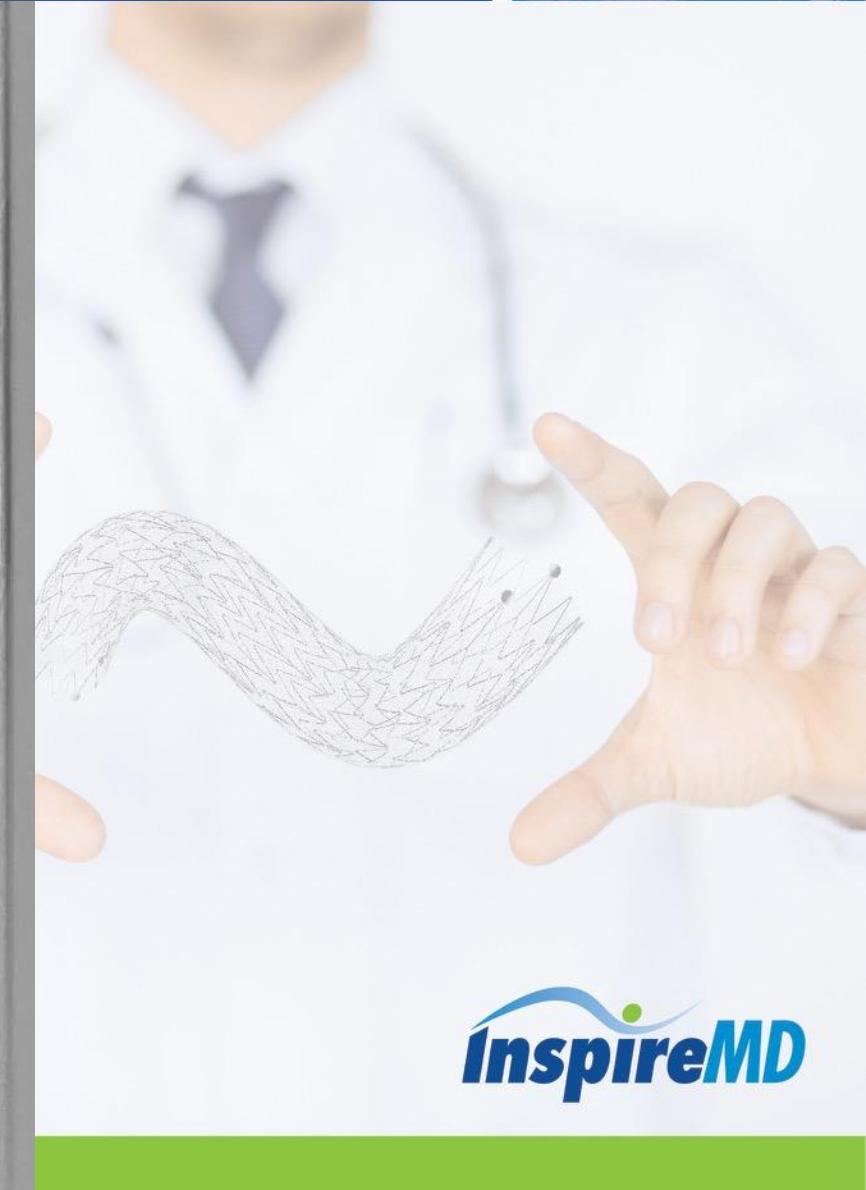
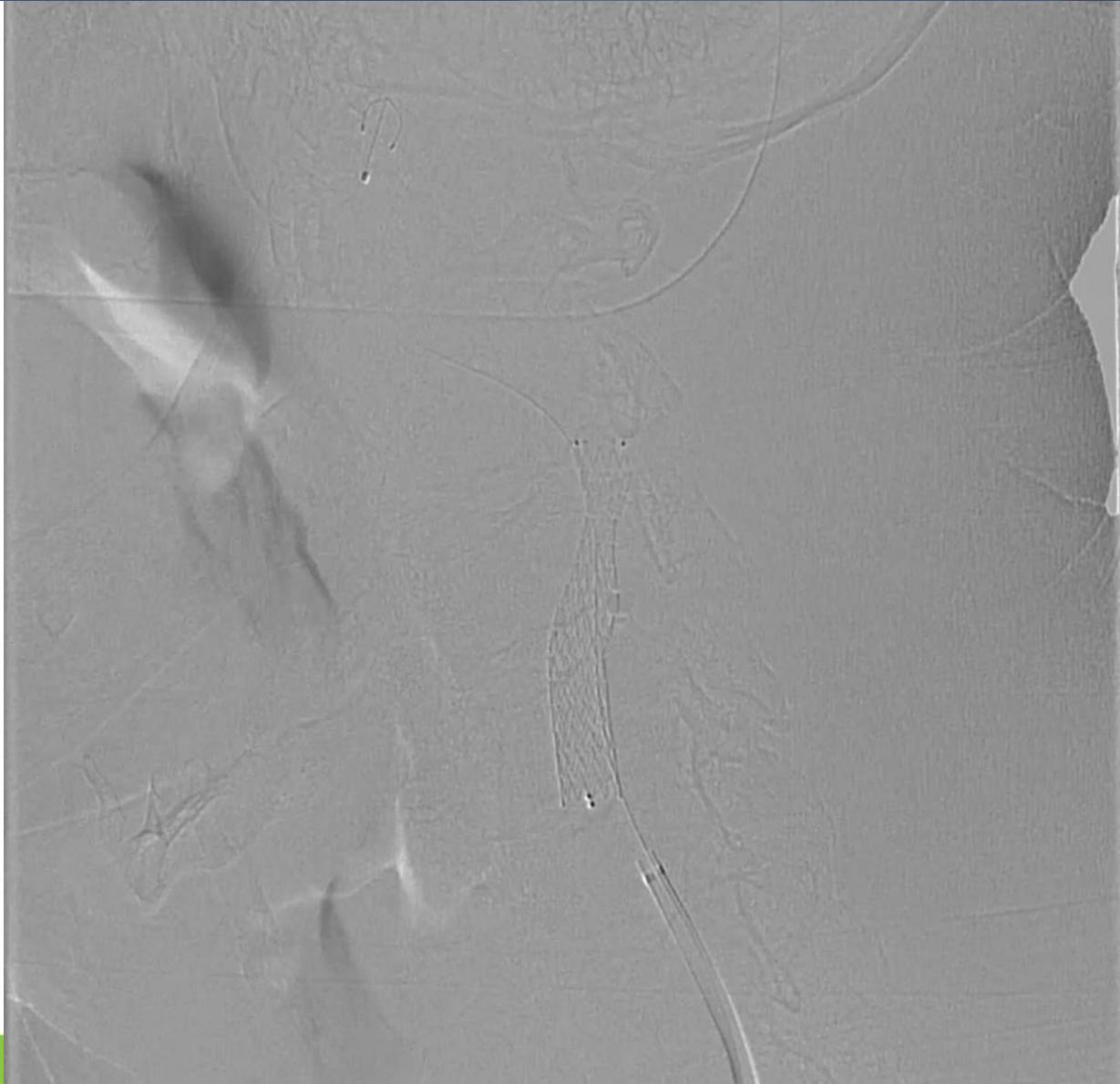


