



IS3R 2023

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Sustainability : An Industry Perspective

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United Imaging

Manufacturing Responsibly

Magnet Resonance Cooling Technology: Liquid Helium Saving by Automation, Process and Transportation Optimization



Automation

We developed a mechanical cooling system for Magnet Cooling replacing the traditional Helium Cooling.



Process

A bypass valve was applied to the Magnet, which can lower the Helium loss during the magnet testing.



Transportation

The special cold chain technology was rolled out for the MR global transportation.

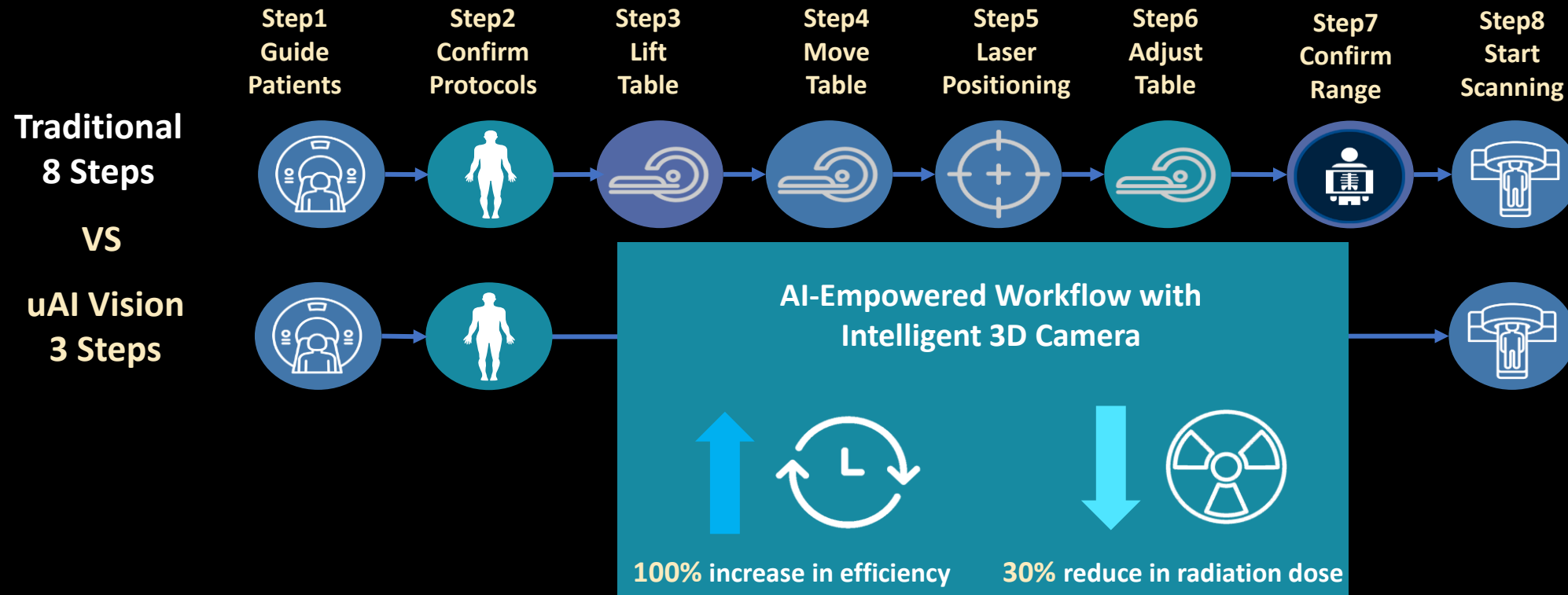
Contribution

Liquid Helium saving **636,300** Liters a year.

AI Fueled Intelligent Imaging

uAI Vision: Increased Efficiency and Reduced Radiation Dose

Auto adjustment & alignment, patient anatomical structures can be identified regardless of positioning



Comprehensive Applications...for every patient

All-In Configurations™ and Software Upgrades for Life™

