CARING Analytics Platform - CARPL

Building the world's largest network of healthcare AI validation and deployment sites…

By Mahajan Imaging

MAHAJAN IMAGING

CARING

Mahajan Imaging is one of India's leading medical imaging providers

- Introduced MRI into India
- 400,000 patients annually
- 9 centres – X-Rays to PET-CT
- 50+ radiologists
- Founded by Dr. Harsh Mahajan, Radiologist to the President of India, Padma Shri awardee

India's first 3.0T Signa Architect 128 Channel System

MAHAJAN IMAGING

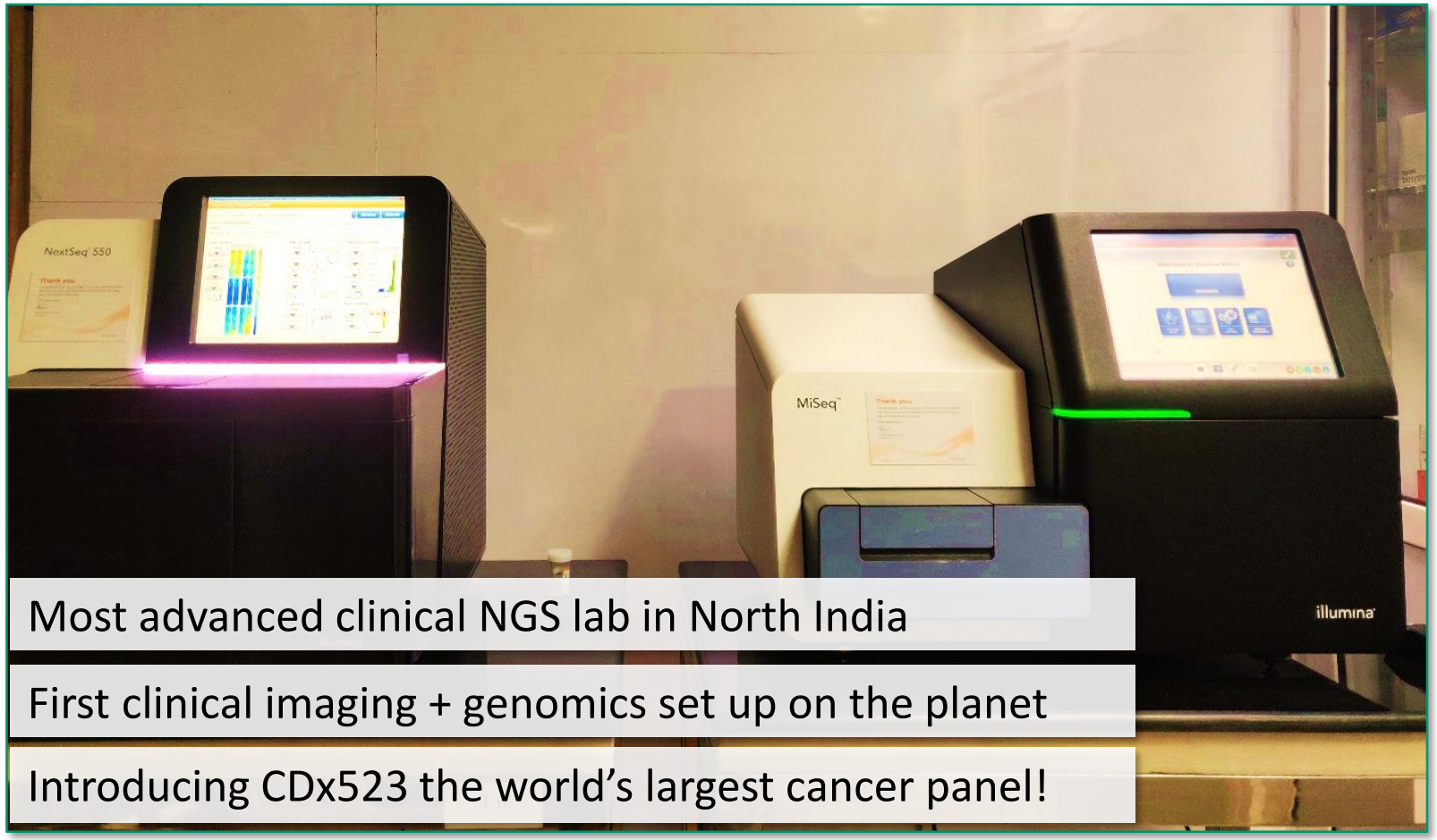
CARING

MI's technological prowess and unique approach to patient-care has ensured significant media interest

MAHAJAN IMAGING

CARING

Moving towards Integrated-Diagnostics – introducing genomics



Most advanced clinical NGS lab in North India

First clinical imaging + genomics set up on the planet

Introducing CDx523 the world's largest cancer panel!

