Transforming the patient journey through connected care

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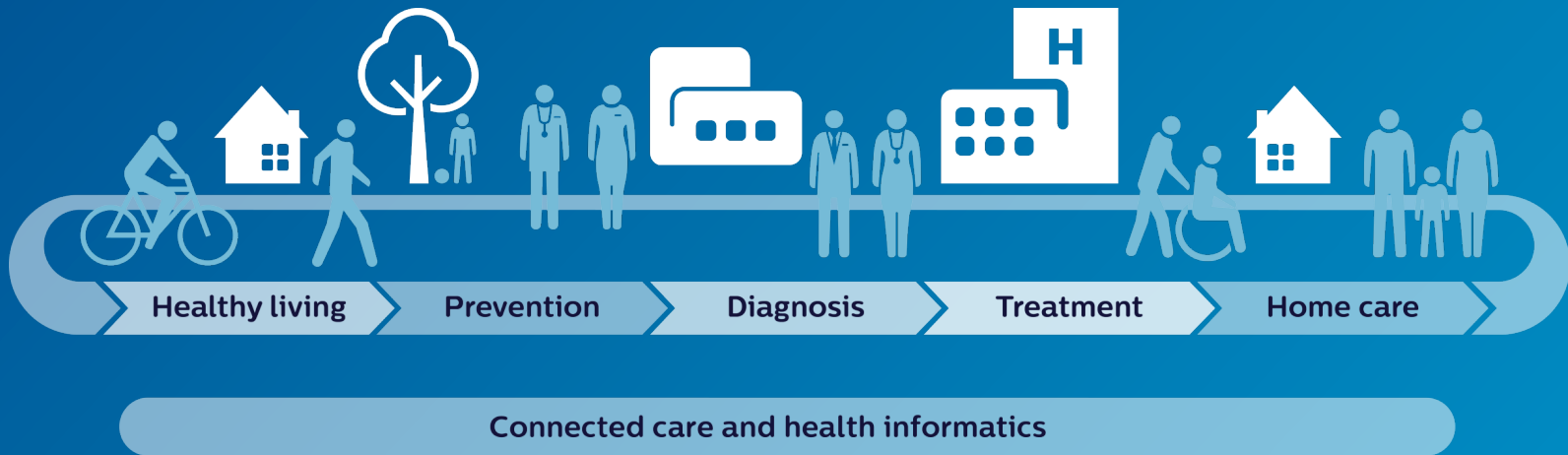
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Supporting the NHS to deliver more savings

Operational productivity and performance in English NHS acute hospitals: Unwarranted variations

An independent report for the Department of Health by Lord Carter of Coles

February 2016

How can NHS Trusts deliver efficiencies of 2-3% per year, or a 10-15% real terms cost reduction by April 2021?

"The best performing hospital systems around the world have real-time data at their fingertips ."*

