



The **ImagiCenter**® vision is to provide an unparalleled personalized medical imaging experience: ultrafast, accurate and responsive to both patient and clinician. This is achieved by an innovative coupling of the most advanced scanners, image processing equipment and software, seamless EHR and PACS integration, artificial intelligence and proprietary technologies with the highest level of professional oversight, interpretation, concierge-level service and ambience.

The **ImagiCenter**® remains actively engaged in scientific and medical research. Collaborating with academic and industry partners, the Center continues to innovate healthcare through its cutting-edge translational research in diagnostic imaging and image-guided therapeutics.

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## US Utility Patents

US 7,450,983 B2: 11/11/08  
US 8,014,575 B2: 9/06/11  
US 8,457,377 B2: 6/14/13  
US 8,805,042 B2: 8/12/14  
US 9,196,035 B2: 11/24/15  
US 9,754,369 B2: 9/05/17  
US 10,223,789 B2: 3/05/19

## ABSIST LLC

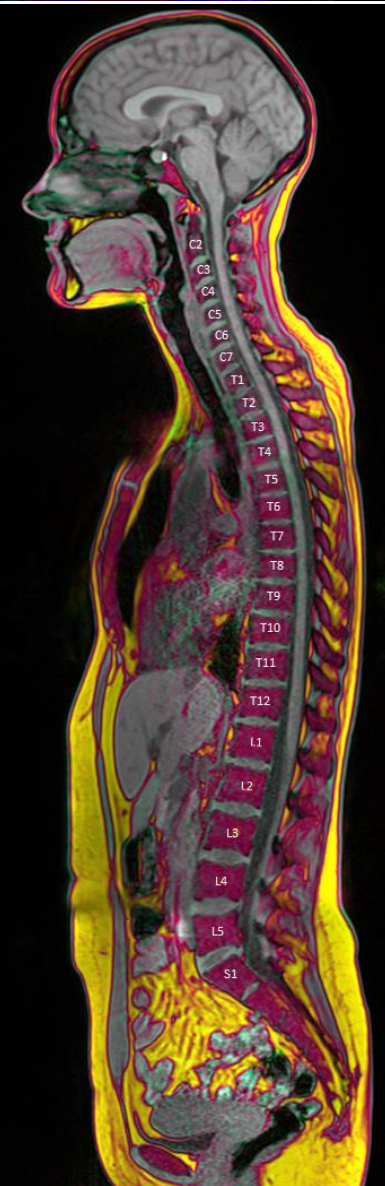
Automated **Brain Spine Iterative Scan Technologies**

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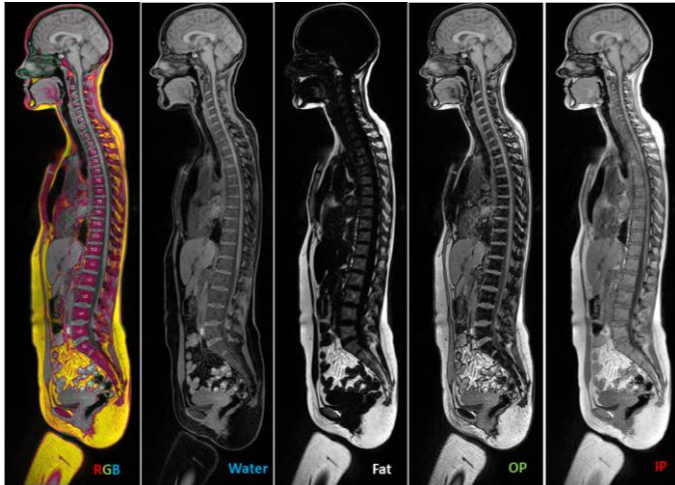
# Key technologies:

available for license or collaborative development

## AI: ImagiScan®

### Rapid auto-screen: head to toe

- Iterative analysis & prescriptions hone-in on abnormalities
- Accurate detection & labeling of all vertebrae & discs despite anatomic variation or pathology
- Reduce scan time from hours to minutes!