Molecular Imaging

+

Molecular Pathology with Genomics

↓

Integrated Diagnostics

MAHAJAN IMAGING

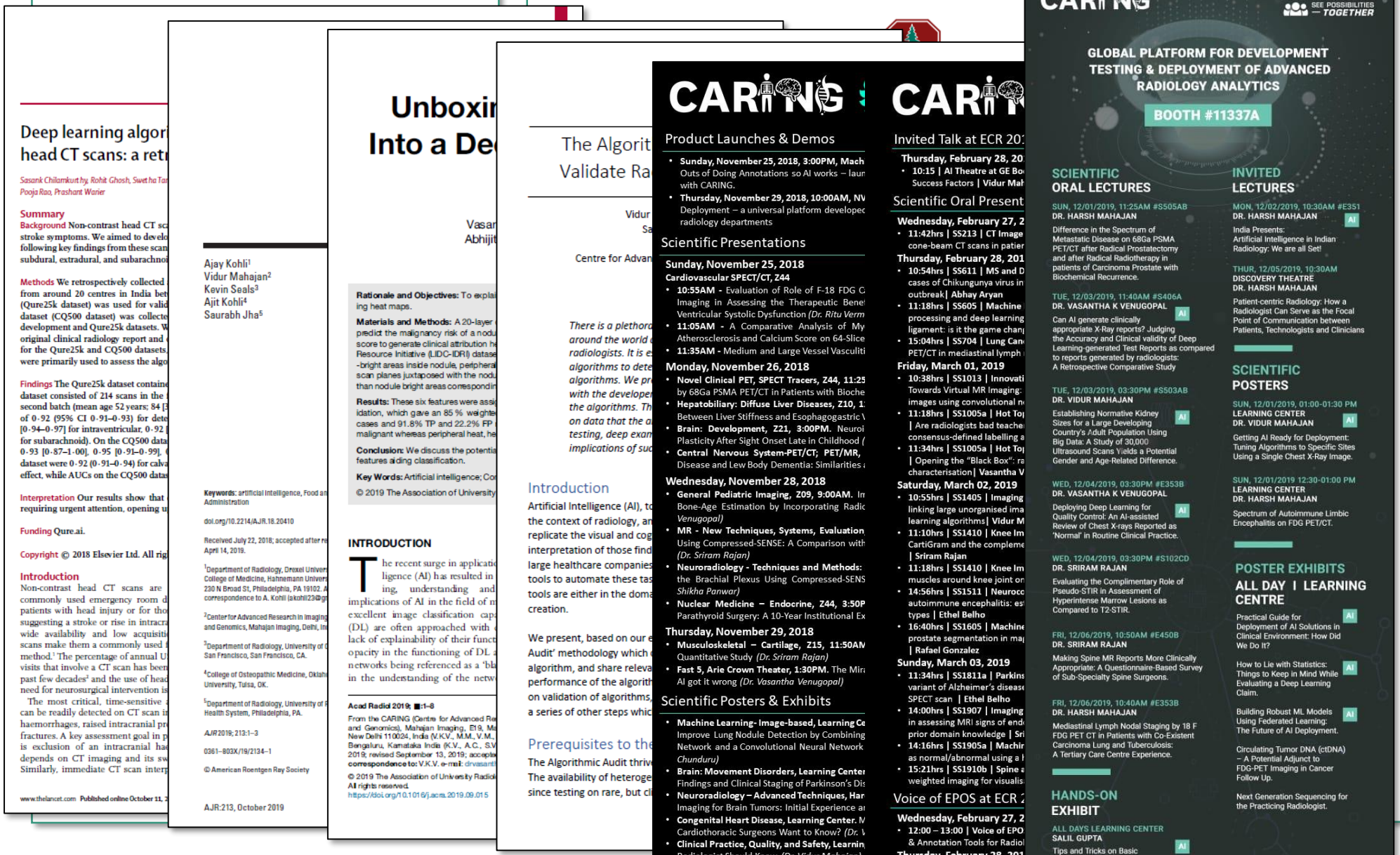
CARING

CARING is a dedicated research division focussed on developing cutting-edge diagnostics products

