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Case Studies of Leading Technologies in Digital Healthcare

Increasing access to care through a connected network of hospitals in India

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Indonesia's Health Transformation Agenda

Improving access and quality of healthcare across the country

Primary Service
Transformation

Referral Service
Transformation

Healthcare
Resilience System

Healthcare
Financing System
Transformation

Healthcare Human
Resources
Transformation

Health Technology
Transformation

Minister of Health Regulation No 13/2022 on the Revision of Minister Regulation 21/2020
on the 2020-2024 Ministry of Health's Strategic Plan

PREVALANCE OF cancer is increasing in Indonesia



Nearly
600,000¹

New cancer cases per year in
Indonesia by 2040



**Top 3
Cancers in
Indonesia**²

- Breast
- Cervix Uteri
- Lung



**1 in 5 men
1 in 6 women**³

Will develop cancer
worldwide



50 - 60%⁴

Of patients with cancer
will need radiation
therapy



Only 10%⁵

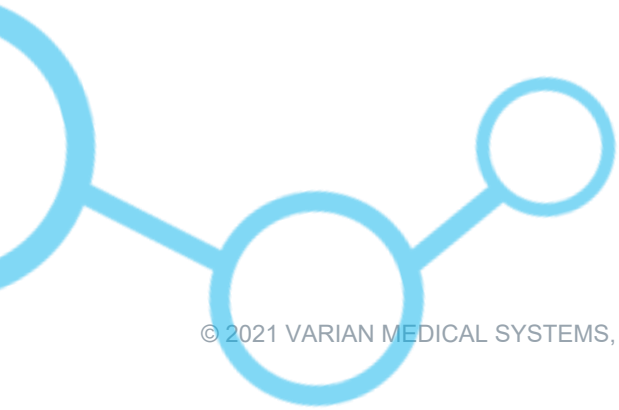
Of cancer patients have access
to radiation therapy in low
income countries



40%⁶

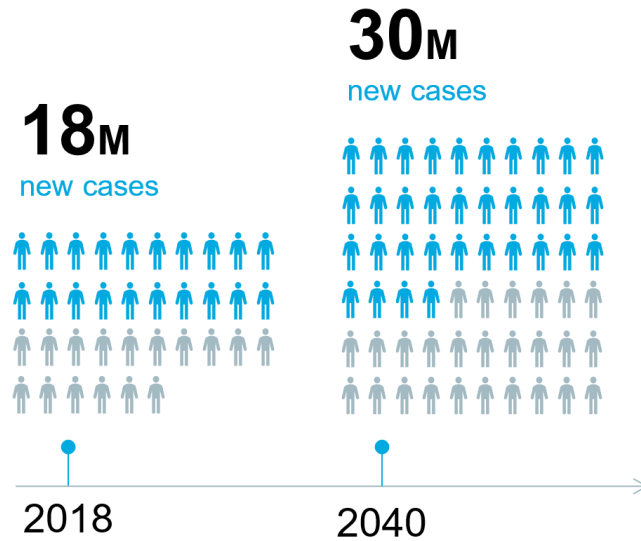
Of cancer cures worldwide
include treatment using
radiation therapy

Here is how we can help



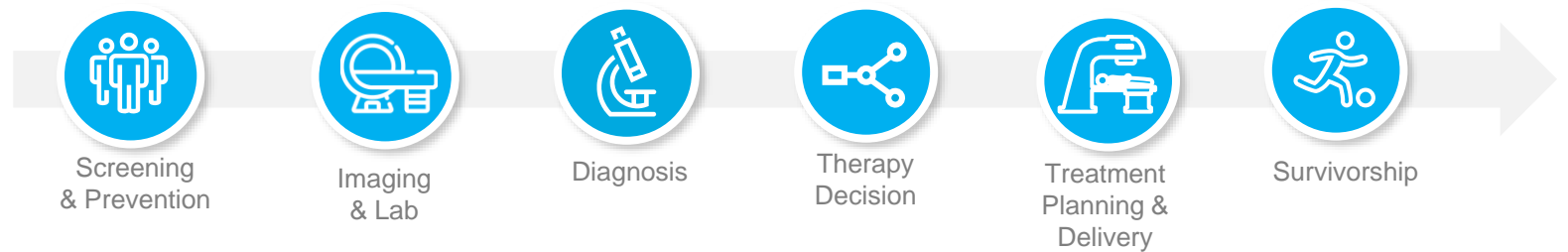
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An even stronger partner in the fight against cancer