## Multiparametric AI & Color Dixon\*

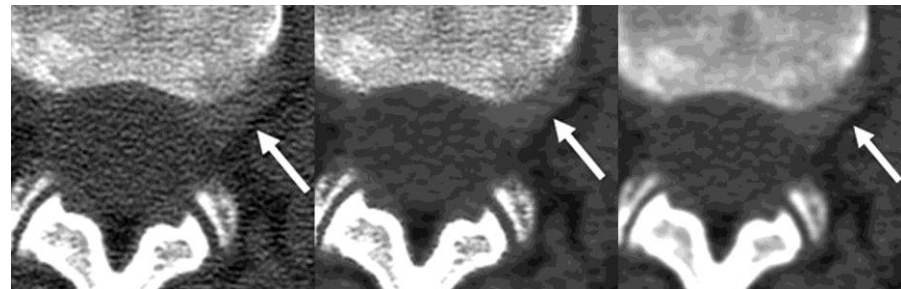
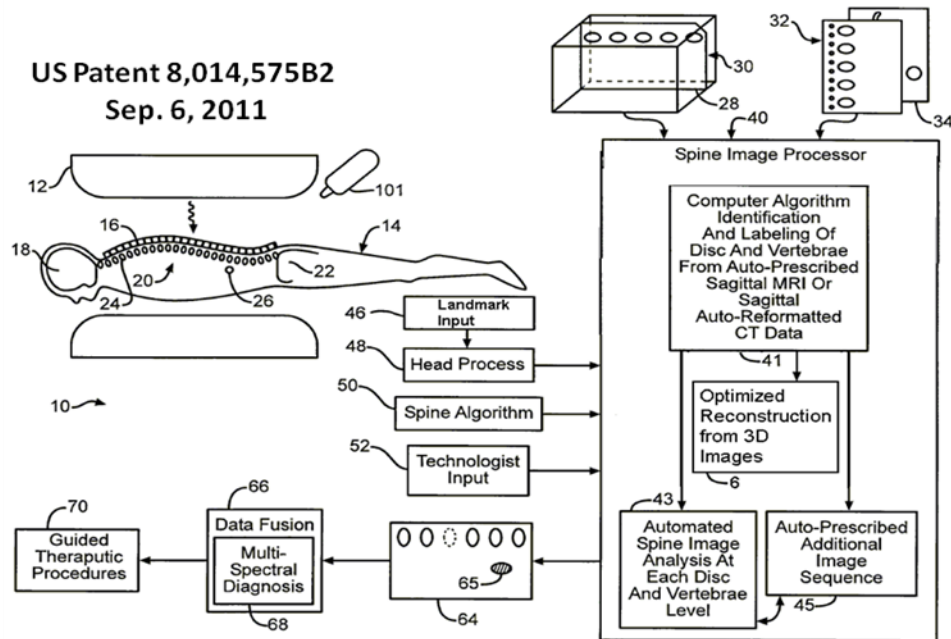
- US 10,223,789 B2
- \*Appl. 16/795,557 - NOA 7/19/22

## HCK®

### CT: Hybrid Convolution Kernel® v2.0

- Optimizes spatial resolution vs. noise across all tissues
- Reduces number of images to be stored, transmitted, & reviewed
- Optimizes iterative reconstruction
- Serves all CT & PET CT scanners

## AUTOMATED NEUROAXIS (BRAIN AND SPINE) IMAGING WITH ITERATIVE SCAN PRESCRIPTIONS, ANALYSIS, RECONSTRUCTIONS, LABELING, SURFACE LOCALIZATION & GUIDED INTERVENTION



HP (Bone)

HCK (Hybrid)

LP (Standard)

Weiss KL, Cornelius RS, Greeley AL et al. Hybrid Convolution Kernel: Optimized CT of Head, Neck, and Spine. AJR Feb 2011:403-406. US 8,805,042 B2

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\*US Patents: 7,450,983 B2; 8,014,575 B2; 8,456,377 B2; 8,805,042 B2; 9,196,035 B2; US 9,754,369 B2; US 10,223,789 B2 + pending – NOA 7/19/22