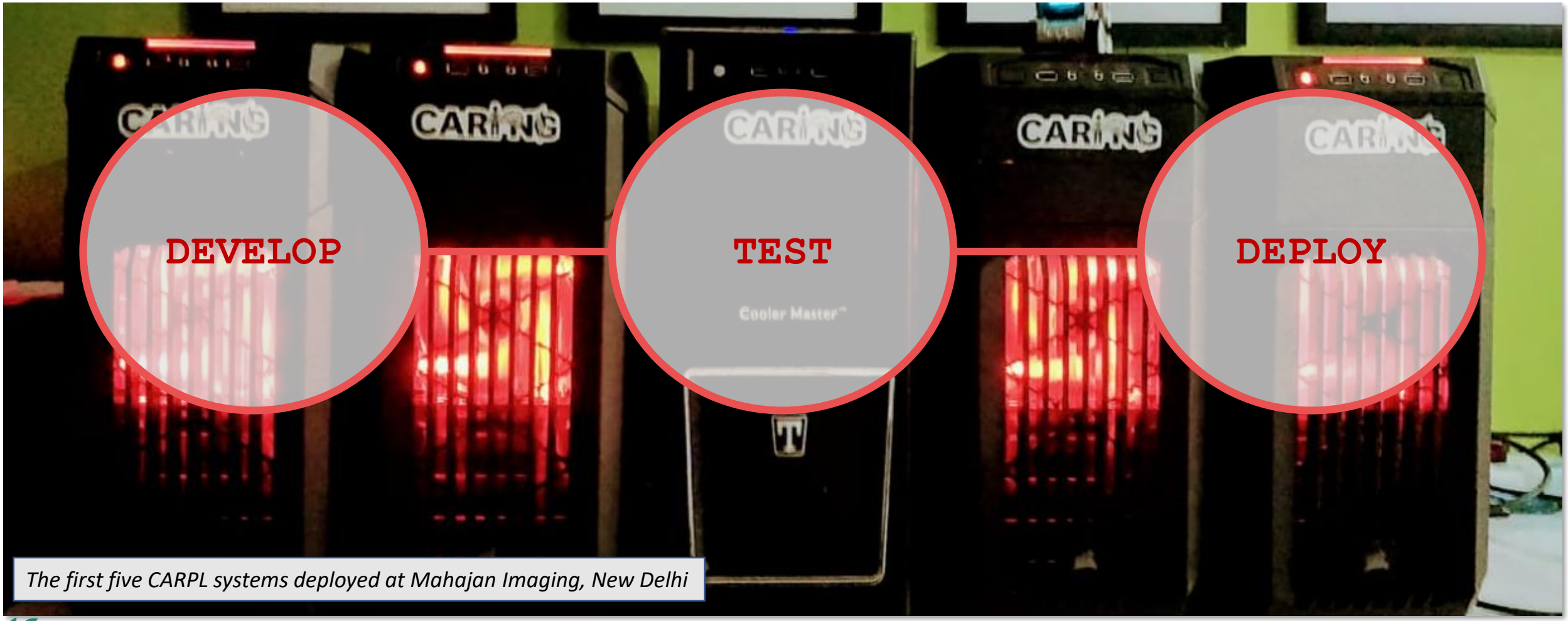
Centre for Advanced Research in
Imaging, Neurosciences & Genomics

MAHAJAN IMAGING

CARING



CARPL is expanding these capabilities to the entire Indian healthcare ecosystem!

