

FAILING AND THROMBOSED IN VASCULAR ACCESS

A . SAROOKHANI (VASCULAR SURGEON IN IUMS)



The intimal hyperplasia(IH) occurs at the outflow anastomosis and anywhere along the vein.

MEASURING ACCESS FUNCTION

Pump speeds of 350cc/min or more.

Increasing venous pressures in more prolonged dialysis.

MECHANISMS OF ACCESS FAILURE

Flow limitation

Venous outflow stenosis

Arterial inflow stenosis

Cannulation location

Recirculation

A decorative graphic on the left side of the slide, consisting of a network of white lines and small circles on a blue gradient background, resembling a circuit board or a neural network.

CAUSES OF ACCESS FAILURE



DETECTION OF ACCESS FAILURE

Clinical evaluation

Failure to mature



ASSESSMENT DURING DIALYSIS

Venous pressure measurement

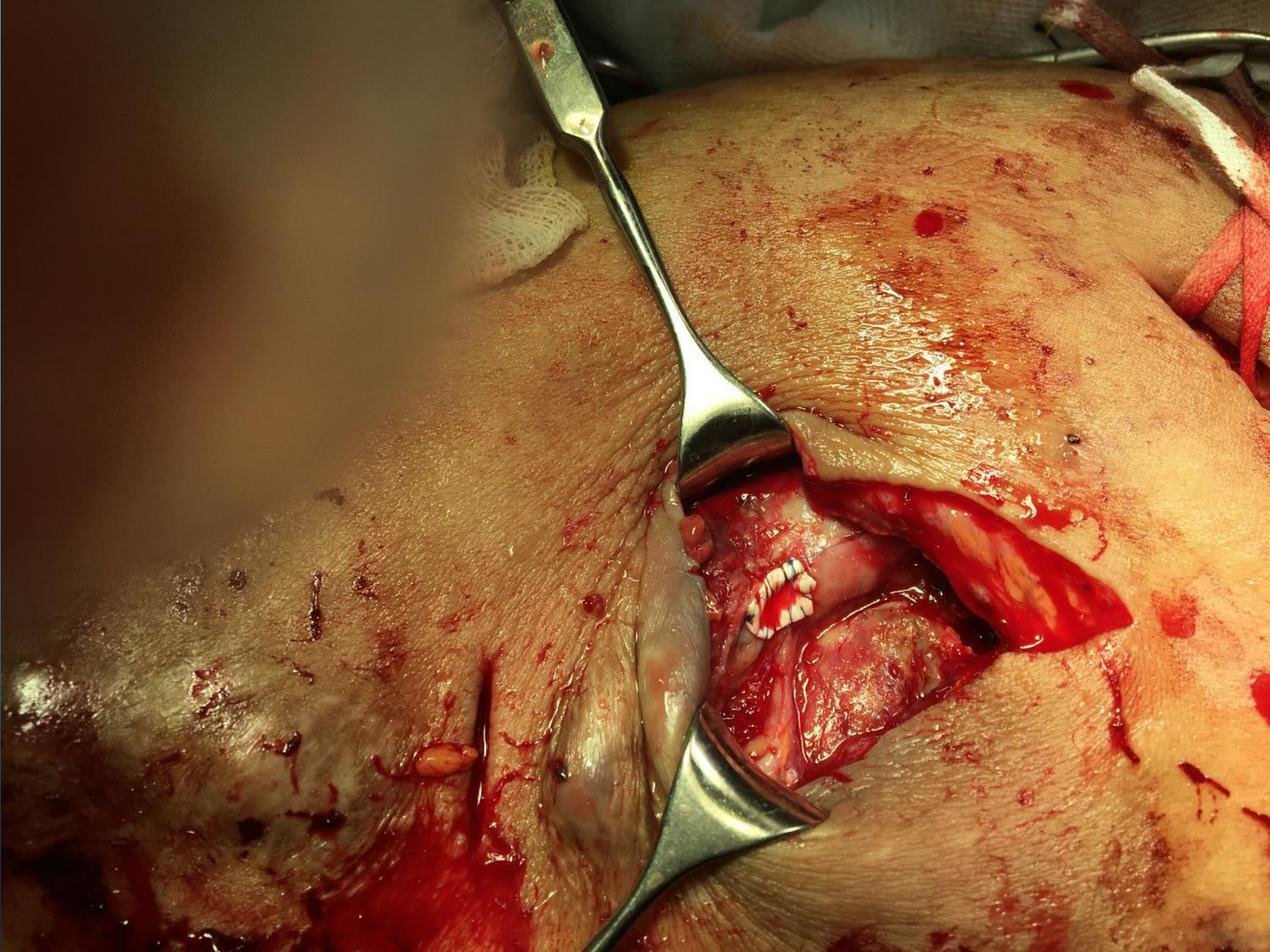
Flow measurement

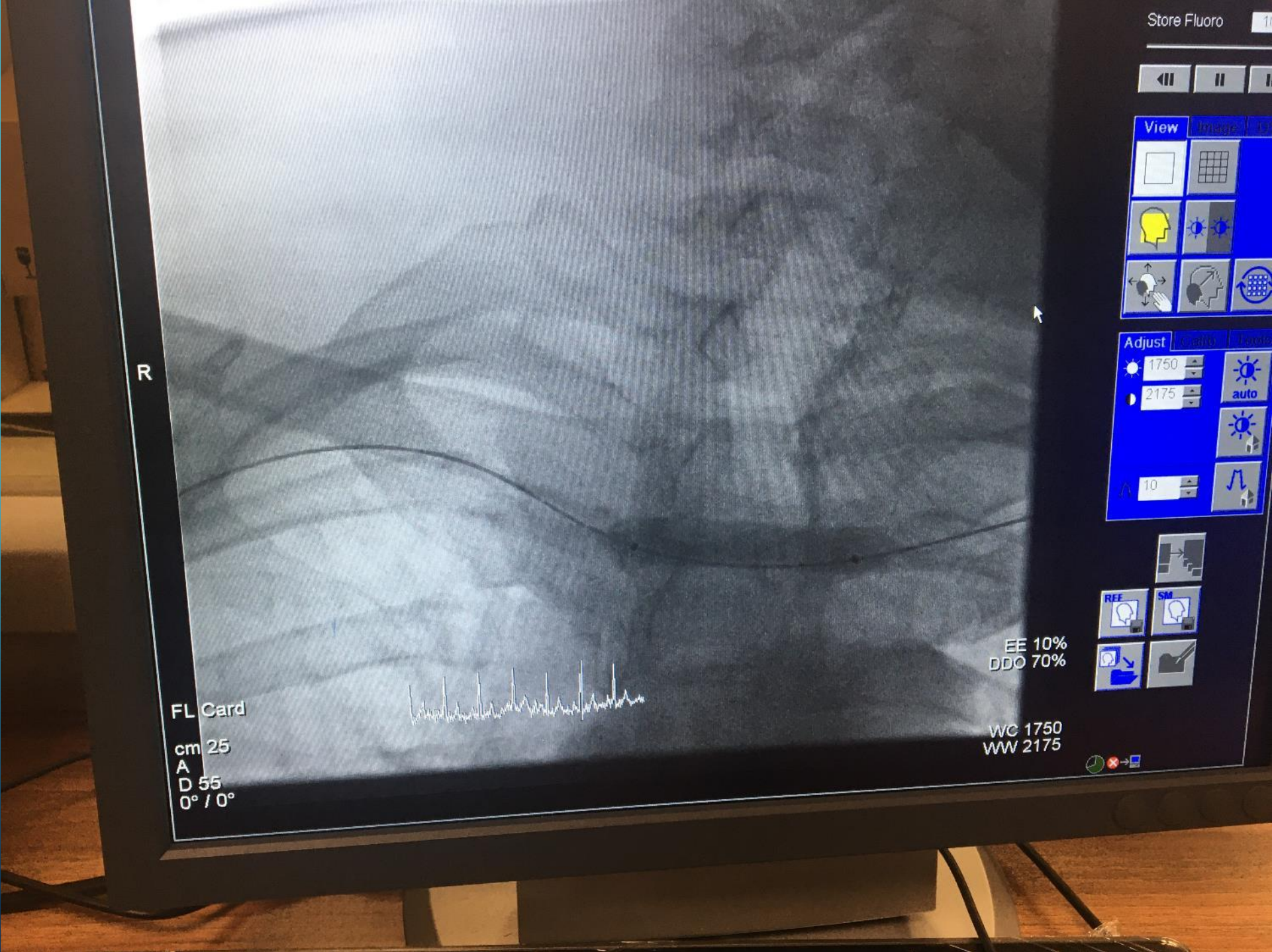
A decorative graphic on the left side of the slide consisting of white lines and circles on a blue gradient background, resembling a circuit board or a stylized tree structure.

