



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.

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

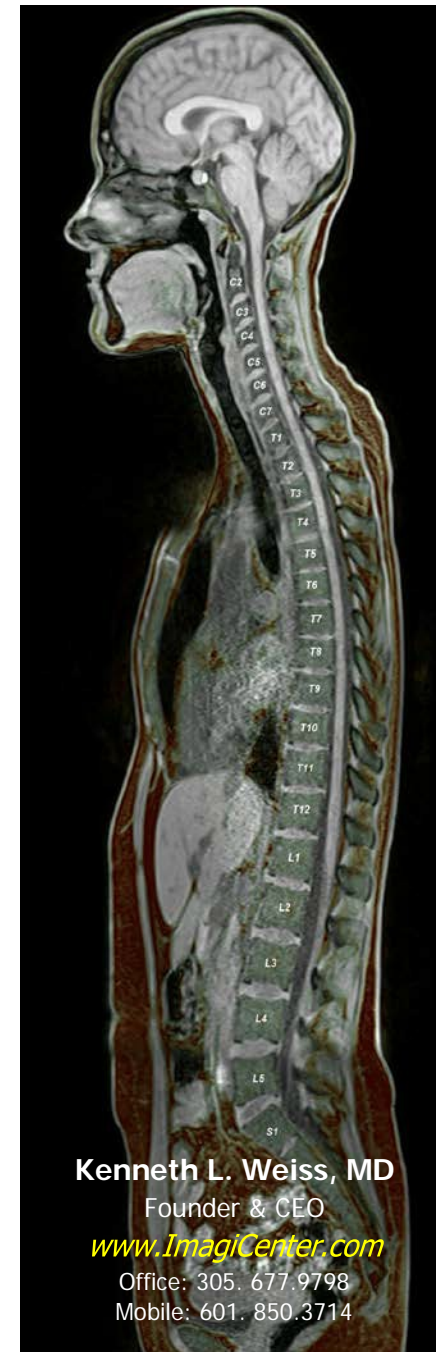
ImagiCenter®



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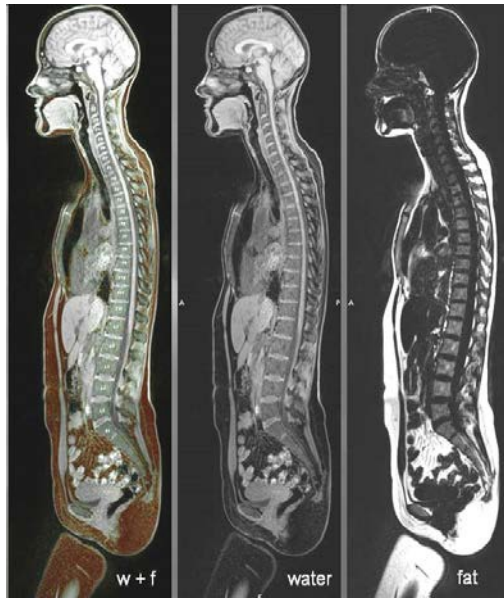
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Key technologies:

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!

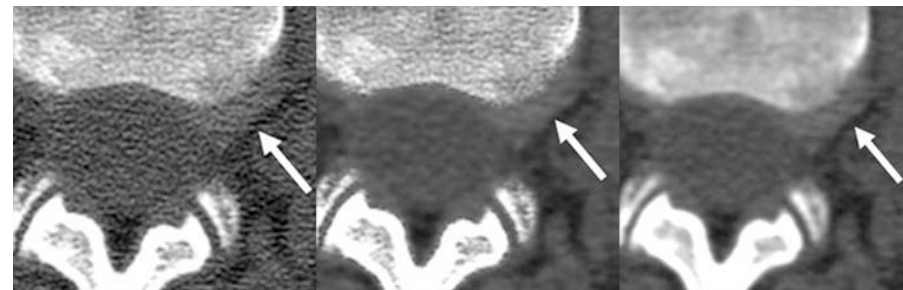
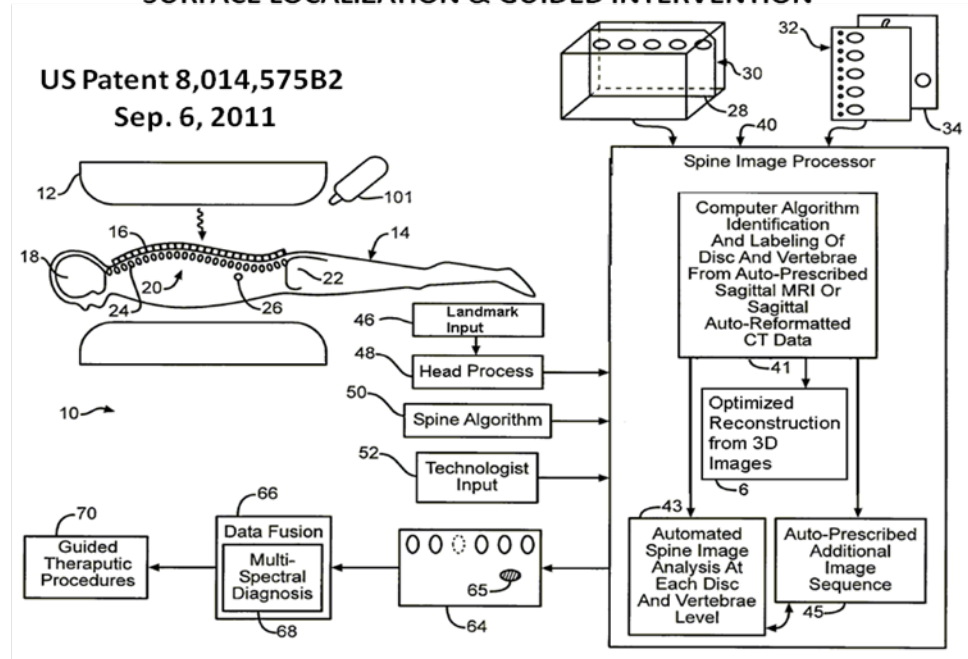
HCK®

CT: Hybrid Convolution Kernel* v2.0

- Optimize spatial resolution vs. noise across all tissues
- Optimize iterative reconstruction
- Reduce number of images to be stored, transmitted, & reviewed
- New improved algorithm serves all CT & PET CT scanners!

*US Patent No. 8,805,042 B2

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 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 issued 9/5/17 plus pending