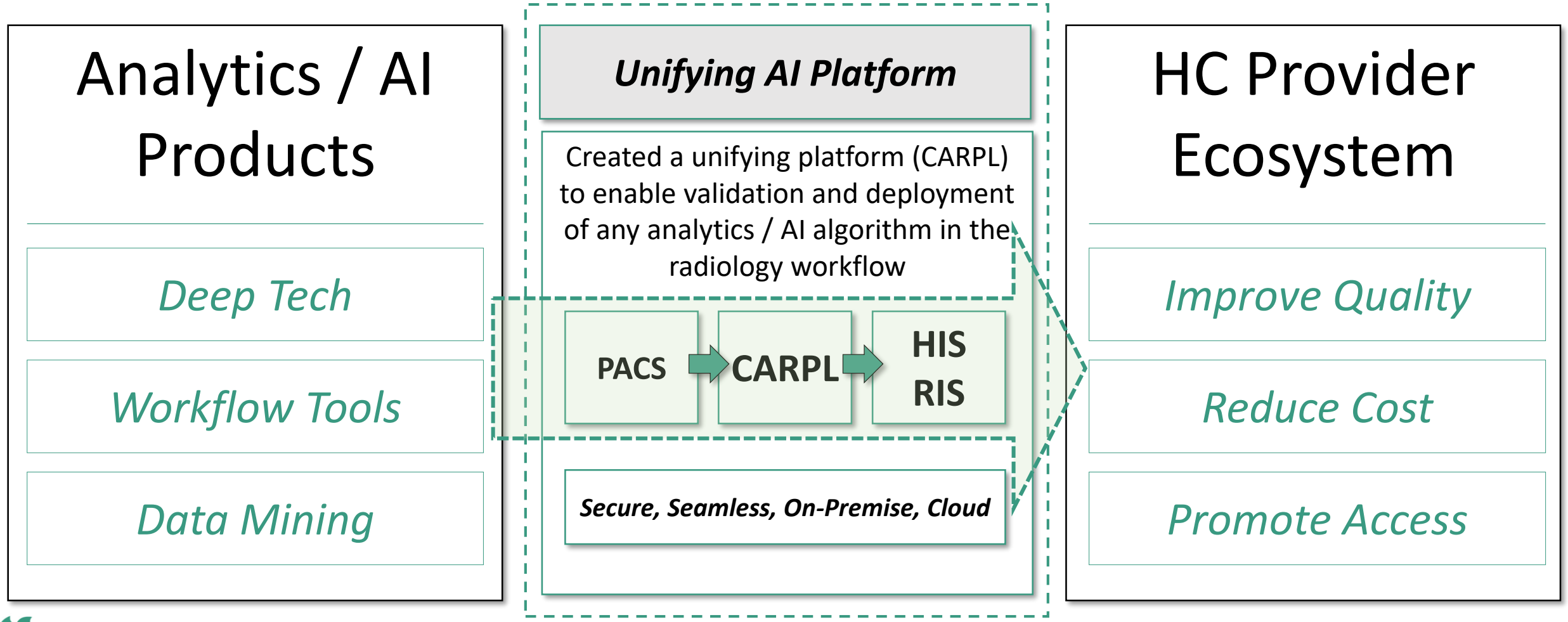


The first five CARPL systems deployed at Mahajan Imaging, New Delhi

MAHAJAN IMAGING

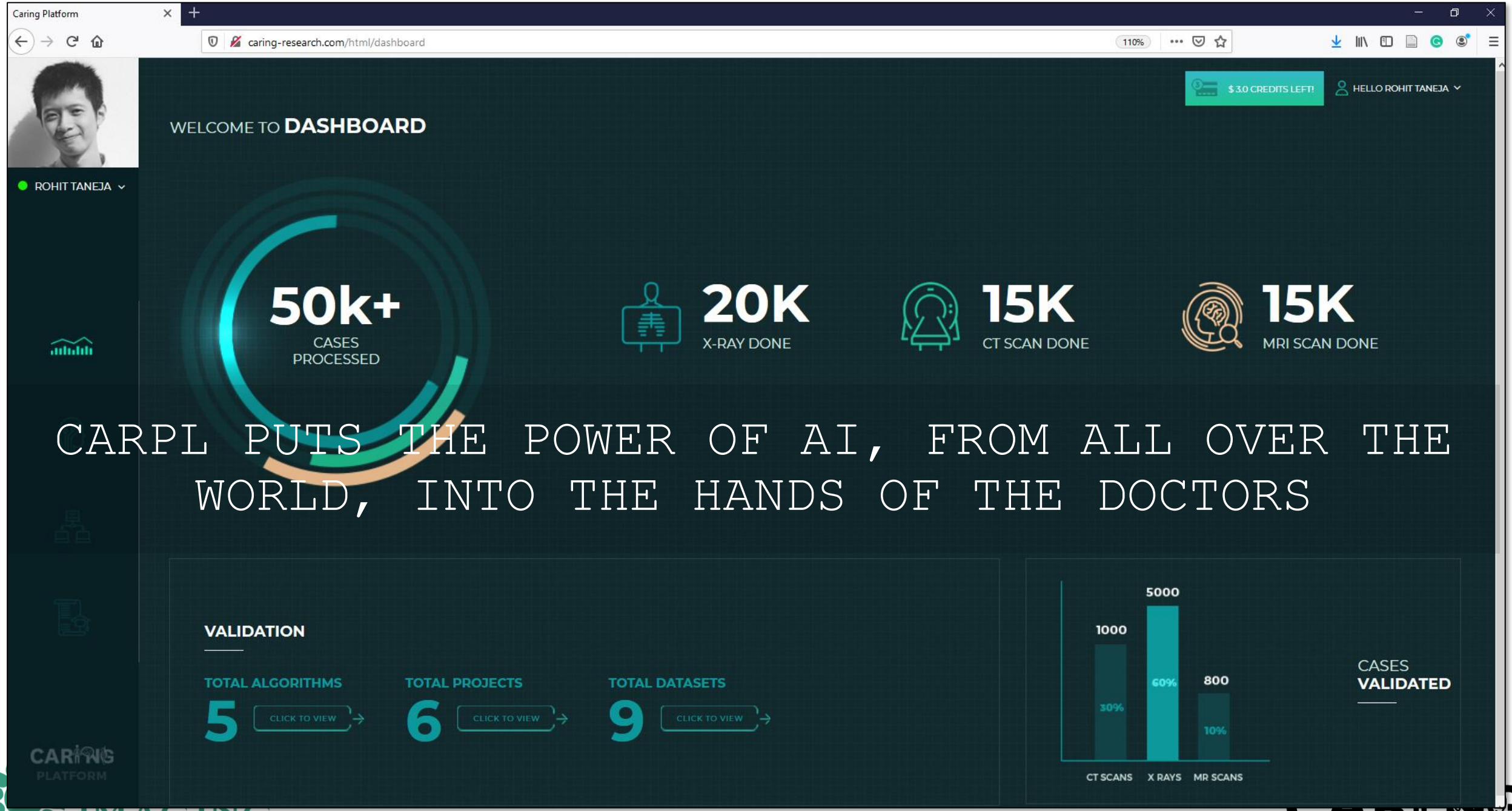
CARING

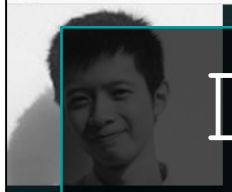
CARPL integrates AI / Analytics companies and products from across with worlds with radiology providers



MAHAJAN IMAGING

CARING


Caring Platform
caring-research.com/html/dashboard
110%
$ 3.0 CREDITS LEFT!
HELLO ROHIT TANEJA
WELCOME TO DASHBOARD
ROHIT TANEJA
50k+
CASES PROCESSED
20K
X-RAY DONE
15K
CT SCAN DONE
15K
MRI SCAN DONE
CARPL PUTS THE POWER OF AI, FROM ALL OVER THE WORLD, INTO THE HANDS OF THE DOCTORS
VALIDATION
TOTAL ALGORITHMS
5
CLICK TO VIEW
TOTAL PROJECTS
6
CLICK TO VIEW
TOTAL DATASETS
9
CLICK TO VIEW
5000
1000
800
60%
30%
10%
CT SCANS
X RAYS
MR SCANS
CASES VALIDATED
CARING PLATFORM