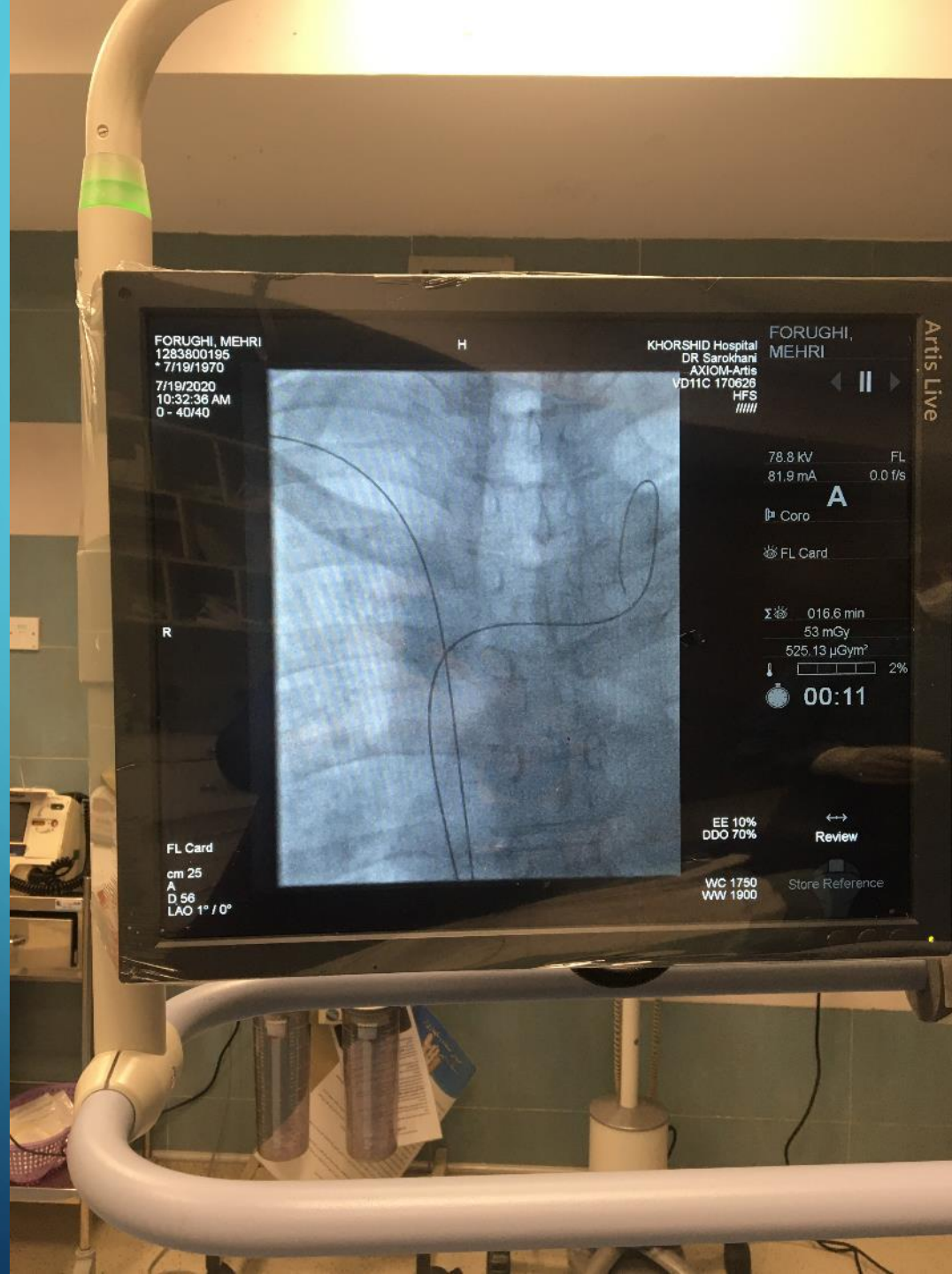
INTERVENTIONS FOR FAILING ACCESS

Open surgical techniques

Percutaneous techniques







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H

KHORSHID Hospital
DR. Sarokhani
AXIOM-
VD11C 170028
HFS
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FORUGHI,
MEHRI

Artis Live

78.8 kV FL
81.9 mA 0.0 f/s

A

Coro

FL Card

016.6 min

53 mGy

525.13 μ Gym²

2%

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R

FL Card

cm 25
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D 58
LAO 1° / 0°

EE 10%
DDO 70%

Review

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Store Reference



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5/30/2021
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FATHIYAN,
FATEME SOGHRA