- Address growing unmet **need for cancer care**
- Help patients to receive the **right treatment at the right time**

- Cover **complete cancer care continuum** and many threatening diseases
- Provide most **comprehensive portfolio**



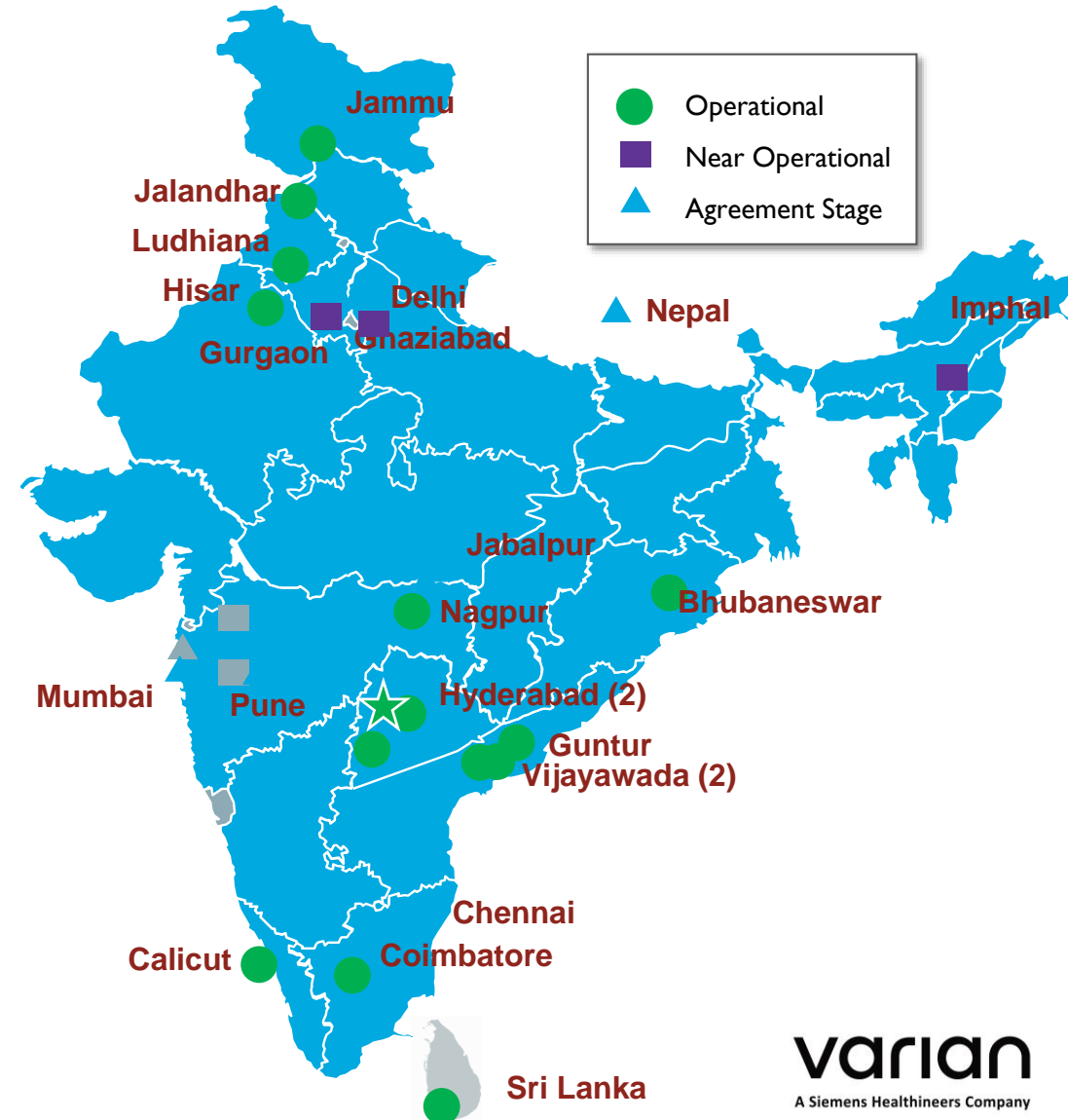
Case study: Connected network of hospitals in India