DEVELOP

MERGING IMAGING & GENOMICS

The Indian Breast Cancer Database*

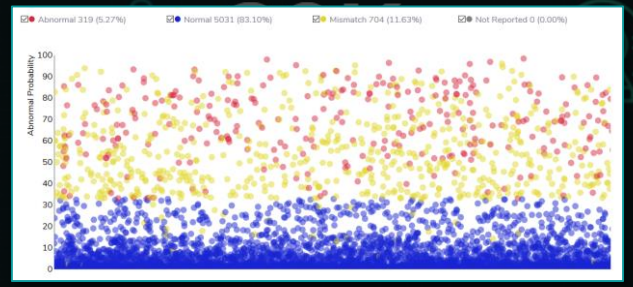
MAMMO + BRCA + PATH

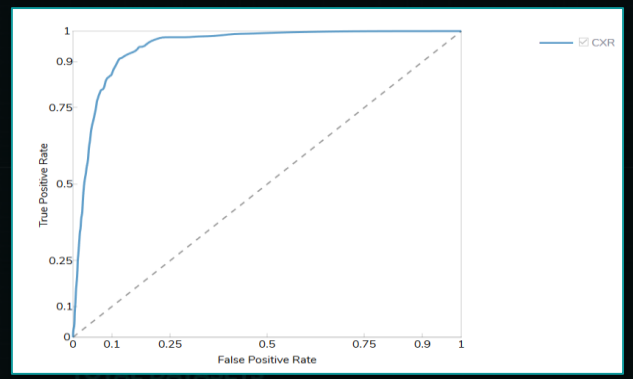
GENOMICS FOR INDIA

Precision Medicine Markers for Cervical Cancer*

TEST

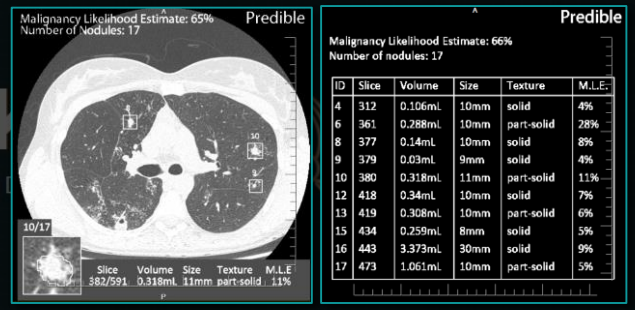
CLINICAL VALIDATION OF AI FOR TUBERCULOSIS DETECTION



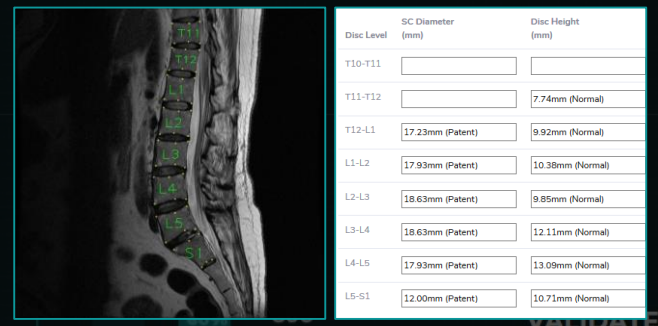


DEPLOY

LUNG CANCER



AUTOMATED SPINE MRI



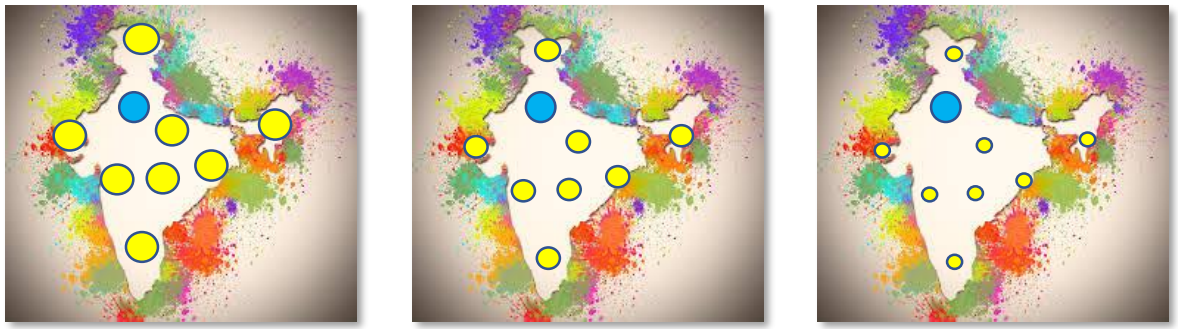
*Grant application submitted

Potential Projects – Country Level Population Mapping for Tuberculosis

Millions of Digitized Chest X-Rays around India

Processed retrospectively through CARPL using hybrid-cloud methodology with AI (AUC>.92)

Create India-level temporal heat map of TB prevalence



2010 | 2014 | 2019

CARPL can enable a previously impossible task of parsing through millions of X-rays in a matter of days – overhaul the approach to public health - give policy makers the opportunity to monitor disease-burden in real-time, at a fraction of the cost!

MAHAJAN IMAGING

CARING

Imagine the possibilities when all global healthcare providers are ‘clinically connected’…

- *Enabling access to AI*
- *Creating global disease level databases*
- *Enabling precision medicine through genomics and integrated diagnostics*
- *Population health management*

MAHAJAN IMAGING

CARING

CARING is nothing but a group of clinicians and technologists who have come together to accelerate the adoption of advanced analytics tools in medicine – we understand your concerns as we serve patients ourselves.

CARPL – For Radiologists, By Radiologists

MAHAJAN IMAGING

CARING