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Store Fluoro STOP

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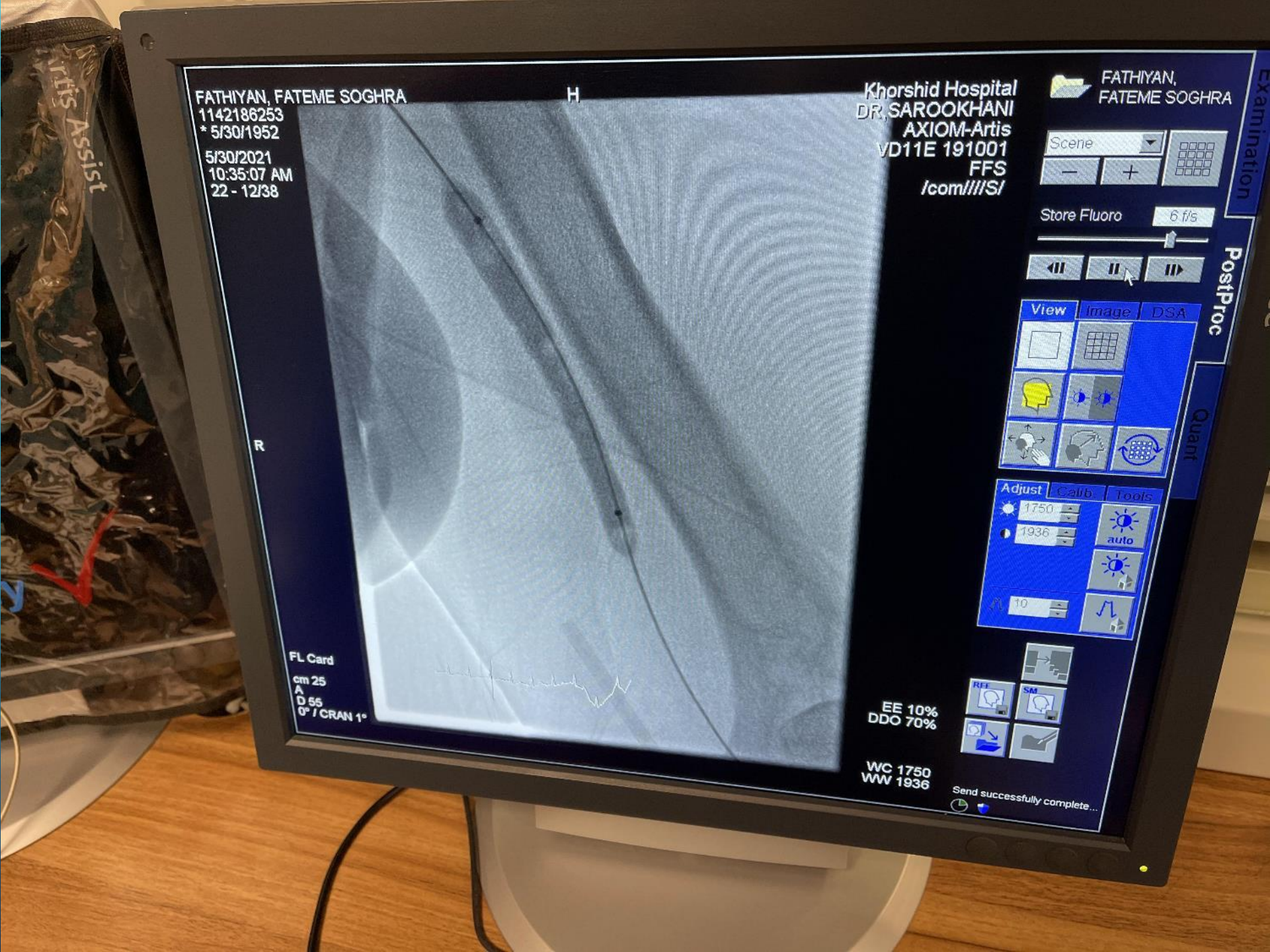
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EE 10%
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FL Card
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FATHIYAN, FATEME SOGHRA
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5/30/2021
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FATHIYAN,
FATEME SOGHRA

