

Cloud-based Image Analytics

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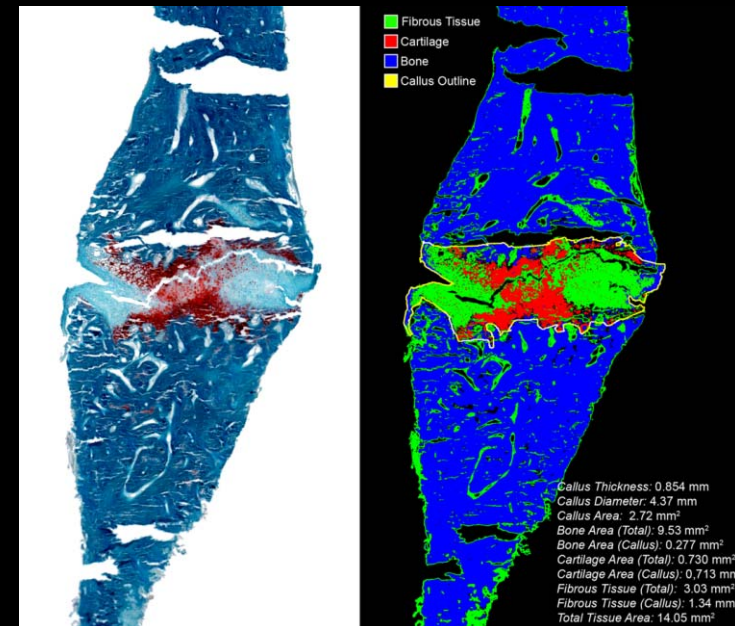
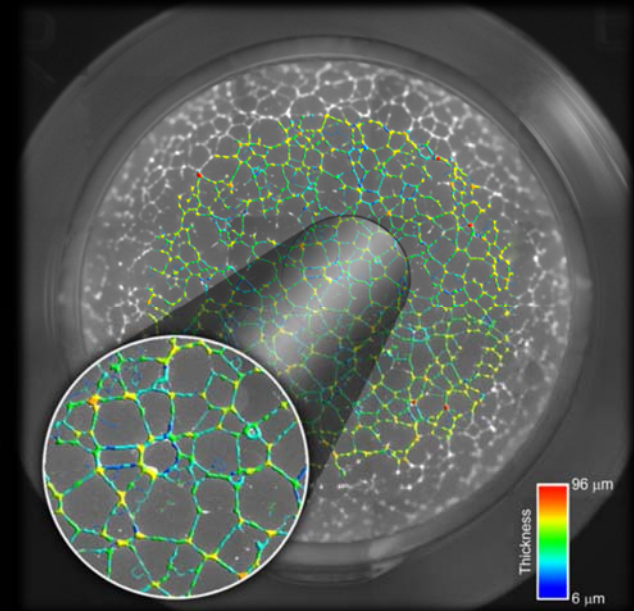
ImageIQ – who we are

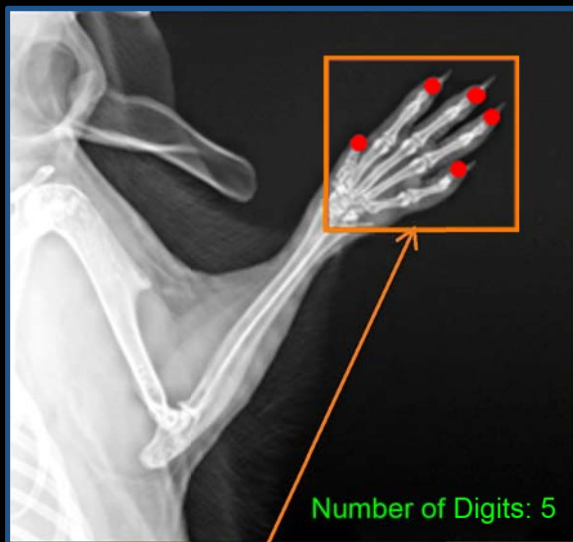
Imaging software research, development and service organization, spun out of Cleveland Clinic Innovations