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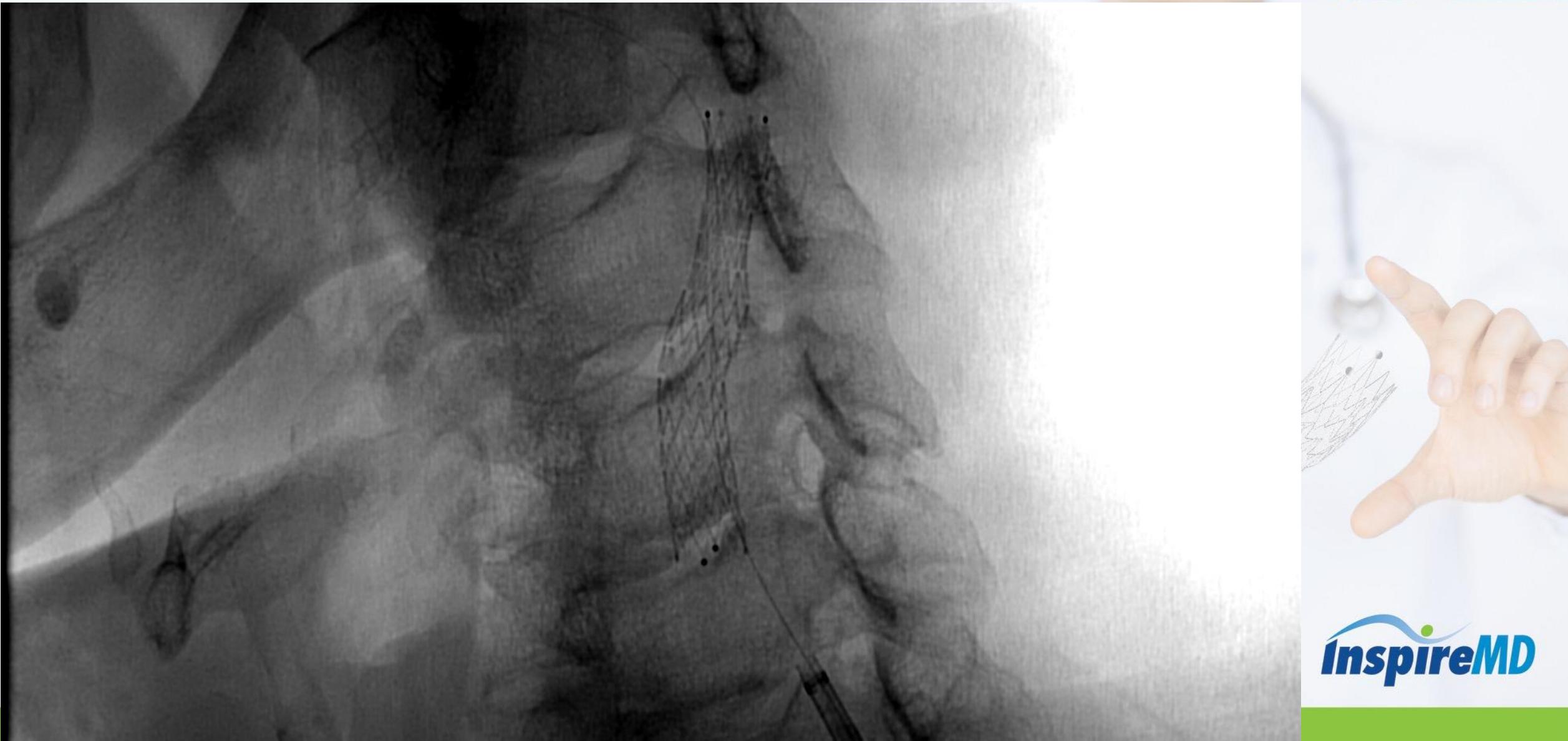


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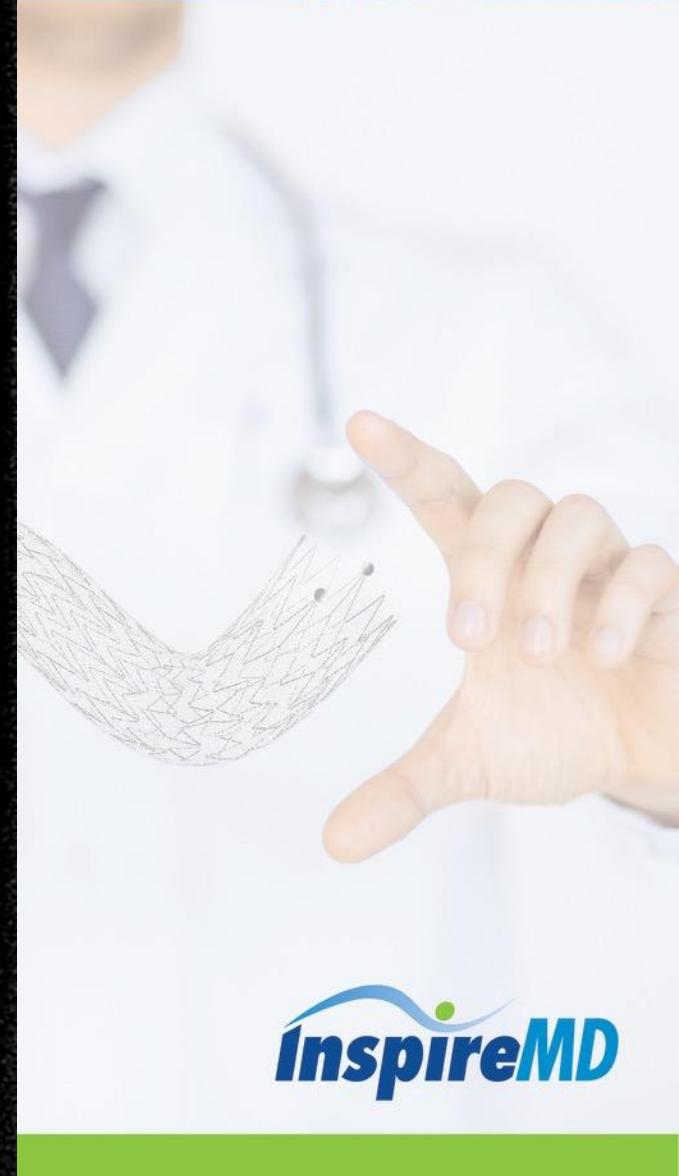