Scene
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Store Fluoro 6 f/s

PostProc
Quant

View Image DSA
Adjust Calib Tools

FL Card
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EE 10%
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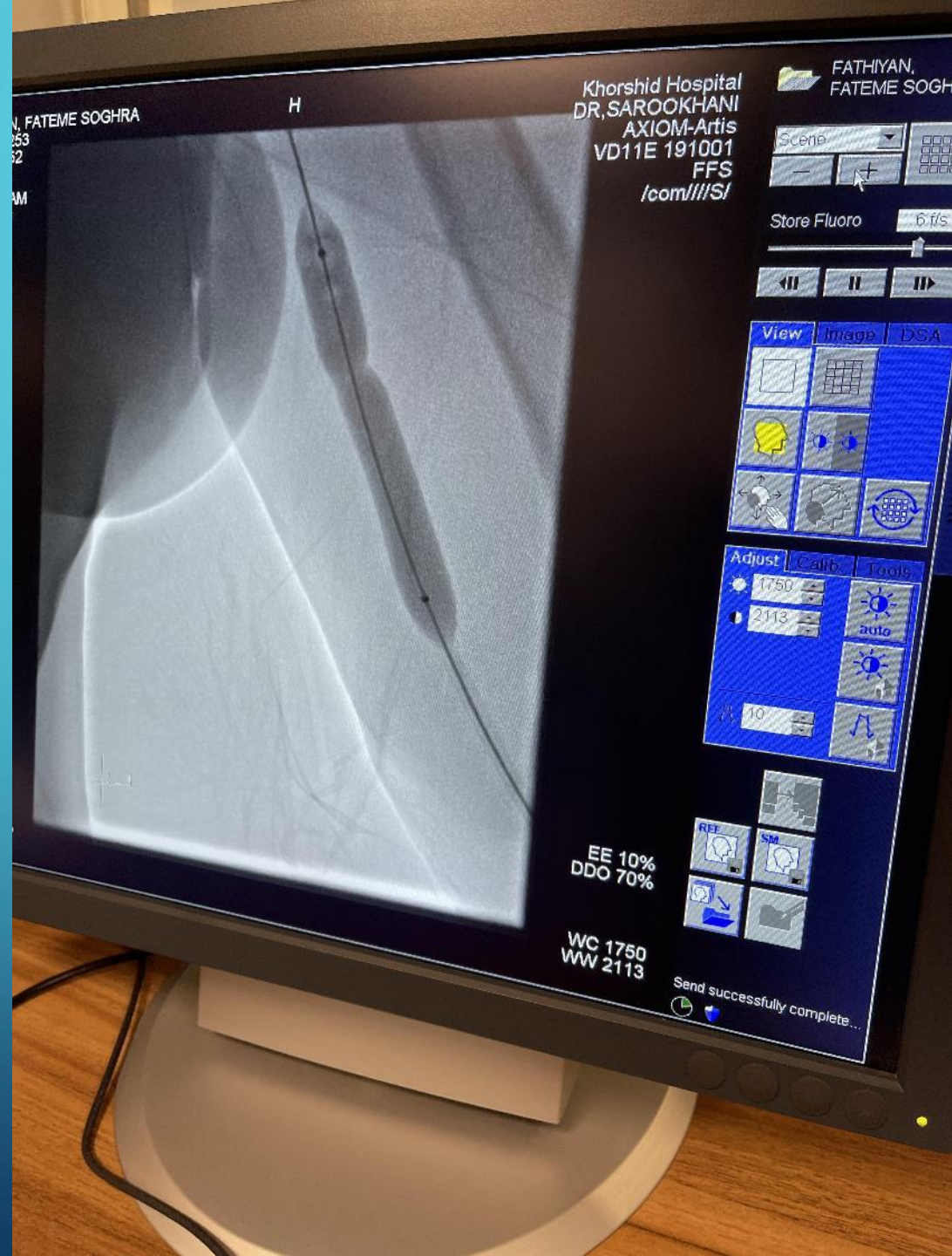
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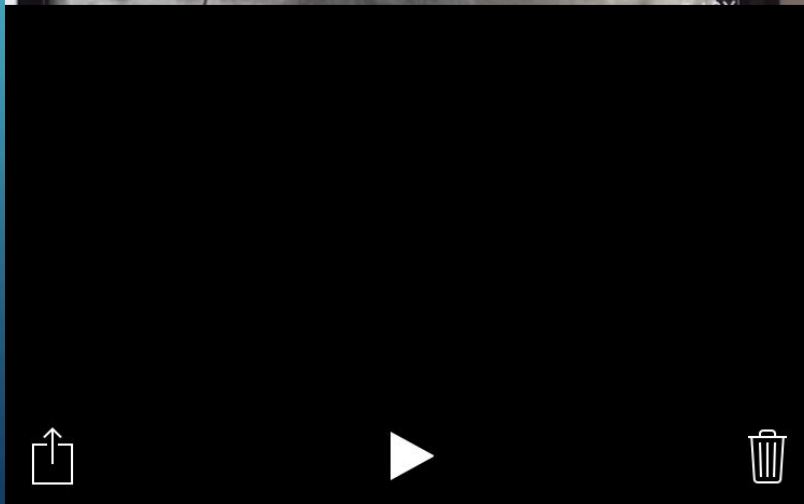
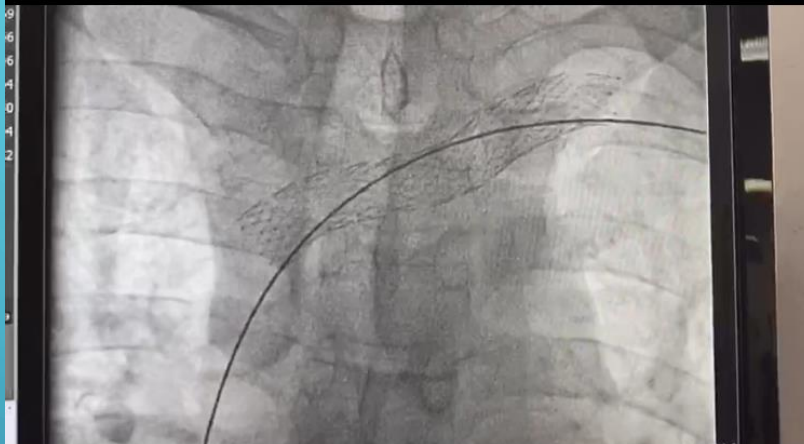