Preclinical, clinical, imaging, analytics, software and IT experts

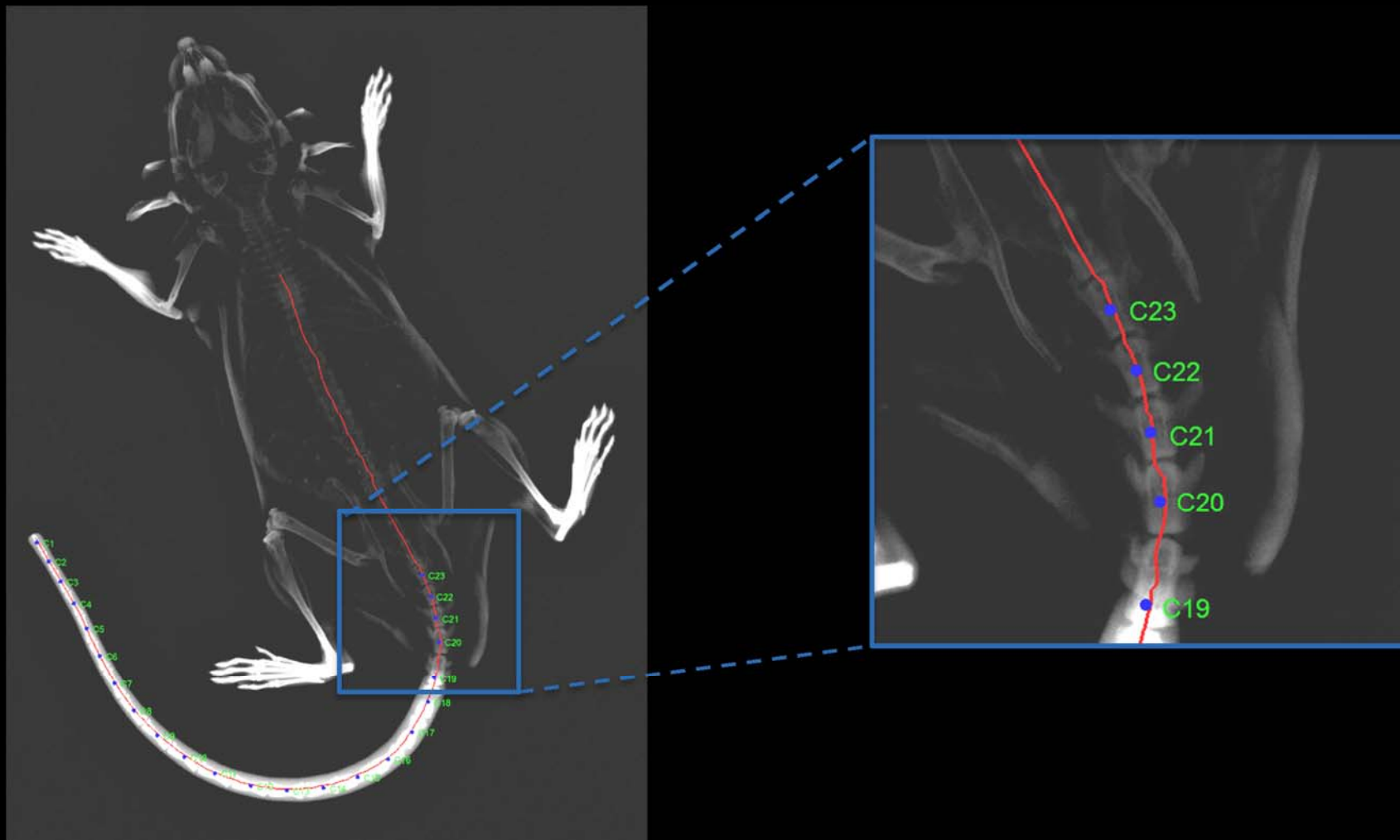
Plan and execute all imaging aspects of preclinical and clinical trials

Develop custom imaging and image analysis tools to improve scientific research, reduce costs, accelerate timelines and strengthen data



[illegible]

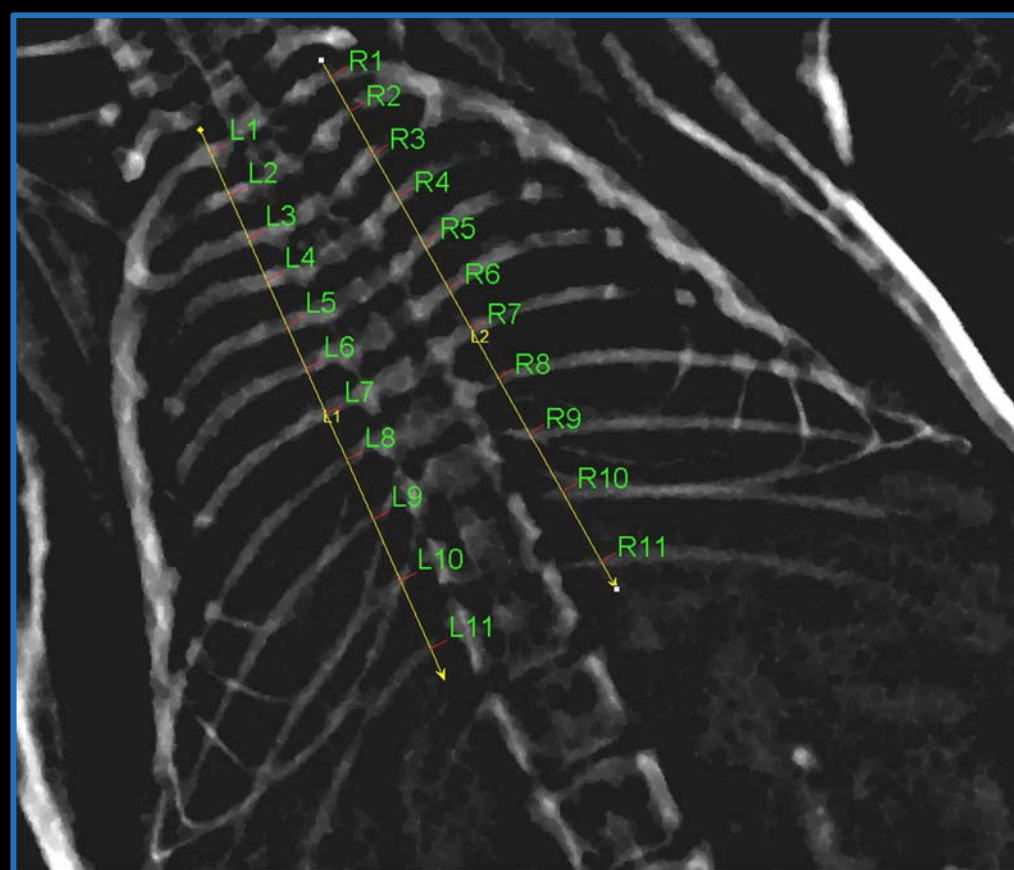
Faxitron Vertebrae Segmentation / Analysis