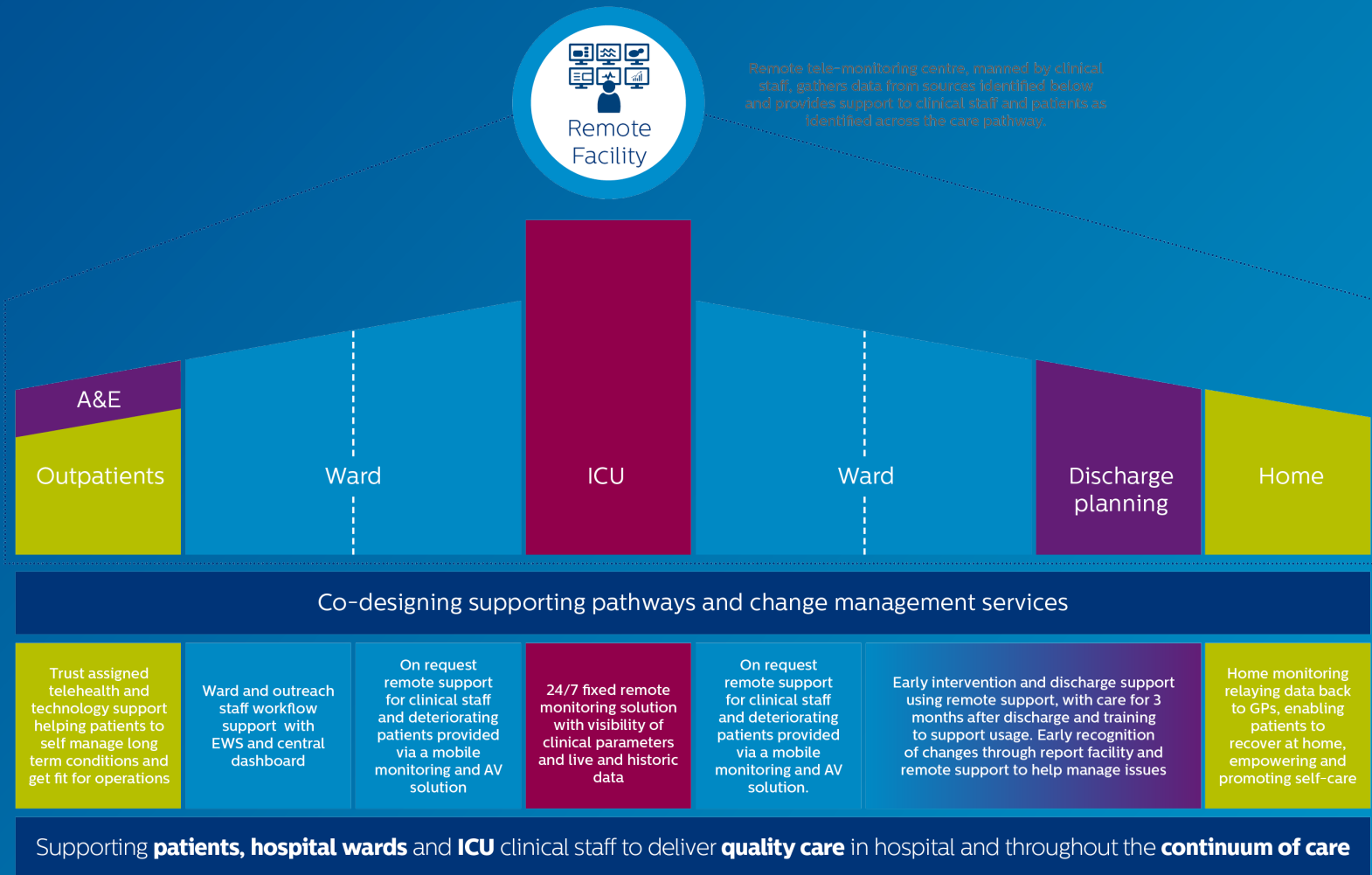"Achieving timely patient transfers to appropriate care settings is critical..... on any given day as many as 8,500 beds are blocked with patients who are medically fit to be transferred. The cost of these delays could be around £900m per year."*

Lord Carter recommends "Moving towards a patient-centred organisation design – ensuring structure, workflow and resource allocation is designed around the patient"*

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Philips integrated, E2E connected care solution

Remote Facility

Remote tele-monitoring centre, manned by clinical staff, gathers data from sources identified below and provides support to clinical staff and patients as identified across the care pathway.

| A&E Outpatients | Ward | ICU | Ward | Discharge planning | Home |

Co-designing supporting pathways and change management services

| Trust assigned telehealth and technology support helping patients to self manage long term conditions and get fit for operations | Ward and outreach staff workflow support with EWS and central dashboard | On request remote support for clinical staff and deteriorating patients provided via a mobile monitoring and AV solution | 24/7 fixed remote monitoring solution with visibility of clinical parameters and live and historic data | On request remote support for clinical staff and deteriorating patients provided via a mobile monitoring and AV solution. | Early intervention and discharge support using remote support, with care for 3 months after discharge and training to support usage. Early recognition of changes through report facility and remote support to help manage issues | Home monitoring relaying data back to GPs, enabling patients to recover at home, empowering and promoting self-care |

Supporting **patients, hospital wards** and **ICU** clinical staff to deliver **quality care** in hospital and throughout the **continuum of care**