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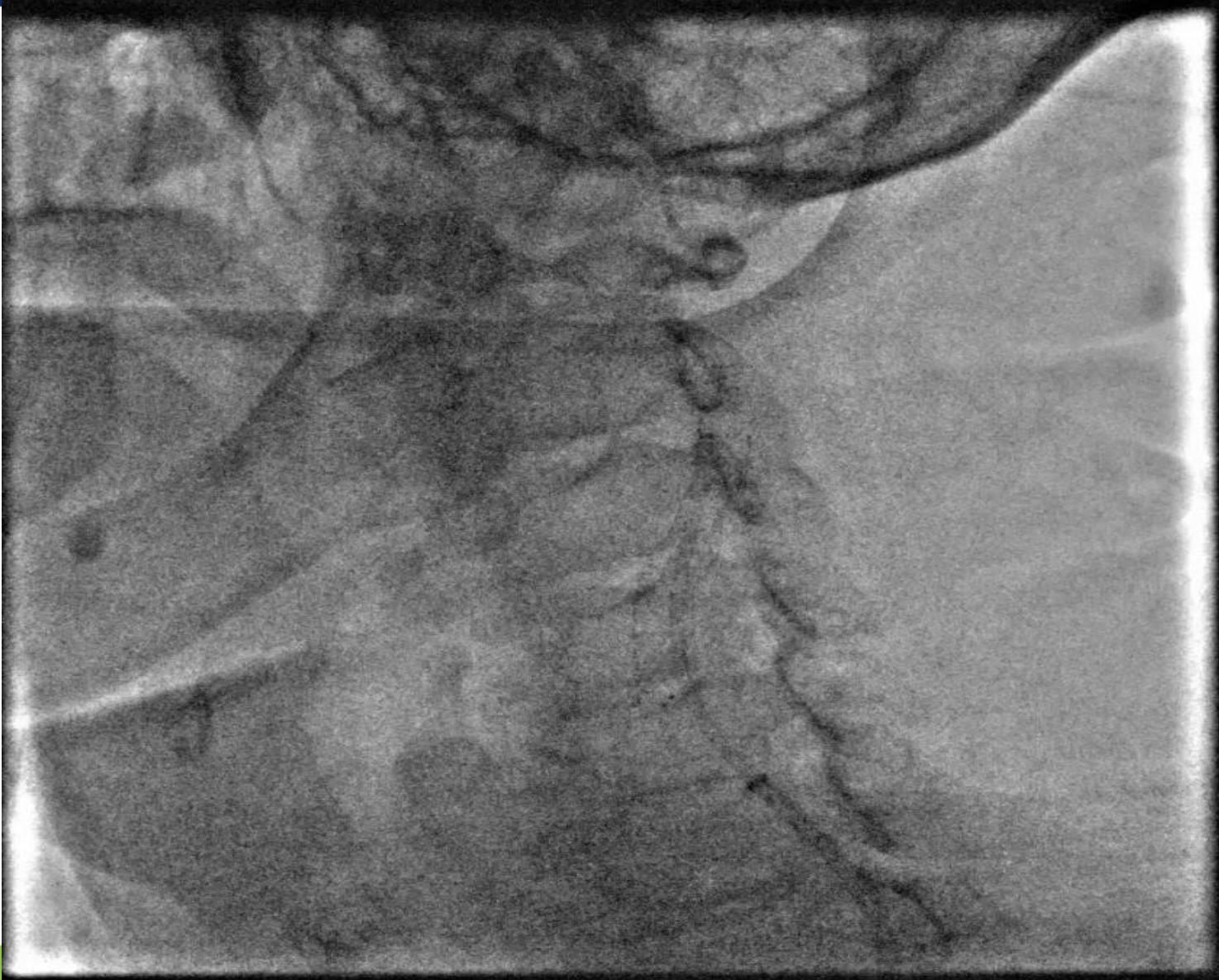


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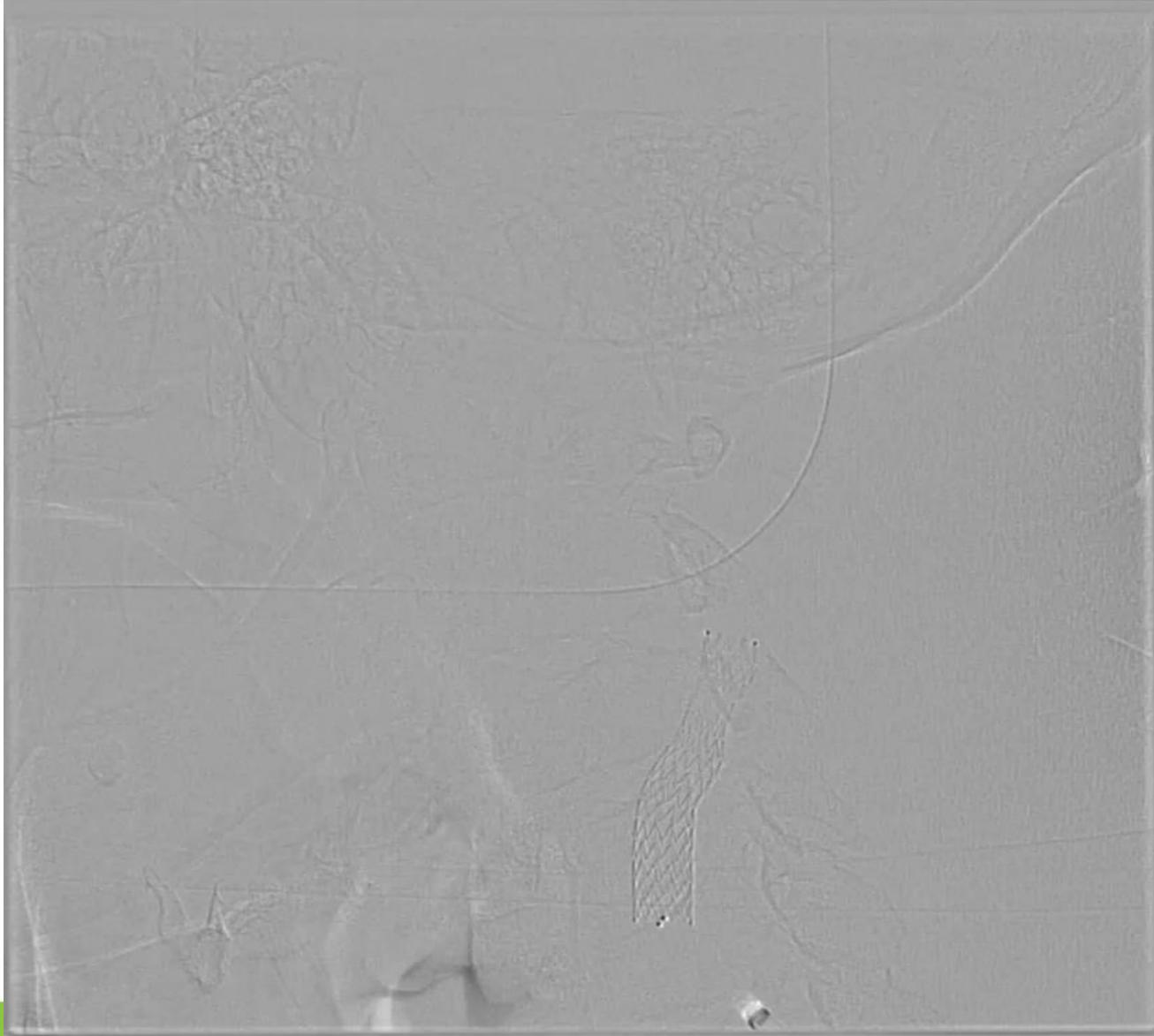