- Quantitative
- Fully Automated
- Cloud-based

- Objective
- Customizable
- Secure

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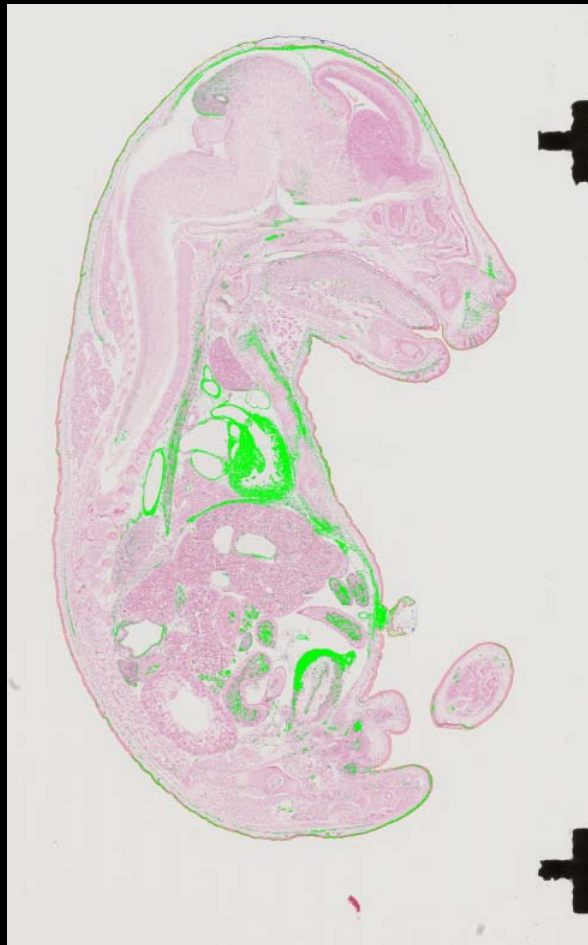
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LacZ Stain Image Analysis

