NHS Ayrshire & Arran

Research, Development, and Innovation (RID) Strategy

2023-2030

Caring for Ayrshire programme 2020-2030

VISION

The Caring for Ayrshire vision is that care shall be delivered as close to home as possible, supported by a network of community services with safe, effective and timely access to high-quality specialist services for those whose needs cannot be met in the community.

Caring for Ayrshire programme 2020-2030

Our Purpose

We want to work in partnership with our communities and staff to continue to explore new and innovative ways of designing and delivering health and care services. Together we will work with you to achieve the healthiest life possible for everyone in Ayrshire and Arran.

Caring for Ayrshire
key components

1. **Strategic drivers**
2. **Measurable aims**
3. **Focused themes**

Caring for Ayrshire
Strategic Drivers

1. **Changing Demographics**

2. **Shifting Emphasis from Hospital-Based Care**

3. **Ensuring Service Sustainability**

Caring for Ayrshire
Measurable Aims

1. Improving the Health of Individuals
2. Increasing Safety in Procedures
3. Improving Patient Experience
4. Improving Patient Flow Pathways
5. Promoting Positive Workforce Balance

Caring for Ayrshire
Focused Themes

1. **Primary Care**
2. **Care of the Elderly**
3. **Mental Health**
4. **Acute Services**

Caring for Ayrshire from an RDI perspective

From an RDI perspective, to contribute to meaningful **impact**, the organisation **calls for**:

1. **Dedicated Participation:**
   - **Involvement** of all service areas to achieve programme goals.
   - Emphasis on maximising **impact** with existing resources (national context).

2. **Implementation Approach:**
   - Foster the development of **applied** knowledge.
   - Adopt a **flexible**, well-informed strategy to address key strategic drivers.
   - Tackle local and regional challenges **effectively**.

Contribution of RDI
to Caring for Ayrshire's vision and purpose

- Advancing Knowledge

- Improving Patient Care

- Enhancing Patient Safety

- Attracting and Retaining Talent

- Contributing to Breakthroughs

RDI strategy 2023-2030:
Embedded in the Caring for Ayrshire Programme

High quality RDI and **RDI-minded staff** will be an asset to achieving:

- **Commitment to Excellence:**
  - Deliver the highest quality care for individuals and communities in the region.
  - Increase service flexibility to adapt to changing financial and epidemiological contexts.
  - Maintain strict adherence to healthcare policies and guidelines.

They will also be key in:

- **Articulating Knowledge and Innovation to Healthcare Services:**
  - Contribute to maximise return on investments and establish robust knowledge production capabilities.
  - Develop innovative healthcare approaches and identify preventive health measures.
  - Ensure excellence and flexibility in healthcare provision.

RDI Strategy aims

What do we want to achieve?

1. **Foster** RDI activity in the **themes** and strategic **drivers** prioritised in the "Caring for Ayrshire" programme.

2. **Contribute** to the achievement of the "Caring for Ayrshire" measurable **aims.**

3. **Scale up** RDI activity across the organisation by promoting a **research & innovation-driven culture.**

Alignment and Governance of RDI strategy
with Caring for Ayrshire implementation

- **Alignment:**
  - Focus on understanding citizen needs, improving patient outcomes, and coordinating service delivery.
- **Governance:**
  - Ensure robust research governance.
  - Align with national regulations and guidelines.

RDI pillars
1. Strategic Drivers

1. **Changing Demographics**
   1. Address evolving healthcare needs from population changes.
   2. Focus on social determinants of health and health inequalities.

2. **Shifting Emphasis from Hospital-Based Care**
   1. Prioritise health improvement, prevention, and community-based interventions.
   2. Support proactive measures and community approaches to reduce hospital reliance.

3. **Ensuring Service Sustainability**
   1. Identify strategies to optimise resource utilisation, promote efficiency, and maintain care quality.

4. **Limitations of existing infrastructure**
   1. Backlog Maintenance

   2. Inability to Implement New Models of Care
   3. Long Term Investment in Digital & Building Infrastructure

5. **Improving access to health and care services**
   1. System-Wide Demand and Capacity Planning
   2. Improving Patient Outcomes
   3. Understanding the Needs of Our Citizens

6. **Supporting regional work**
   1. Improving Access to Tertiary Care
   2. Co-ordinated Service Delivery

RDI pillars
2. Focused Themes

- **Primary Care**
  Develop innovative solutions to enhance community-based care and preventive measures.

- **Care of the Elderly**
  Improve care quality and support for the ageing population through targeted research and innovations.

- **Mental Health**
  Address mental health challenges with new treatments and support strategies.

- **Acute Services**
  Enhance acute care services with cutting-edge research and improved procedures.

RDI pillars
3. Measurable Aims

1. Improve the Health of Individuals

Objectives:

- **Innovation:** Contribute meaningful knowledge to the creation of new services, techniques, and tools in healthcare.

- **Research:** Promote both commercial and non-commercial studies in priority areas.

- **Financial Sustainability:** Enhance the financial viability of RDI services.

2. Increase Safety

Approach:

- **Safety Integration:** Incorporate safety improvements as a possible theme into research and innovation projects.

3. Enhance Patient Experience

Engagement:

- **User Involvement:** Encouraging, when possible, active involvement of service users in RDI project implementation and dissemination.

4. Improve Patient Flow Pathways

Focus:

- **Operational Investigation:** Promote development of RI projects to examine and enhance patient flow and operational aspects of service delivery.

5. Balance Workforce Supply/Demand

Strategies:

- **Training and Mentoring:** Create opportunities for RDI training and staff involvement.

- **Workforce Development:** Address supply and demand challenges through effective RDI training and mentoring activities.

RDI pillars
4. Research Culture

1. **Training, networking and funding opportunities**

   Identify, connect, disseminate and encourage opportunities for research training, activities, funding and development.

1. **Research & Innovation Fund**
   Establish a fund to support ongoing and future RDI projects.

2. **Research & Innovation Mentoring Scheme**
   Develop a programme to support and mentor staff.

3. **Protected Research Time**
   Ensure dedicated time for staff involved in research for projects and training.

Operational Goals, Challenges, and Actions for RDI in 'Caring for Ayrshire'

Protected Research Time for Healthcare Staff

- **Importance of Protected Time:**
  - Advance healthcare knowledge and improve patient outcomes.
  - Facilitate evidence-based practice.
  - Support professional development and networking opportunities.

- **Implementation:**
  - Allocate specific periods in job plans for research activities.
  - Provide access to resources, mentorship, and support for staff.
  - Ensure research time is awarded based on evidence of activity and impact.

Dimensions of the RDI strategy: RDI as a driving force in the **Caring for Ayrshire Programme** (aims 1, 2) and **Sustainability** (aim 3)

RDI AS A DRIVING FORCE IN CARING FOR AYRSHIRE

1. **Knowledge Creation**
   Contribute to developing knowledge that supports the measurable aims of the "Caring for Ayrshire" programme.

2. **Regional Focus**
   Address regional strategic drivers and the population's healthcare needs through targeted research themes.

SUSTAINABILITY

1. **Sustainable Income**
   Secure funding that sustains the service and enhances RDI staff satisfaction and retention, maximising impact.

2. **Research Engagement**
   Foster a culture where research is actively thought about, discussed, and practised throughout the organisation.

Q & A

Thanks!