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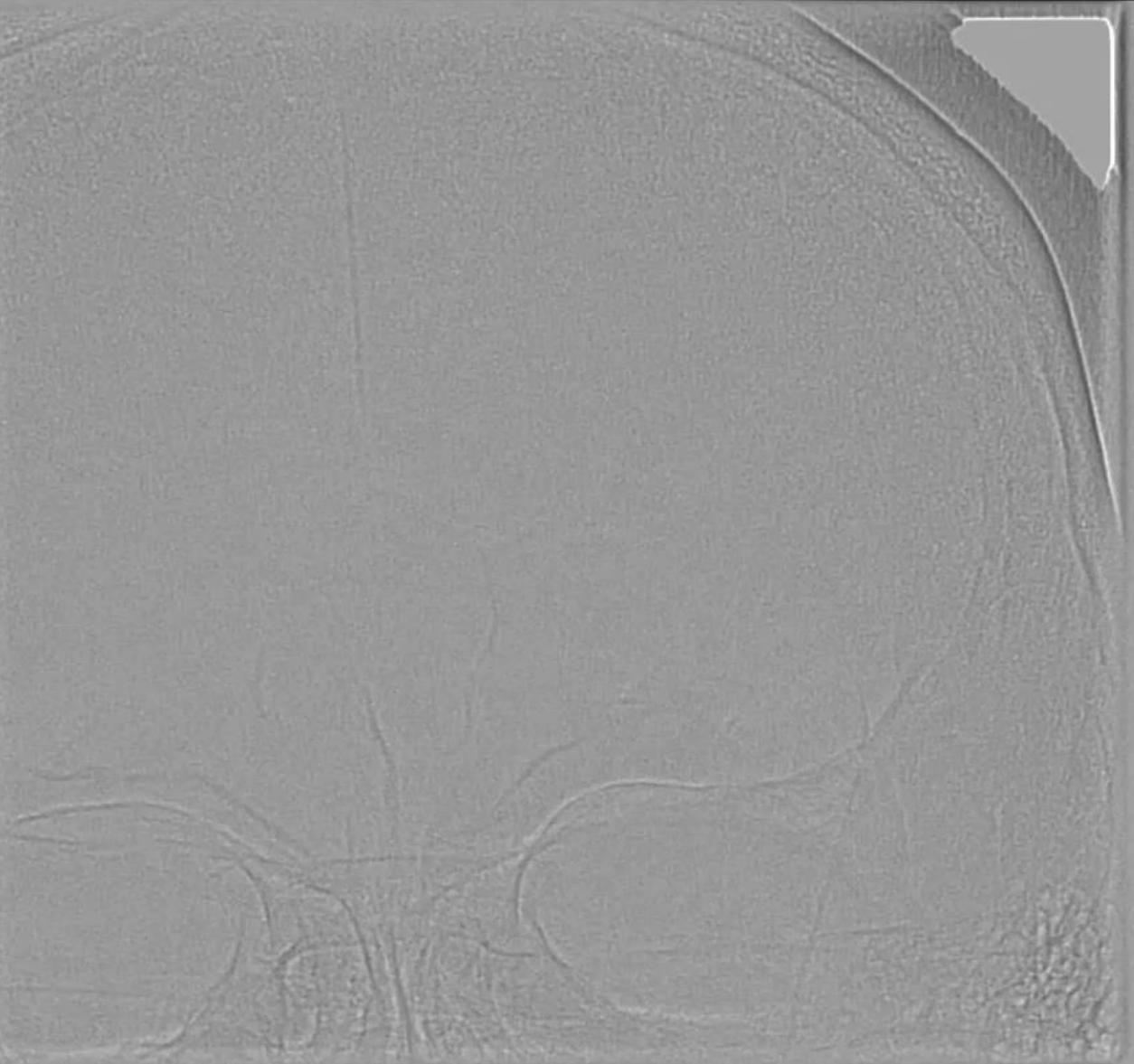


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Clinical Case V



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- 65 male, Hypertension, Former smoker, Dyslipidemia.
- 2/2018 - Left transient ischemic attack symptomatic by braquio-crural hemiparesia.
- Echo: 95% right stenosis of internal carotid artery.
- Normal renal function.

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Transient Ischemic Attack



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Transient Ischemic Attack



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Transient Ischemic Attack



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Transient Ischemic Attack



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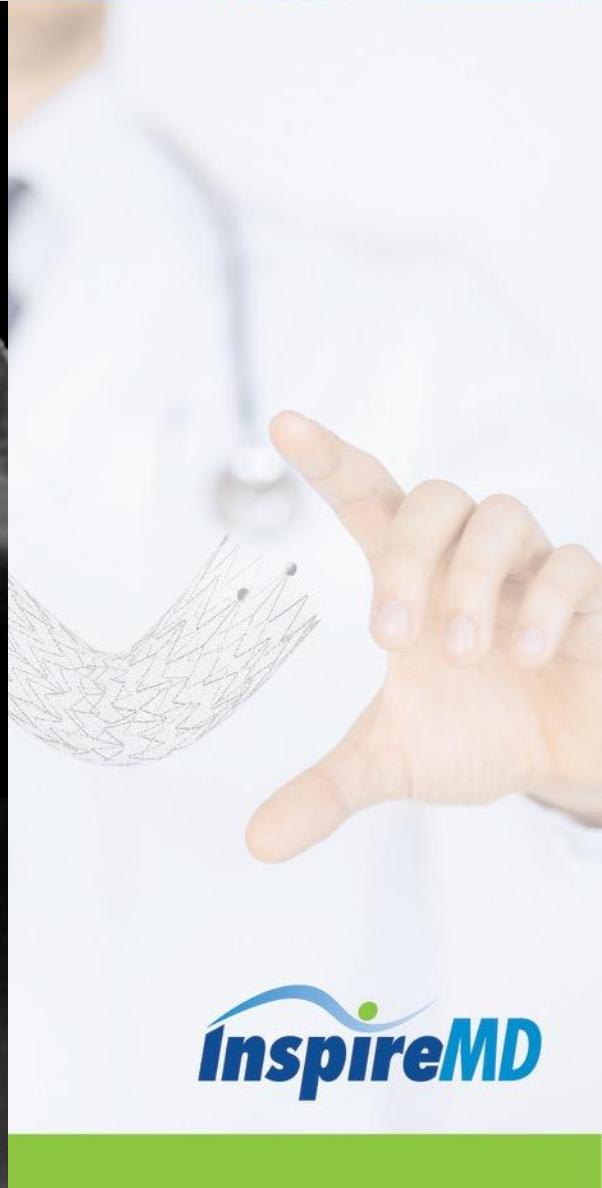
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Transient Ischemic Attack