Automated LacZ Detection and Quantification



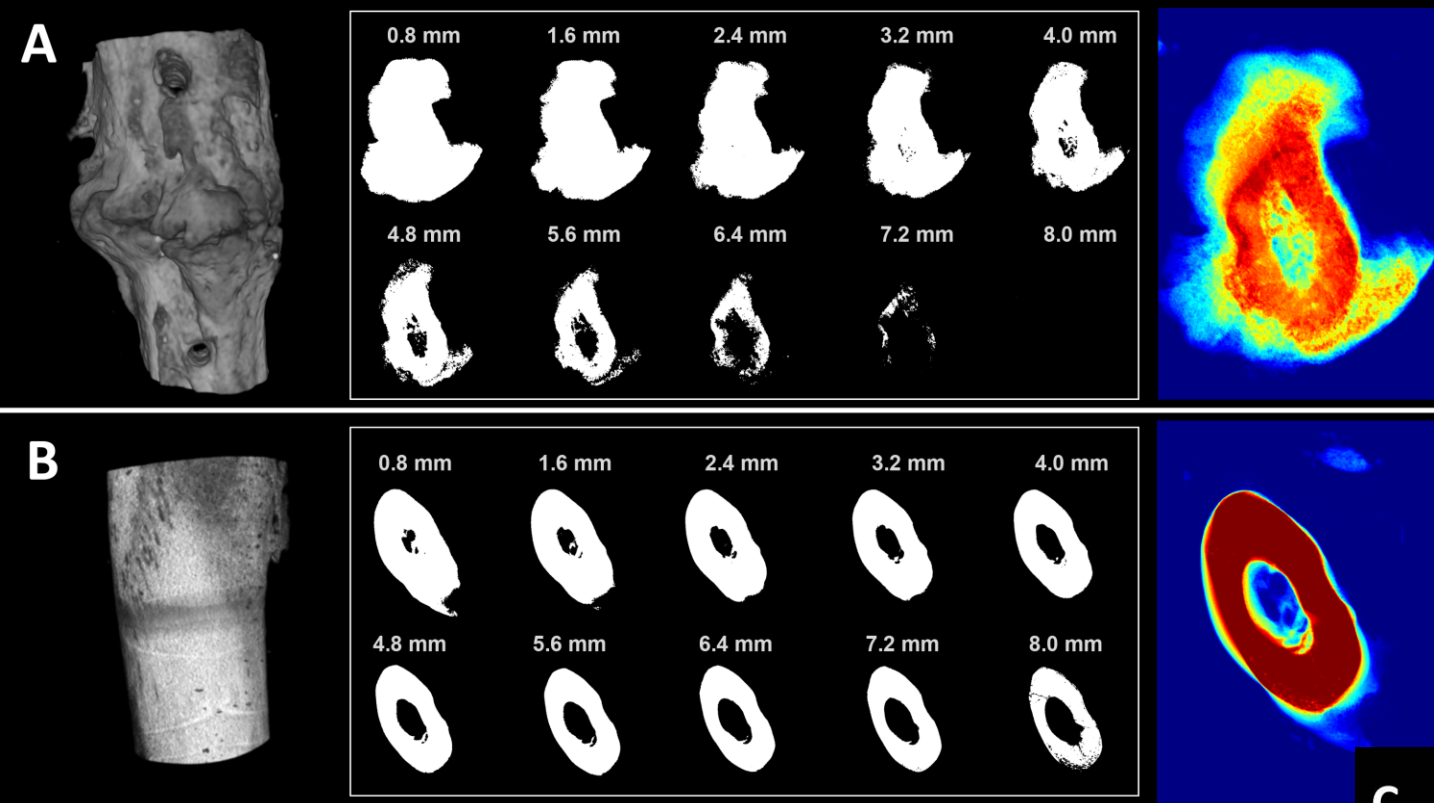
Original Image



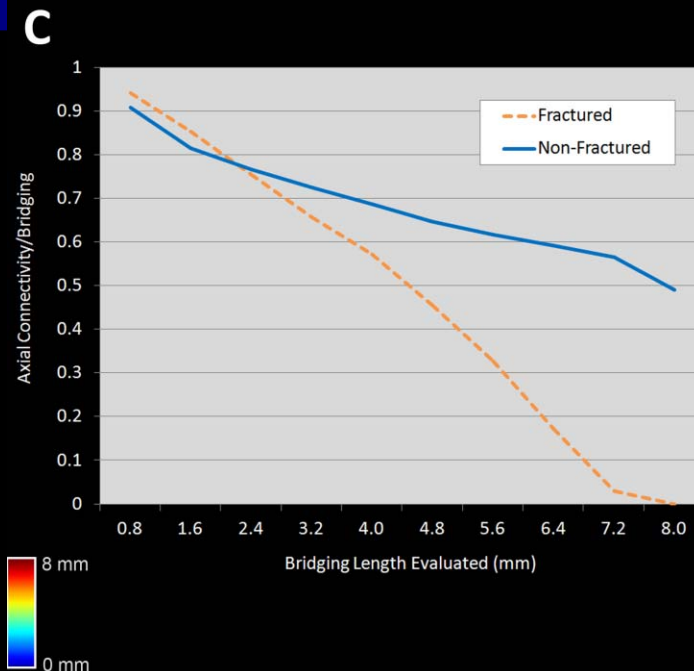
LacZ Overlay



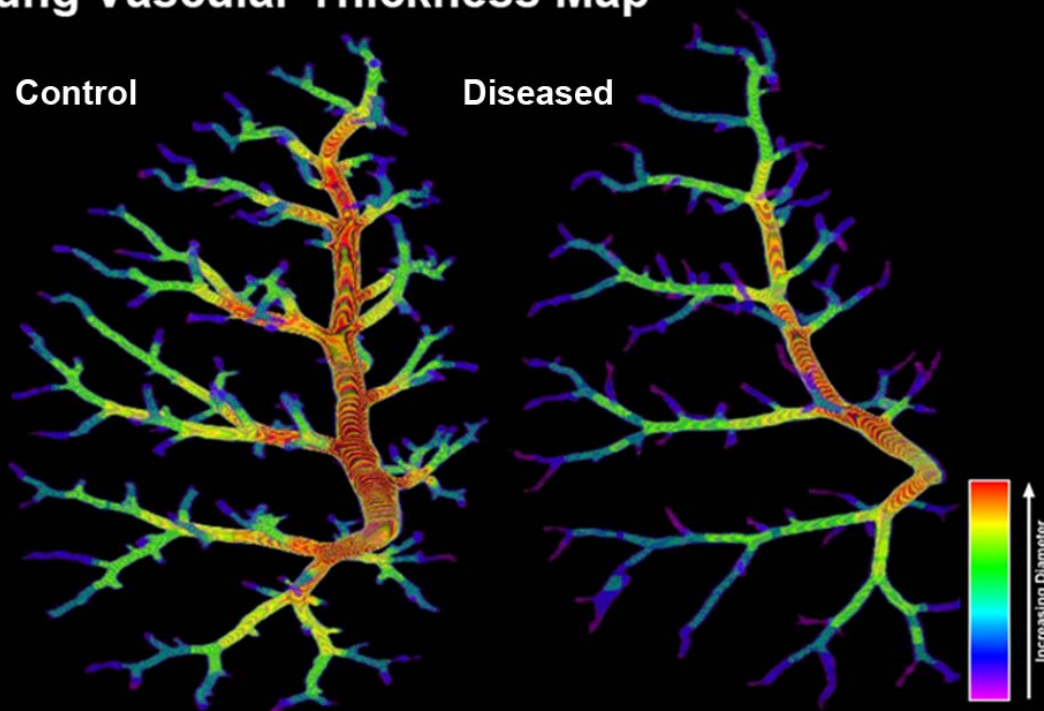
