



Cover Story:

# Reimagined Hospitals



20 **Edward Bluth:** RSNA 2019: Radiologists Can Be Optimistic About AI

28 **Prof. Andrew Walton:** Managing Change to Improve Clinical Outcomes

36 **Adam Gale:** How Far Is the Future?

40 **Christopher Shaw:** Healthcare Design With a Long-Term View

46 **Prof. Christian Lovis:** An Alternative to Costly Tech For Future Healthcare?

50 **Prof. Marcel Levi:** Generalism as a Sustainable Model in New Healthcare Paradigm

52 **Sirpa Arvonen:** Finland's Digital Care Network: Why is it Working So Well?

56 **Marina Gafanovich:** The Empowered Patient – Capitalising on Information and Technology

60 **Chris McCahan:** Building a Better Hospital

# Reimagined Hospitals

Source: <https://iii.hm/110j>

Source: <https://iii.hm/110k>

Source: <https://iii.hm/110j>

## WHAT WILL THE REIMAGINED HOSPITAL LOOK LIKE?

- Hospitals will no longer be set apart from surrounding neighbourhoods.
- A 21st century healthcare facility will be part of the community.
- Future hospitals will promote learning, discovery, health and wellness.
- Buildings and departments will be digitally connected.
- Hospitals will be designed based on scientific evidence.
- There will be a move from general community hospitals to specialised hospitals or nonhospital.

## WHY WE NEED TO REIMAGINE HOSPITALS

- Changing demand for healthcare services
- Ageing population
- Personalised care
- Declining financial resources
- Information overflow
- Ineffective utilisation of healthcare data

## GOALS OF THE REIMAGINED HOSPITAL

- 1 Improve patient flow
- 2 Improve access to treatments
- 3 Reduce hospital stays
- 4 Curtail spread of infection
- 5 Reduce patient and staff stress
- 6 Improve safety, privacy, convenience and comfort

## THE HOSPITAL SYSTEM

### TODAY

- Physician-centred system
- Increasing units of activity
- Static, self-contained narratives and patient charts

### TOMORROW

- Patient-centred system
- Increasing focus on actual job
- Smart computer software that pulls information and provides a dynamic view of patient condition.

Source: <https://iii.hm/110l>

## BENEFITS OF REIMAGINED HOSPITALS

- Improved patient care
- Increased efficiency
- Improved costs
- Fewer medication errors
- Better patient flow
- Data-driven decision-making process
- Better transition from hospital care to long-term care

Source: <https://iii.hm/110l>