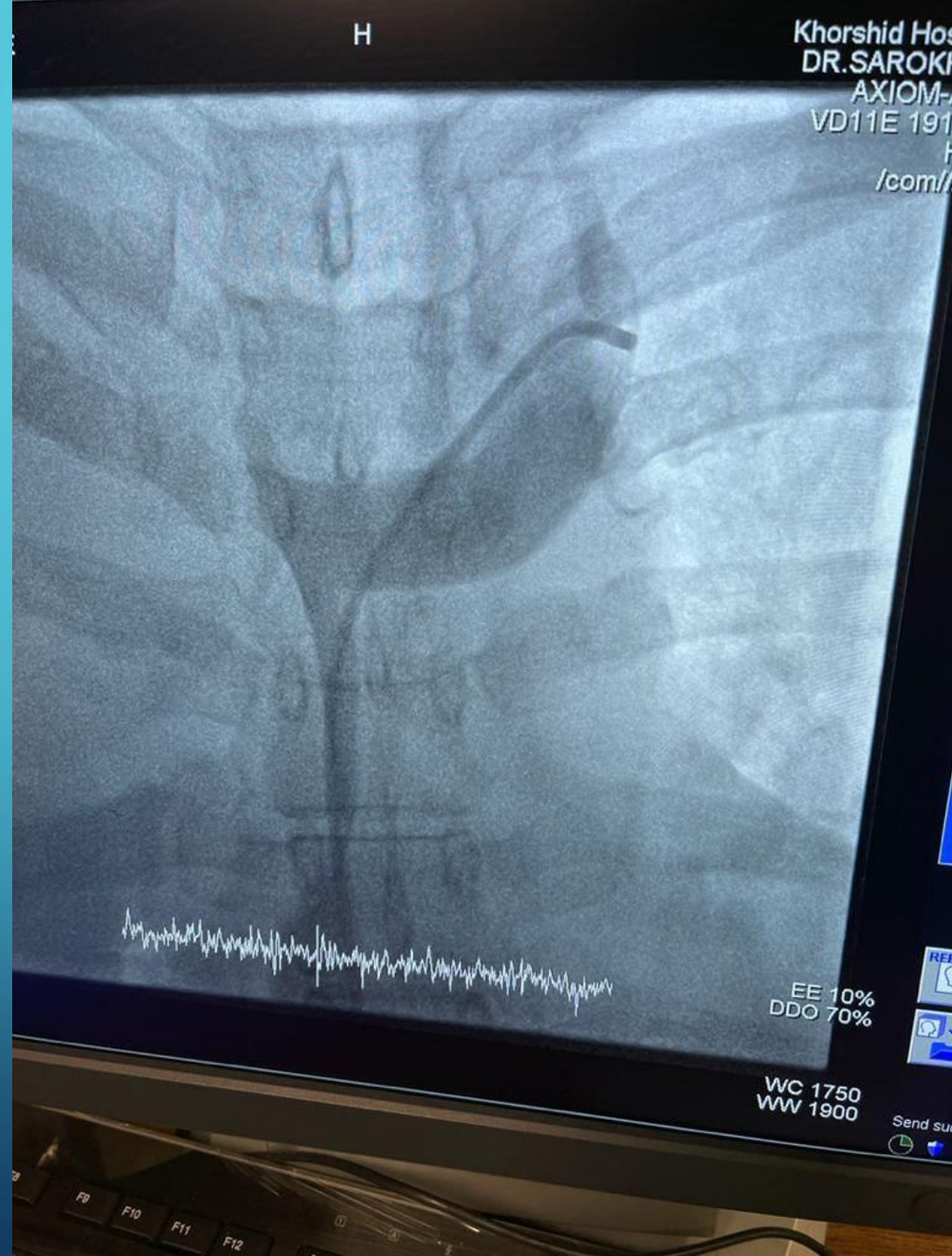
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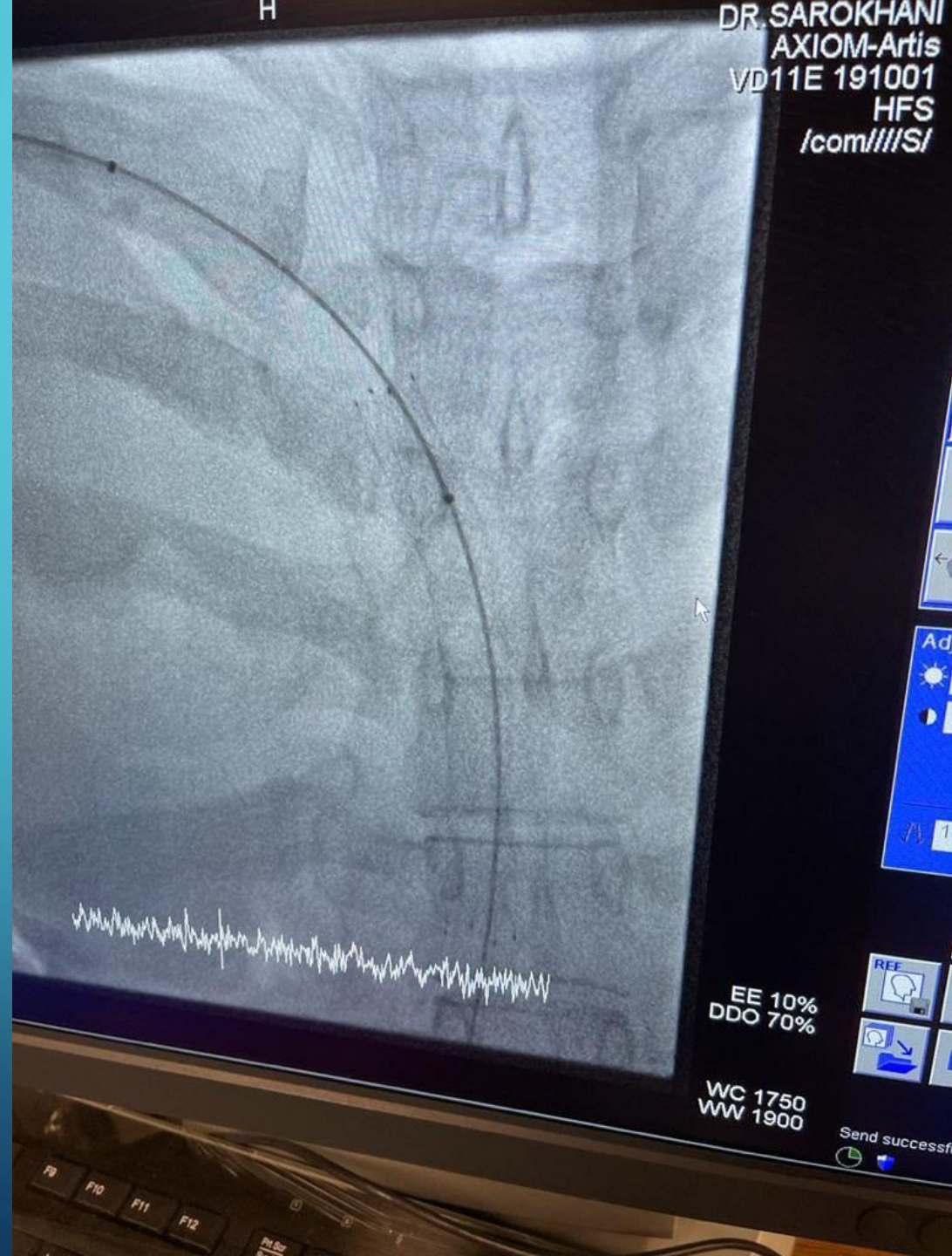
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