



## AI MEDICAL IMAGE CLASSIFIERS

Assisting physicians in detecting the presence of soft tissue medical conditions



InformAI imaging classifiers are advancing medicine at the point-of-care

## The Brain Cancer Classifier detects and distinguishes between several tumor types in the supratentorial brain region.

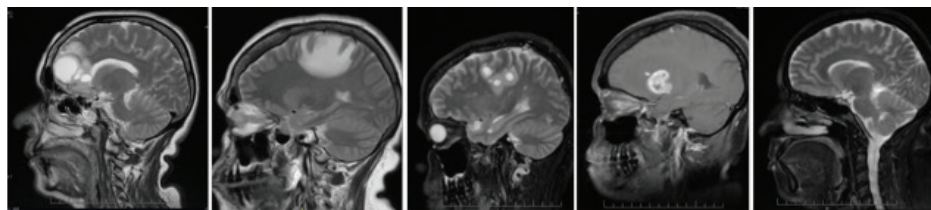
InformAI medical image classifiers assist physicians in detecting the presence of medical conditions in MRI/CT/US imaging modalities for improved diagnosis. Our Brain Cancer Image Classifier focuses on several tumor types prevalent in the supratentorial brain region.

### Supporting Physicians and Surgeons

Many brain biopsies are performed on patients because radiologists are limited in what they can see and fully interpret

within 3D MRI scans. Brain biopsies pose patient risks such as swelling or bleeding in the brain and can lead to infection and seizures.

For some brain cancers, radiologist certainty about a diagnosis using imaging alone can be as low as 50 to 60 percent. Our Brain Cancer Image Classifier has the potential to provide radiologists and surgeons with additional insights to inform their diagnoses and treatment plans.



### AI Brain Image Classifier

The InformAI Brain Cancer image classifier is built using a 3D convolutional neural network (CNN) trained on a pathology-validated 3D MRI image library and 3D medical image classifier transfer model foundation.

### InformAI Brain Cancer Image Classifier Features

- 3D Convolutional Neural Network
- 3D MRI imaging modality
- Automated 3D DICOM image series to classification functionality
- Enabled for 3D image viewer and MRI scanner integration
- Integrated skull-stripping utility

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## AI PATIENT OUTCOME PREDICTORS

Assisting hospitals and physicians in advancing medicine at the point-of-care



InformAI classifiers and predictors are advancing medicine at the point-of-care

# Medical Image Classifiers. Patient Outcome Predictors. Improving Healthcare.

InformAI develops AI-enabled diagnostic-assist tools and patient outcome predictors for leading healthcare systems, national physician groups and medical imaging companies. Our solutions enable faster patient diagnoses at the point of care and improve patient treatment planning.

- Medical image classifiers to assist physicians in improved detection of the presence of medical conditions in MRI/CT/US imaging modalities.
- Patient outcome predictors and surgical risk predictors to assist hospitals and physicians in optimizing patient treatment plans and providing well-informed diagnoses.

### Value Proposition

Our InformAI value proposition involves supporting physician productivity and assisting in improving patient outcomes.

- Faster diagnosis at the point-of-care, supporting early detection and lower healthcare costs
- Increased radiologist productivity by providing diagnostic assist and triage screening tools
- Expanded patient risk profiles improving treatment planning and outcomes

### Competitive Advantage

InformAI provides our clients with a range of product and service differentiators.

- Team comprised of deep learning, medical and AI product experts
- Partnerships with leading hospitals, physician practices and medical imaging companies
- Medical Image Classifier and Patient Outcome product platforms
- Proprietary data processing and AI model optimization utilities
- Access to large privileged medical image libraries and datasets for model training
- Nvidia AI Inception Partner