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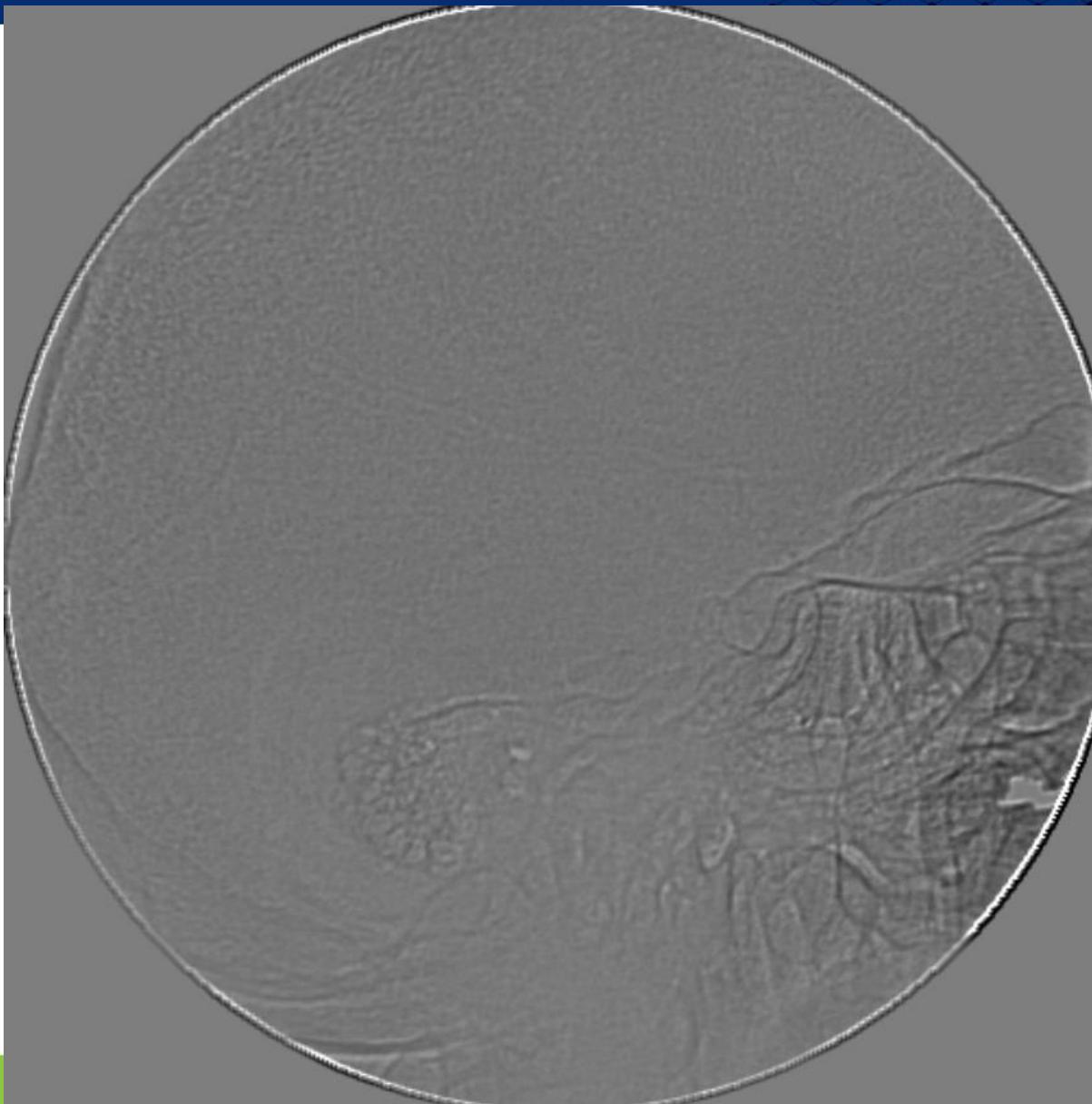
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Transient Ischemic Attack



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Peripheral Intervention



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- 75 male, Hypertension, Former smoker, Dyslipidemia.
- Atrial fibrillation.
- Abdominal Pain.