Registration Overlay



3D Fracture Union Analysis



Lung Vascular Thickness Map

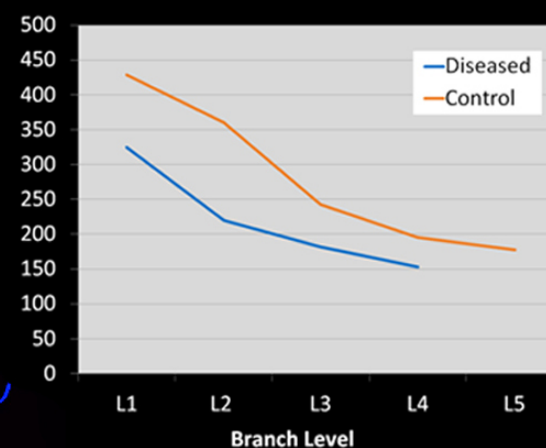
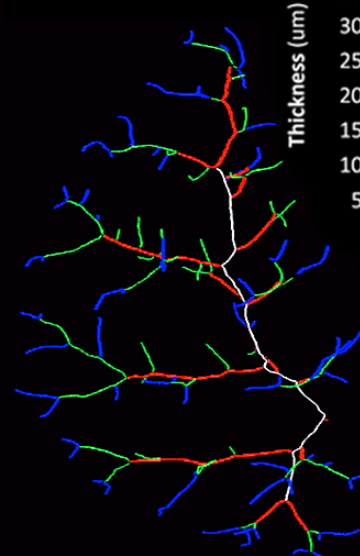


