BIOMODEX® EVIAS™

Endovascular Intracranial Aneurysm System

MEDICAL IMAGE UPLOAD RECOMMENDATIONS

PATIENT SPECIFIC CARTRIDGE

Image resolution requirements are for slice thickness and pixel spacing

CT Angiography:

max 0.46mm*

3D Angiography:

max 0.46mm*

* 0.46mm slice thickness induces up to 1mm diameter error. The smaller the pixel spacing the more accurate the 3D model is.

We cannot guarantee the accuracy of a patient specific model created from an image set above these requirements.

CUSTOM & TRAINING CARTRIDGE**

No maximum requirements for slice thickness and pixel spacing

CT Angiography

prefered 0.625mm or under*

3D Angiography

prefered 0.625mm or under*
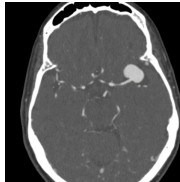
MR Angiography

prefered 0.625mm or under*

* 0.625mm slice thickness induces up to 1.5mm diameter error. The smaller the pixel spacing the more accurate the 3D model is.

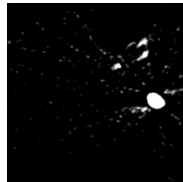**Custom cartridges are not intended for patient specific rehearsal.

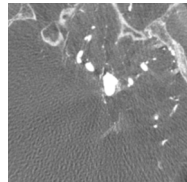### Please make sure to transfer UNZIPPED DICOM folders
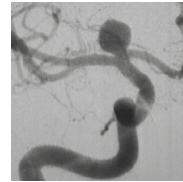

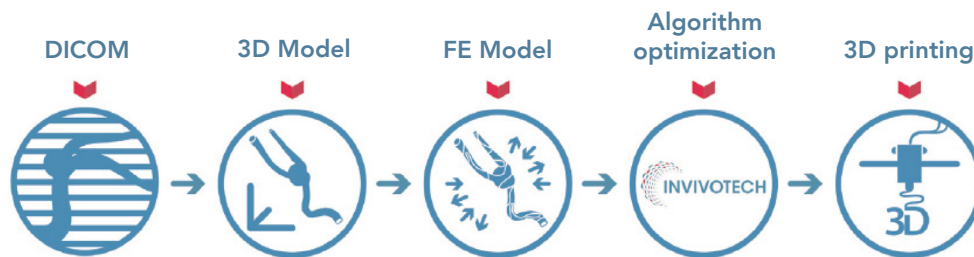✅ Acceptable image example

| CTA | 3D DSRA | 3D DRA |

❌ Unacceptable image example

| 2D Angiography | 3D Recon |

DICOM TO MODEL IN 5 BUSINESS DAYS*

DICOM → **3D Model** → **FE Model** → **Algorithm optimization** → **3D printing**

DIGITAL

*excluding deviation

WARNING: This product is not a medical device and is not intended to diagnose, treat, cure, or prevent any health condition. BIOMODEX® products have been designed for training and their safety and effectiveness as medical devices have not been demonstrated.

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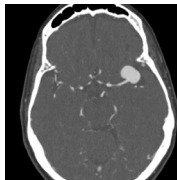
MR Angiography
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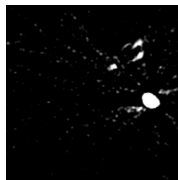**Custom cartridges are not intended for patient specific rehearsal.

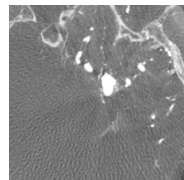**Please make sure to transfer UNZIPPED DICOM folders**
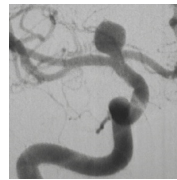

✅ Acceptable image example

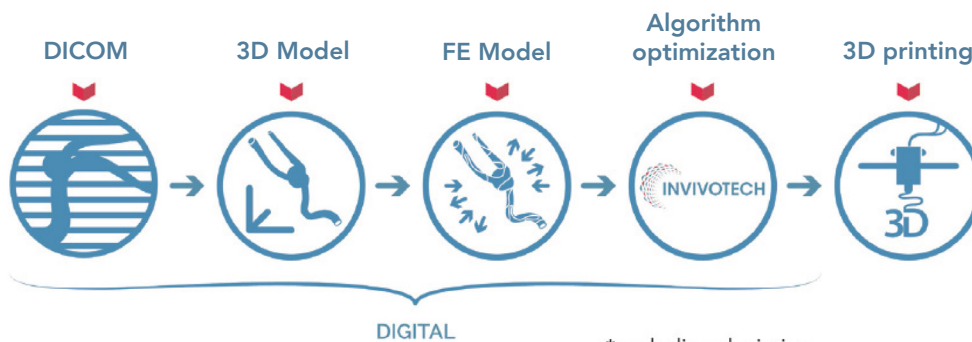| CTA | 3D DSRA | 3D DRA |

❌ Unacceptable image example

| 2D Angiography | 3D Recon |

DICOM TO MODEL IN 5 BUSINESS DAYS*

DICOM → 3D Model → FE Model → Algorithm optimization (INVIVOTECH) → 3D printing

DIGITAL

*excluding deviation

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