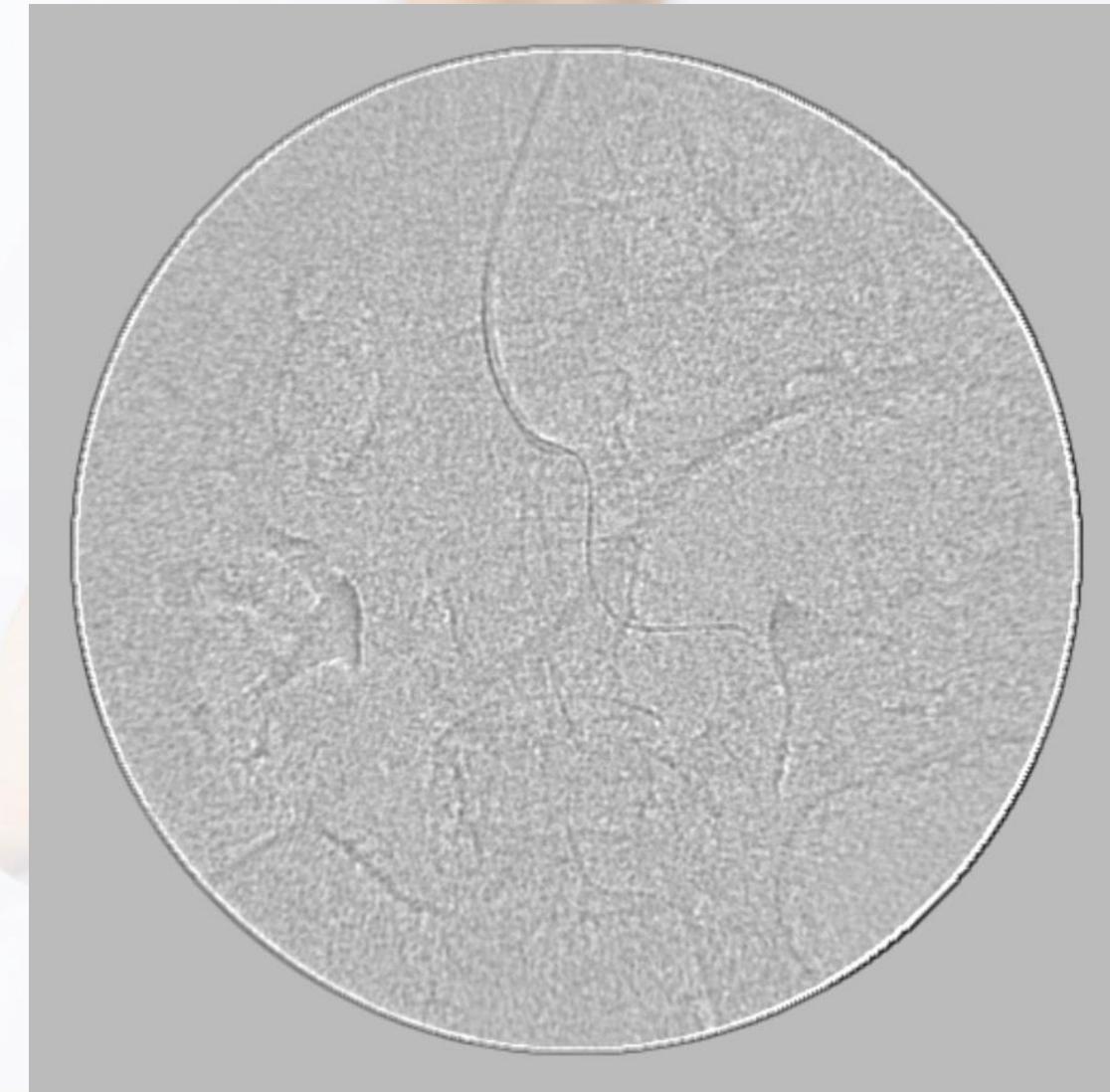
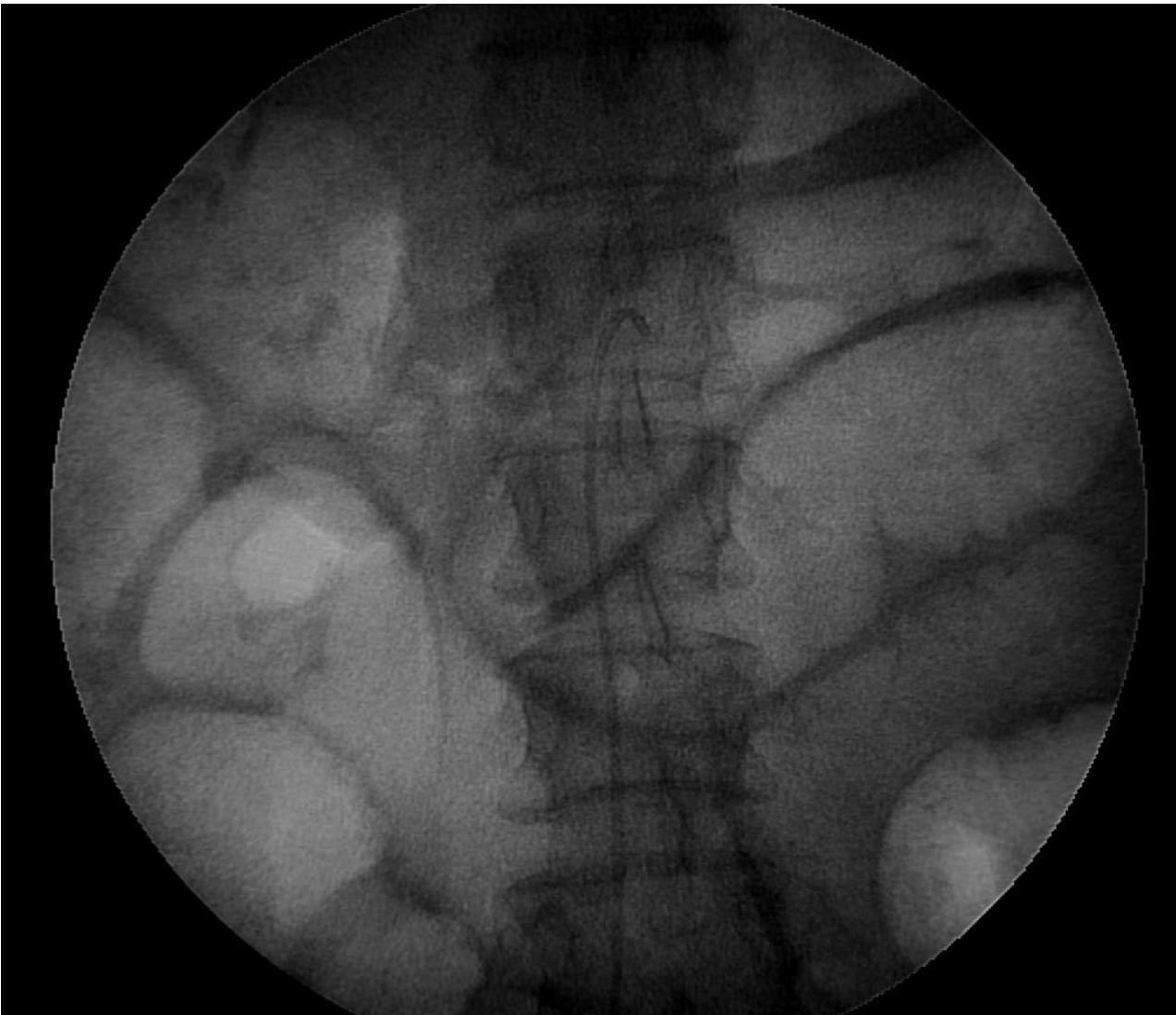
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Superior Mesenteric Occlusion