Lung Vascular Connectivity Analysis

Branching Level Classification

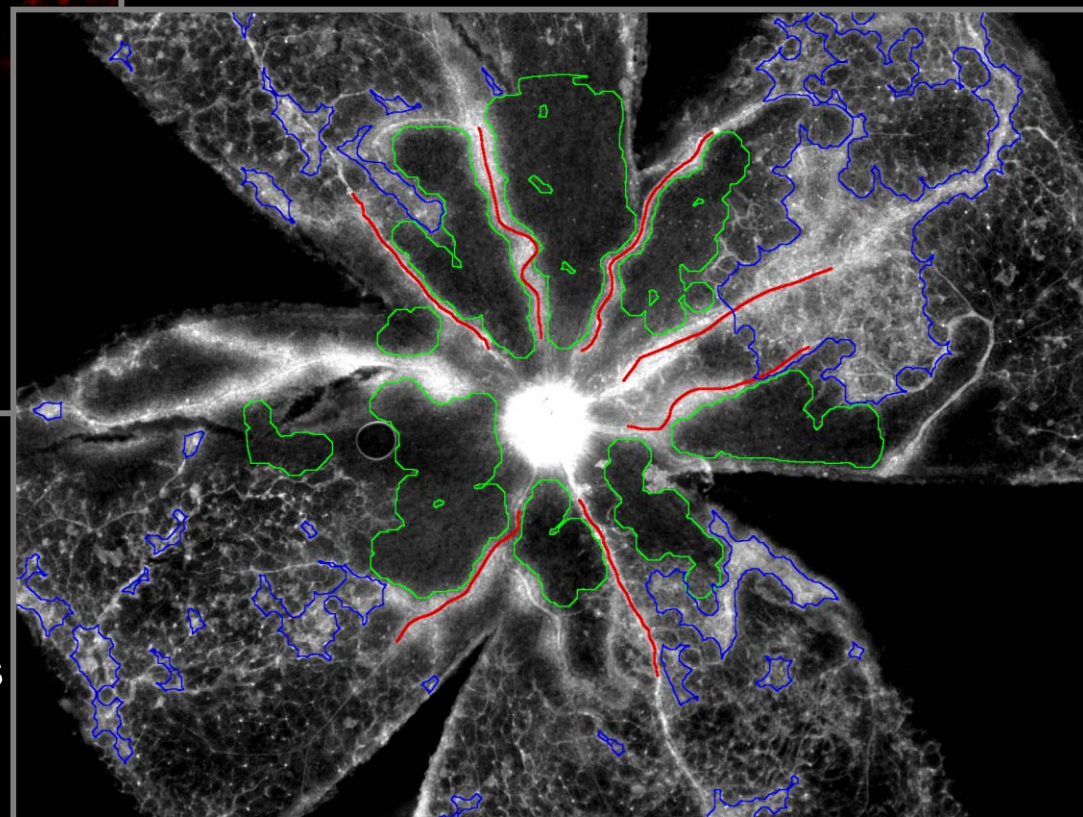
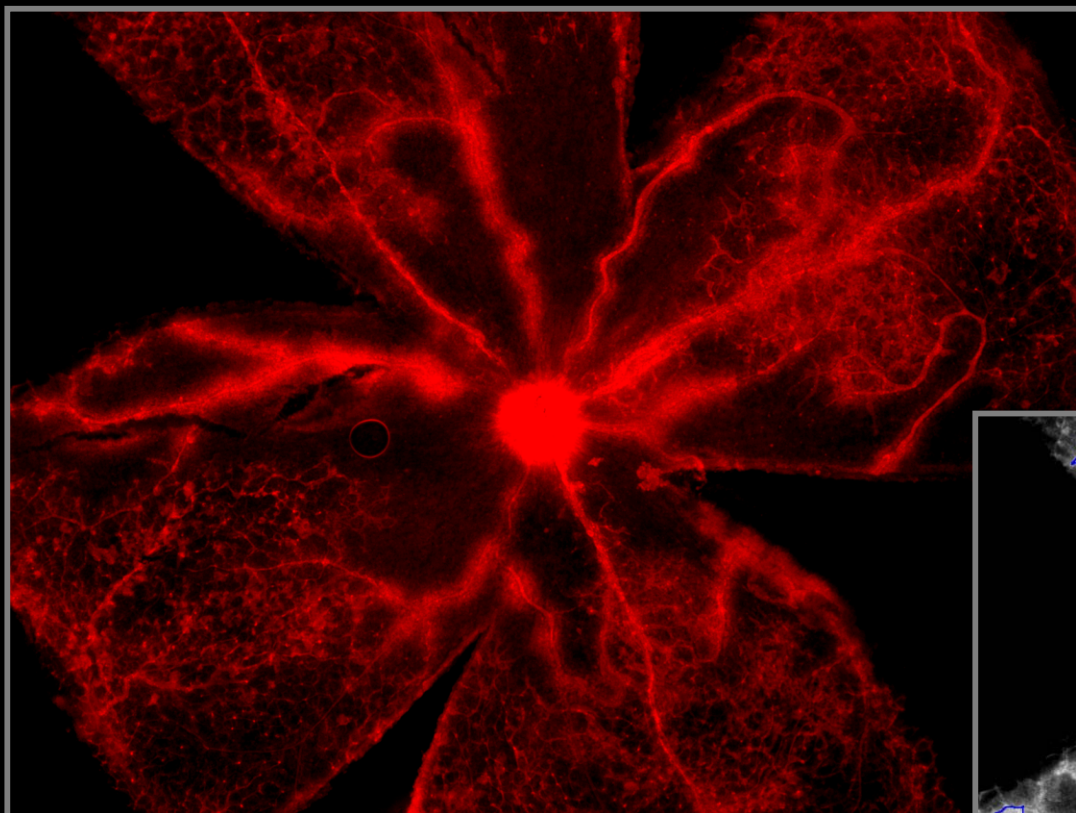
Control