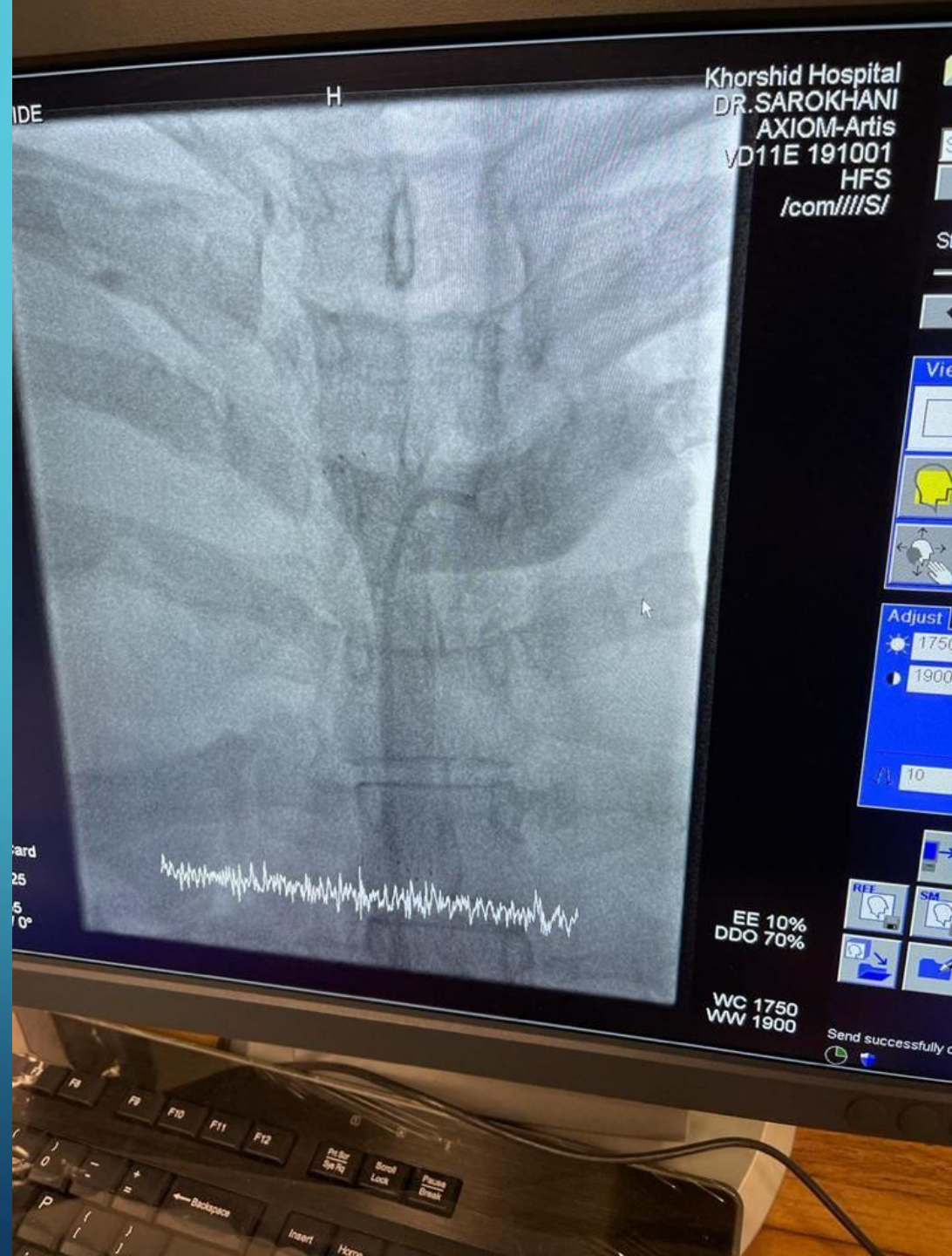




DR. SAROKHANI
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Ad
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EE 10%
DDO 70%
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INTERVENTIONS FOR THROMBOSED ACCESS

Autogenous arteriovenous access

Prosthetic arteriovenous access

Open surgical technique

Percutaneous technique

Hybrid technique