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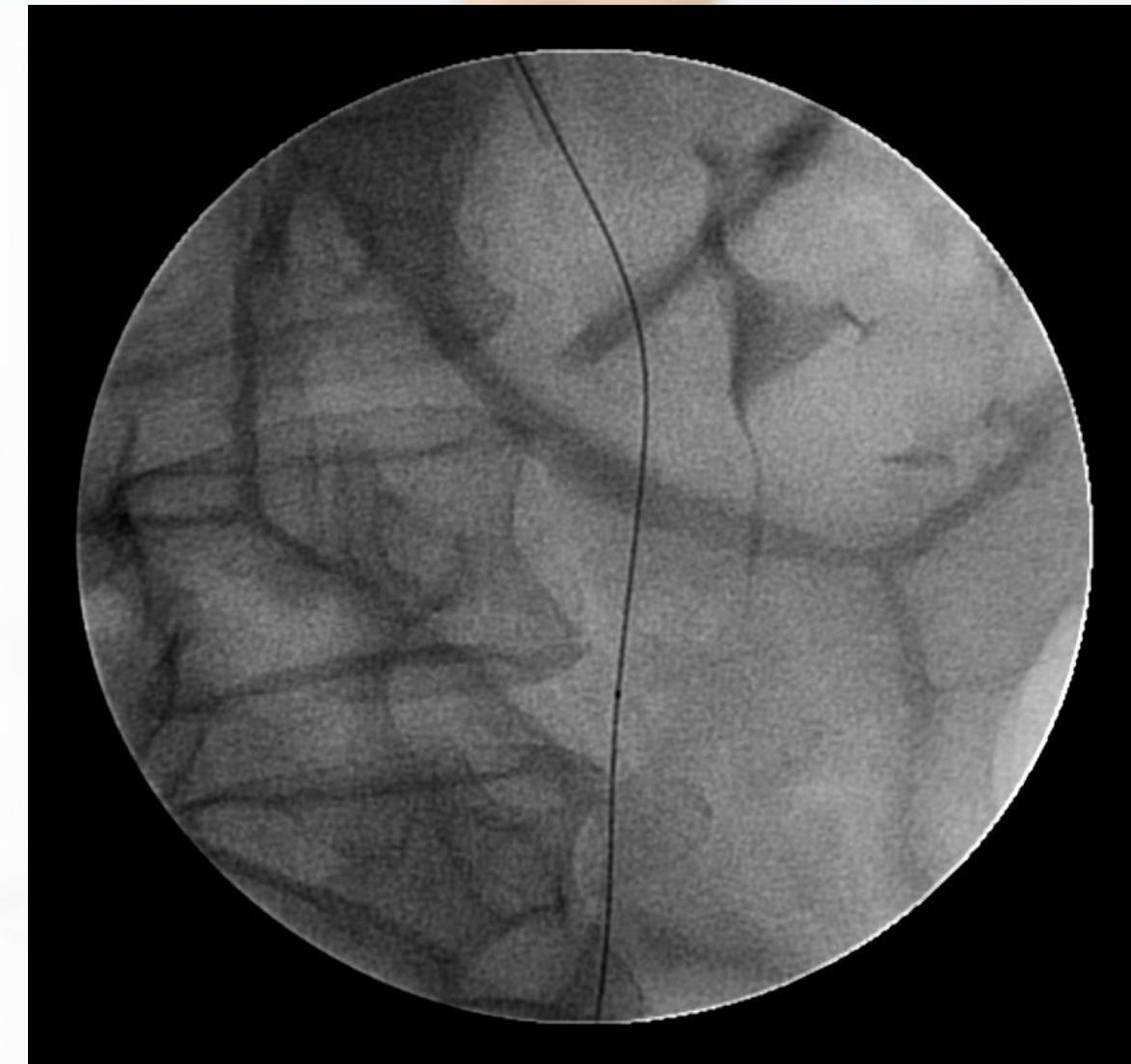
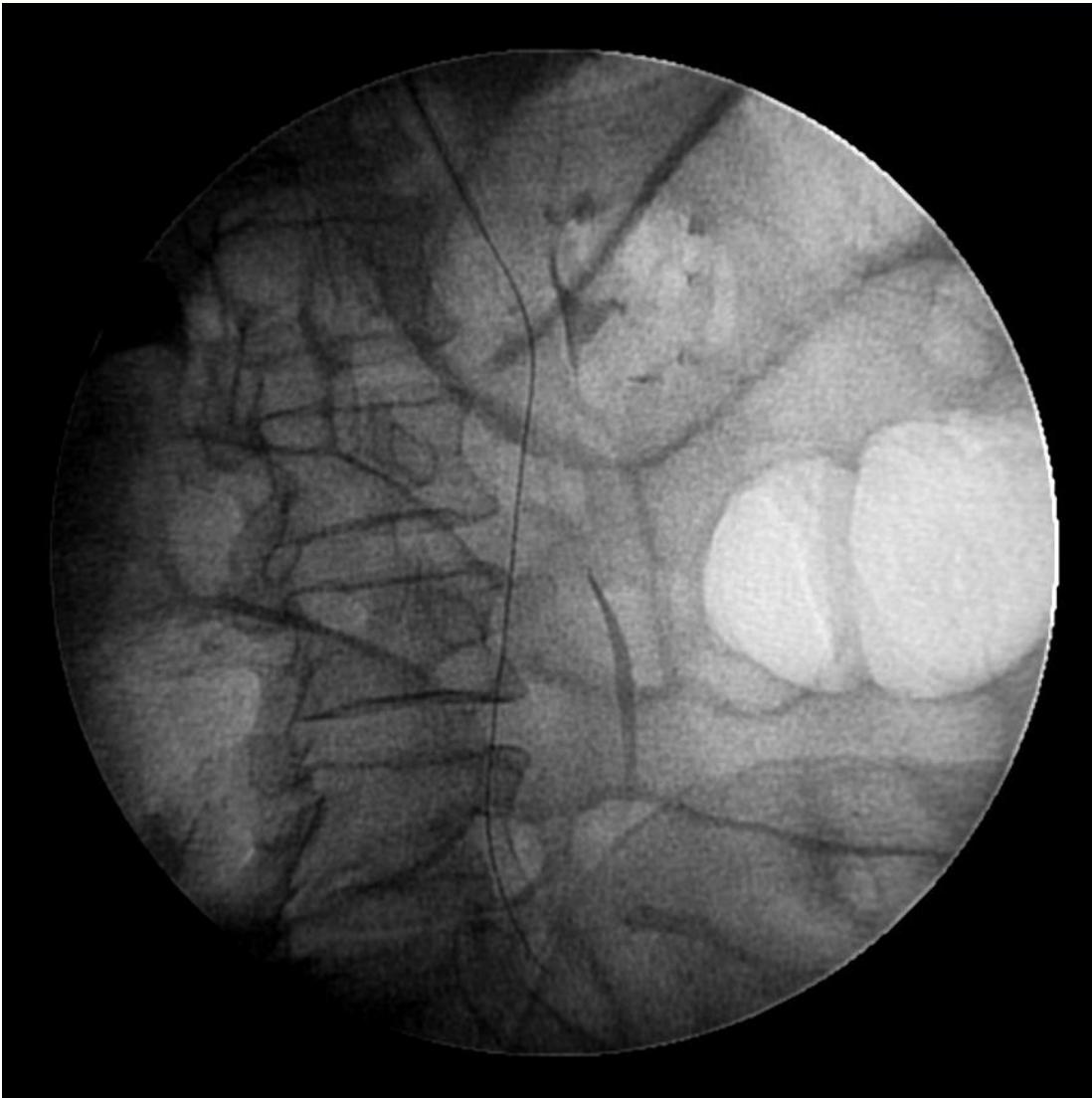
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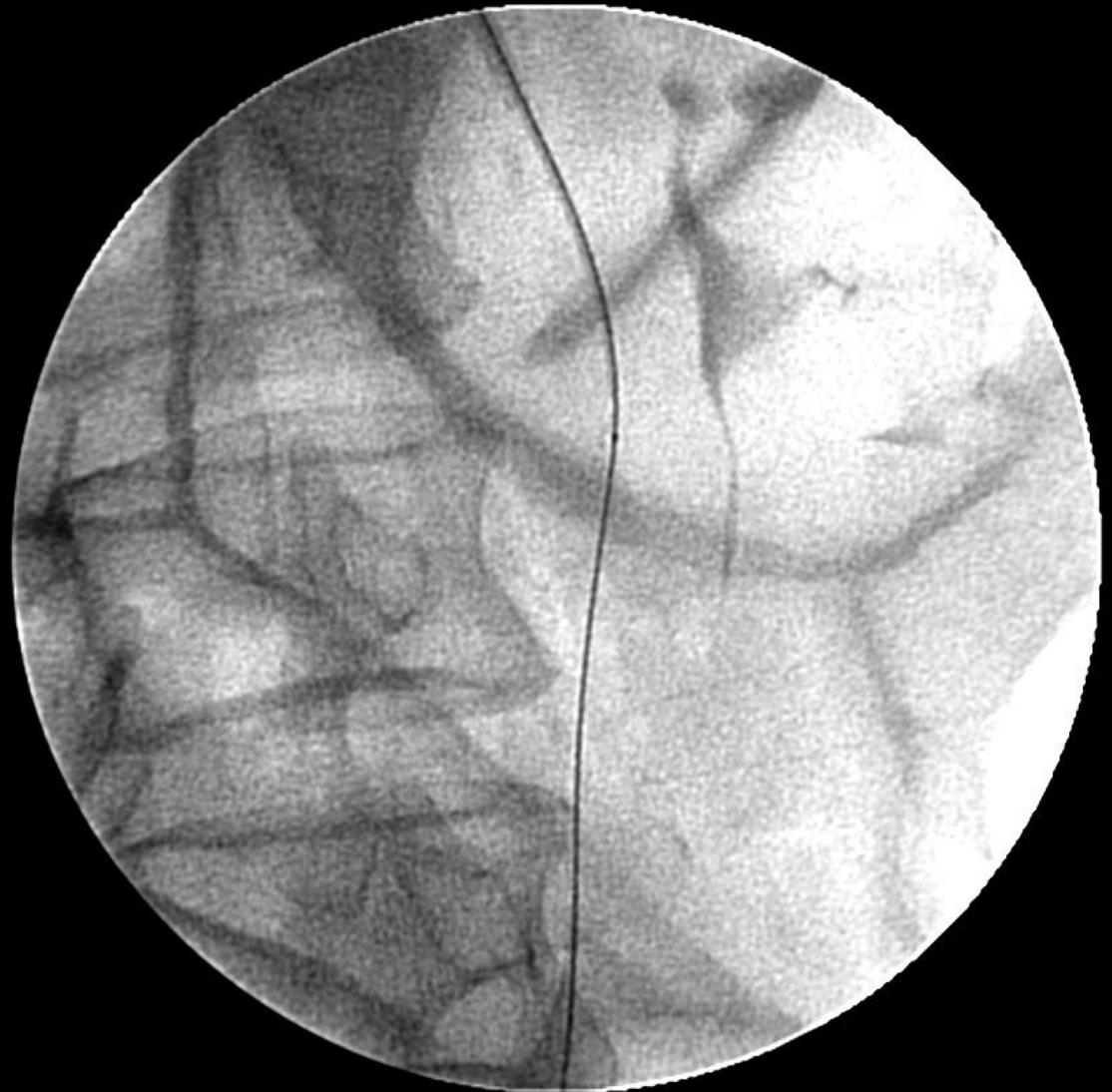