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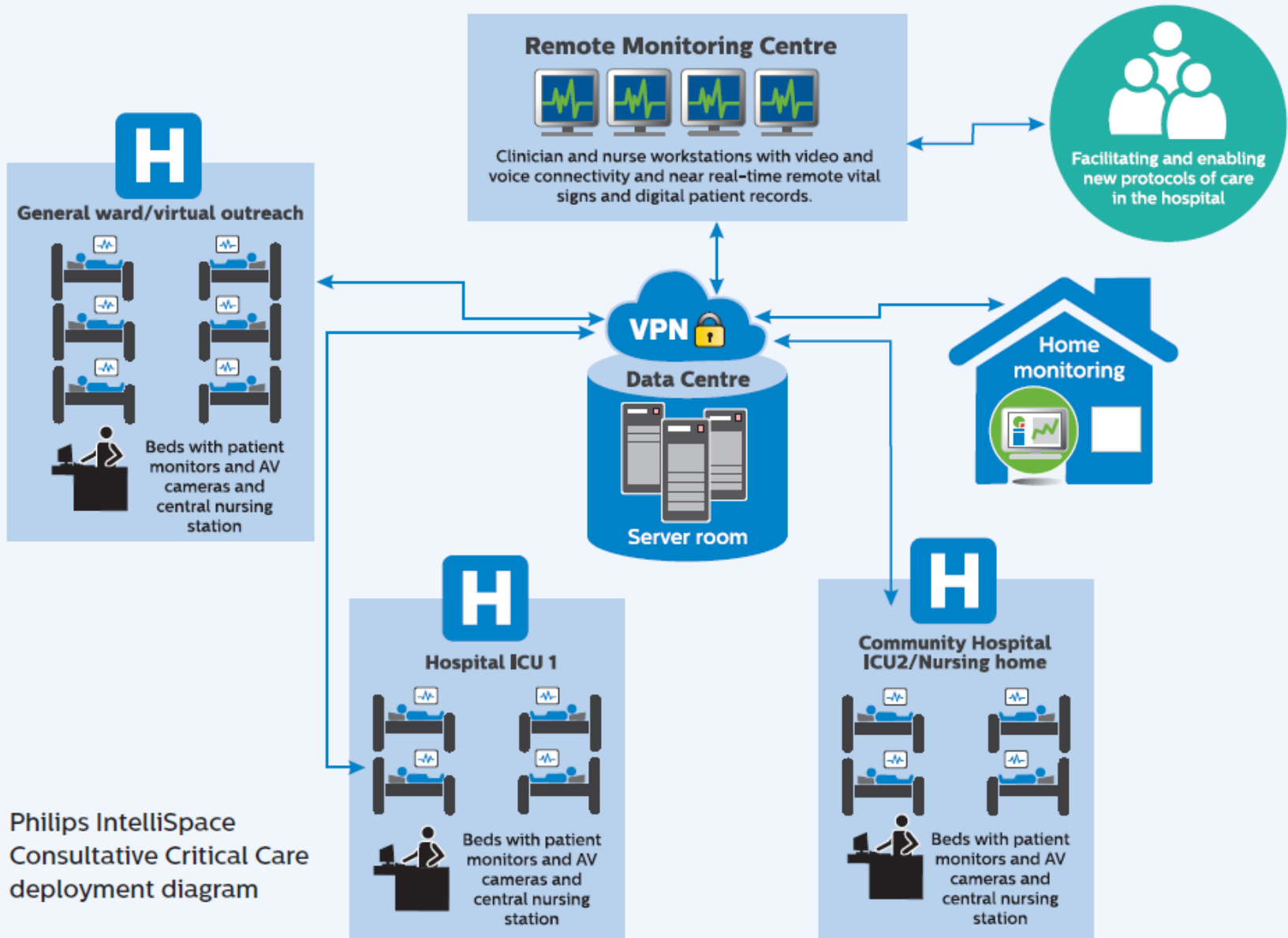# Co-designing pathways and managing change

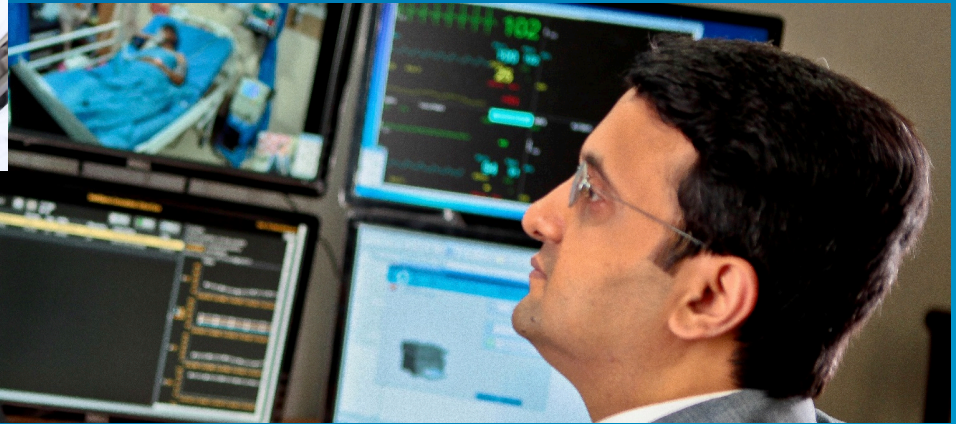|	
	Vision for 'connected care'
	Process layer (inc. activities and workflow)
	Governance, Organisational Structure & Decision Rights
	Enabling IM&T and Products (inc. analytics, technology and systems)
	People & Workforce (capabilities, skills, numbers)

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Philips IntelliSpace Consultative Critical Care deployment diagram

IntelliSpace Consultative Critical Care – Remote
monitoring solution, enabling multiple ITUs to be
monitored on a 24x7 basis from a central hub.

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