American Oncology Institute Network

Oncology provider network across 16 sites in South Asia

- Model for delivering value-based care in developing markets



Connected Hospitals for Oncology Services

Increasing access to care in provinces through remote connectivity



Centralized Cancer Hospital

Diagnosis

Centralized molecular & imaging diagnostics

Clinical Decisions

Patient care plans with multi-disciplinary approach via telemedicine

RT Treatment Planning

Centralized treatment planning to support remote sites

Quality Control

Monitoring remote center's performance with quality assurance programs

Training & Education

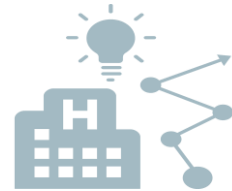
Providing clinical training to remote centers



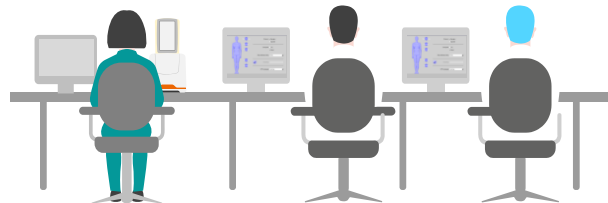
Treatment Delivery Precise & streamlined treatments with standardized equipment and tools



Early Diagnosis Support Collecting samples for remote lab diagnosis, and provide first-line diagnostic imaging



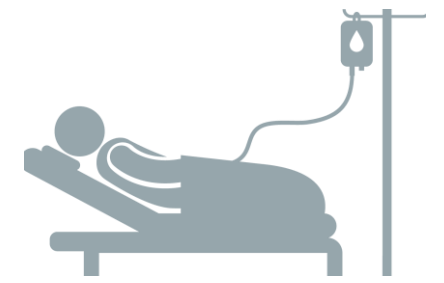
Supportive Care Providing local patient care with remote support



Centralized Care Team

Post Treatment Evaluation & Follow-up

Remote real-time symptom reporting & patient engagement platform



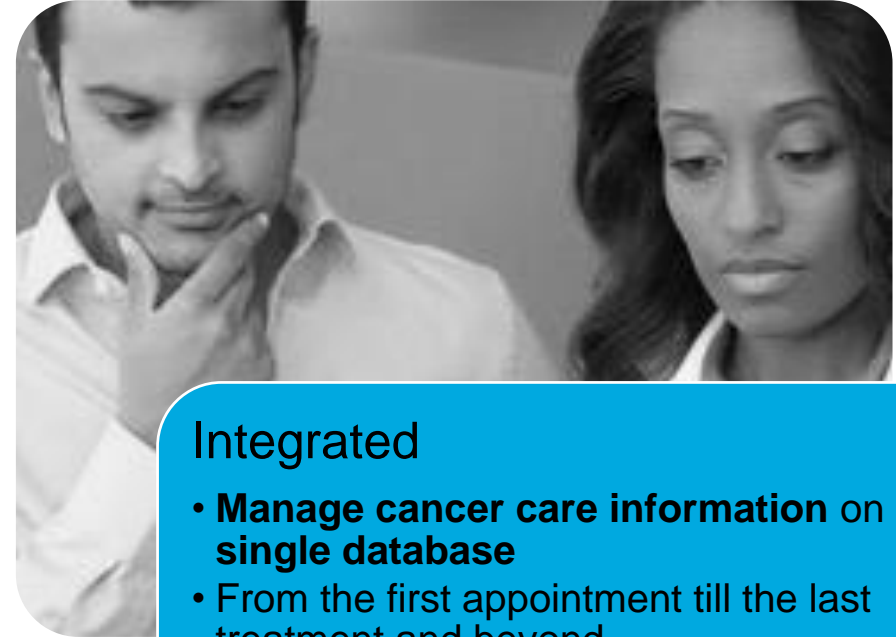
Integrated Information System

Connected patient care across hospital network



Segregated

- Patient data sits within one hospital
- System used **mainly for record and verification purposes**
- **Manual import/export of patient data**, posing **cybersecurity risk**
- Challenging to share resources across hospital network



Integrated

- **Manage cancer care information on a single database**
- From the first appointment till the last treatment and beyond
- Allow **patient transfers across hospital network**
- **Enable AI and big data**
- **High network security**
- **Encrypted patient data**
- Critical to managing cost, quality and outcomes

Enabling Connected Care for Anyone, Anywhere

From India to Southeast Asia

- Improve access to cancer services in referral hospital network: national, provincial and regional level hospitals



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