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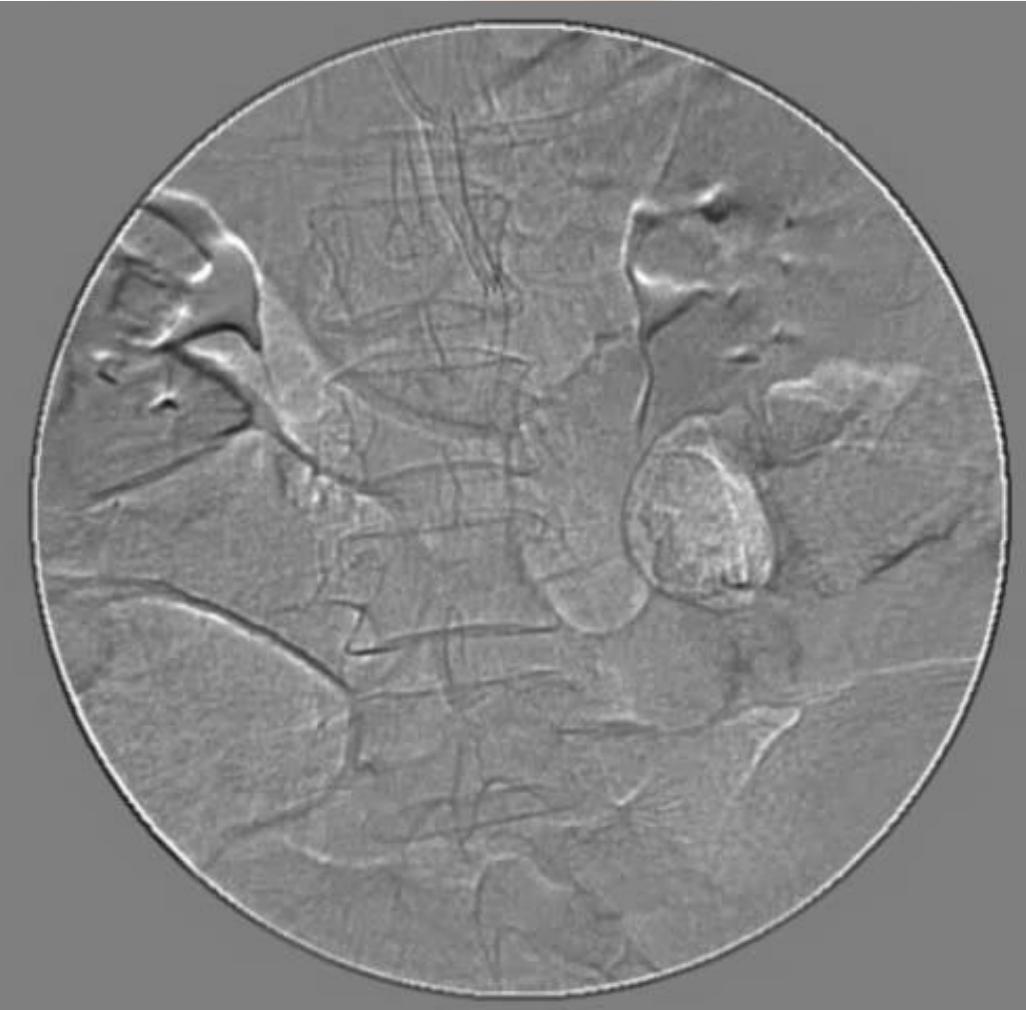


Superior Mesenteric Occlusion



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Thank You for your Attention



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