Diseased



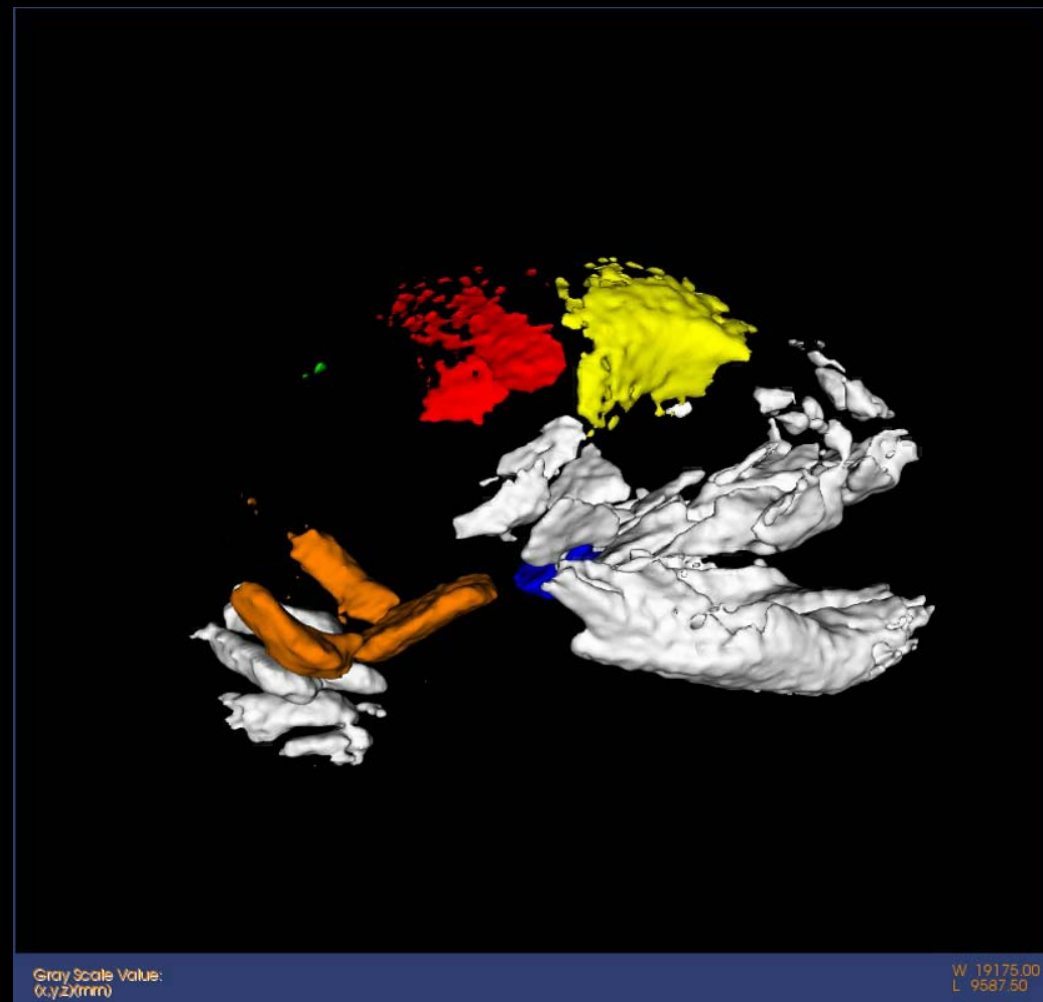
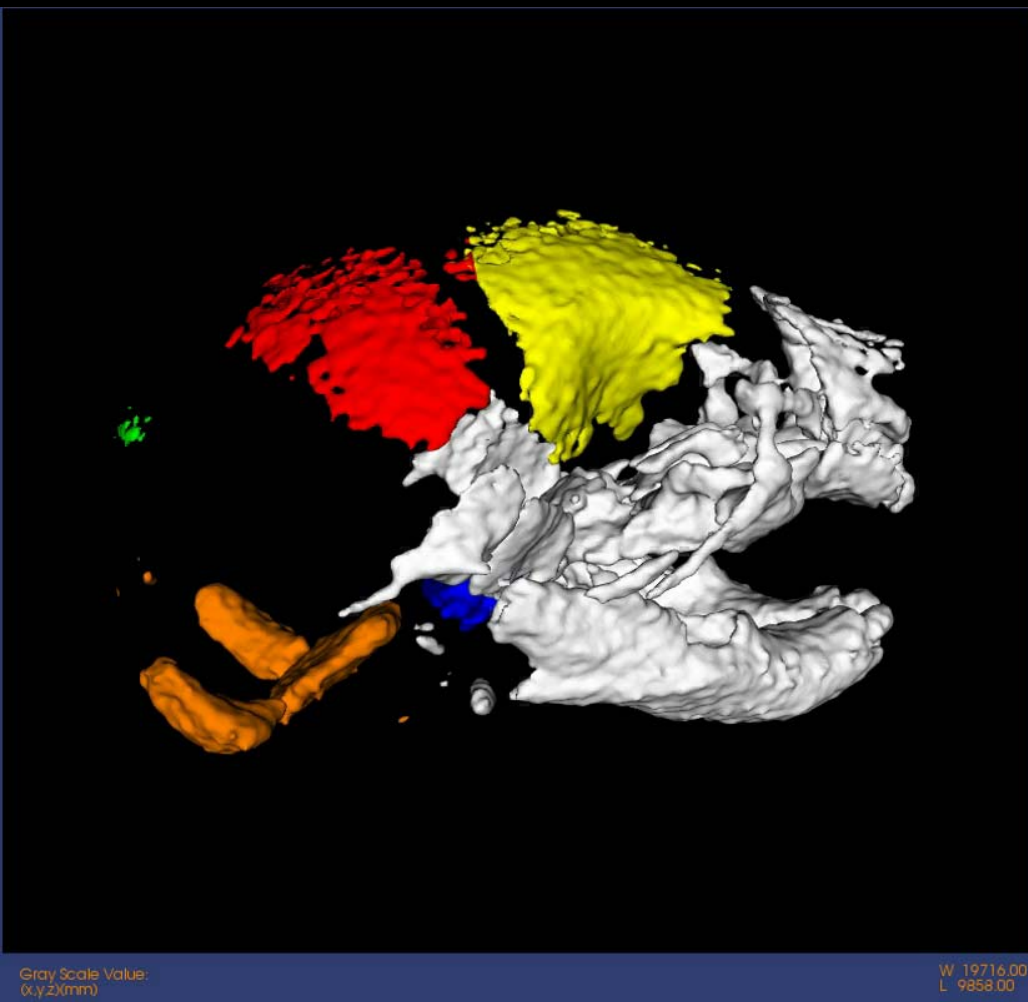
- 1st Level
- 2nd Level
- 3rd Level
- 4th Level
- 5th Level

Retinal Analysis



- Vessels
- Drop-out Regions
- Tufting

Skull Formation

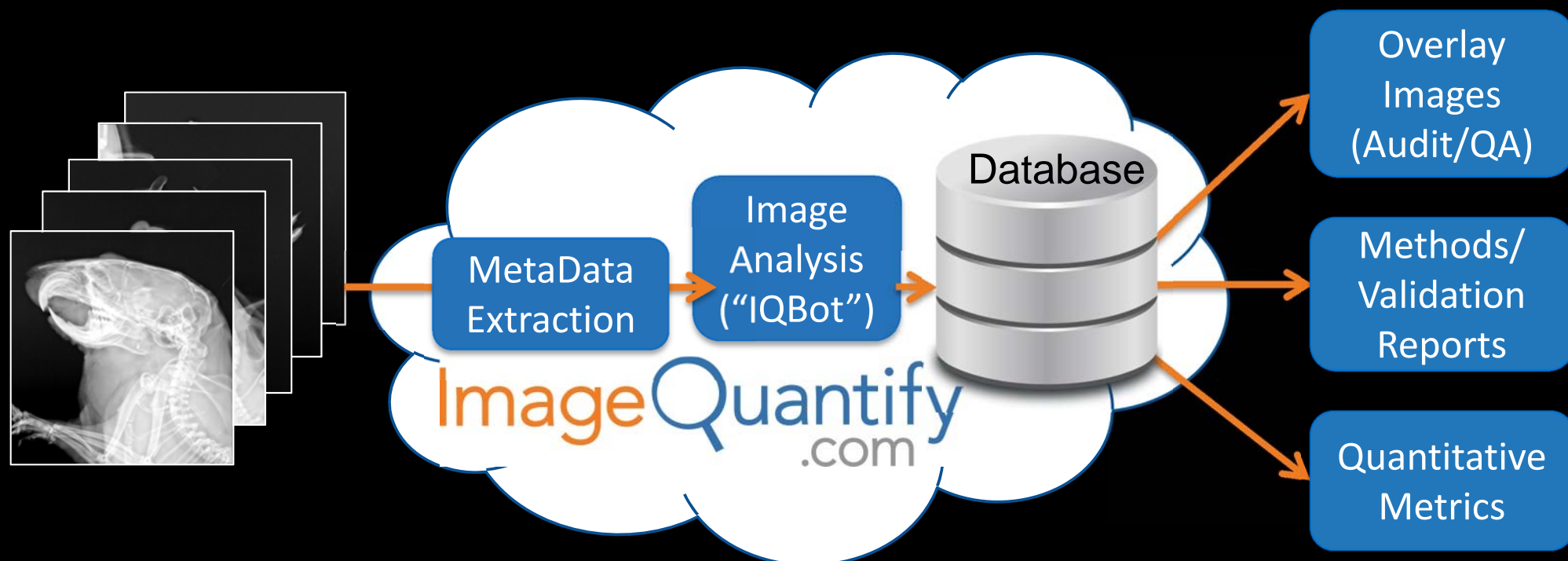


■ Frontal
 ■ Interparietal
 ■ Basisphenoid
 ■ Parietal
 ■ Occipital

Benefits of Use in Scientific Research

- Scaling to a global level for universal access
- Increased operational efficiency, accelerated timelines, reduced costs
- Data is quantitative and more objective
- Annotated image overlays improve data quality control and validation
- Reduced manual error, subjectivity, inter- and intra-observer variability
- Consistent, reproducible analysis methodology

Platform: ImageQuantify.com



Cloud-based research software tool for universal access to automated quantitative image analysis

- Quantitative & Objective
- Fully Automated & Validated
- “Real-Time” Analysis Results
- Will Support Any 2D Assay
- Secure and Private
- www.ImageQuantity.com
- Available online in **Q1 2015**
- Seeking Validation Partners

Thank You!



Contact Us

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