



New ideas our research and innovation strategy

Royal Hospital for Neuro-disability 18 Aug 2022 DRAFT



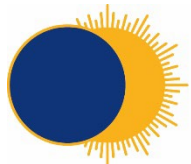
Insights

Build on our strengths

Purpose

Capability

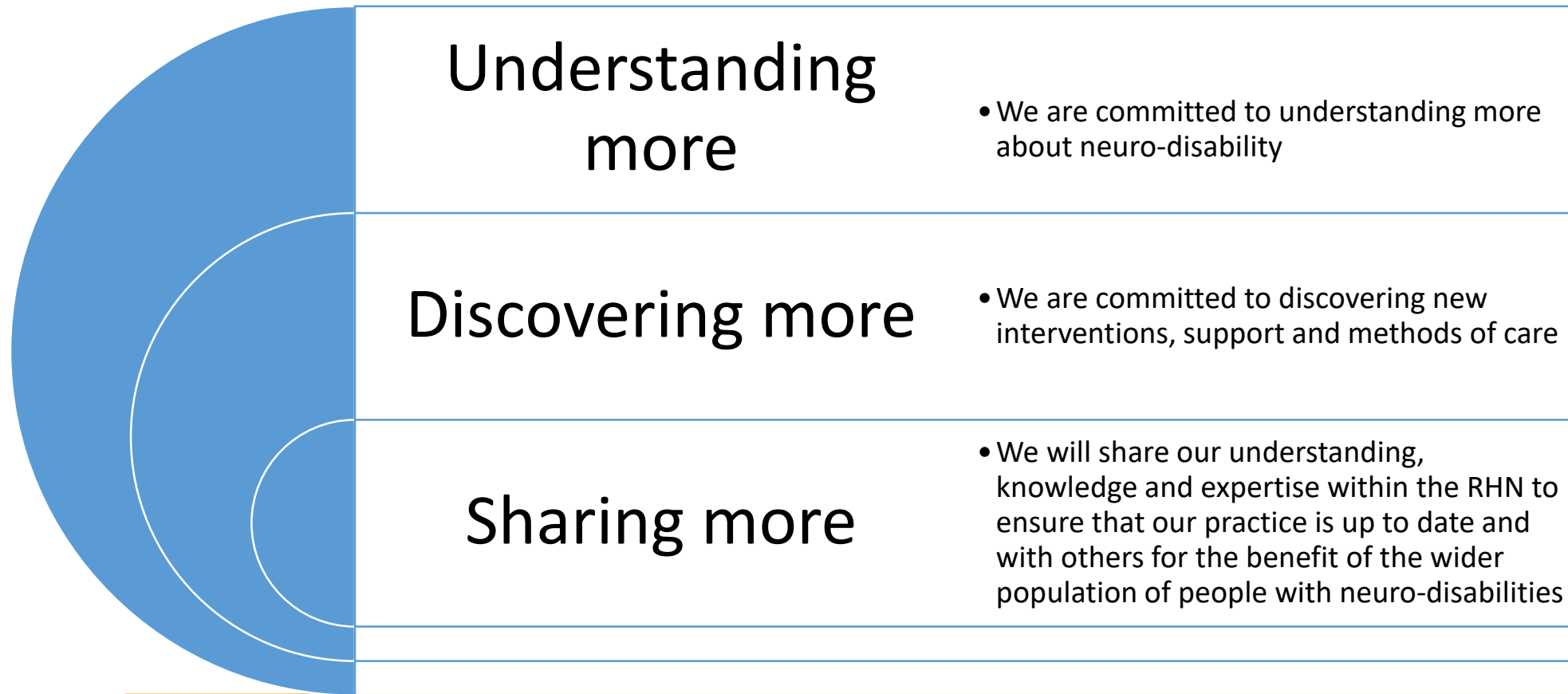
Focus



Royal Hospital for Neuro-disability

A national medical charity

Our research and innovation priorities



Royal Hospital for Neuro-disability

A national medical charity

A culture of curiosity

Our people

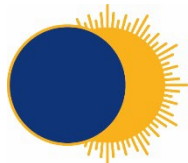
- Everyone at the RHN is aware of the value of research. They know how research helps us to understand more about neuro-disability and how it enables us to provide the best innovations, care and support

Our clinical teams

- Our clinical teams provide the most up to date interventions, support and care by interpreting and applying the latest research findings to their practice

Our research teams

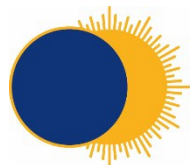
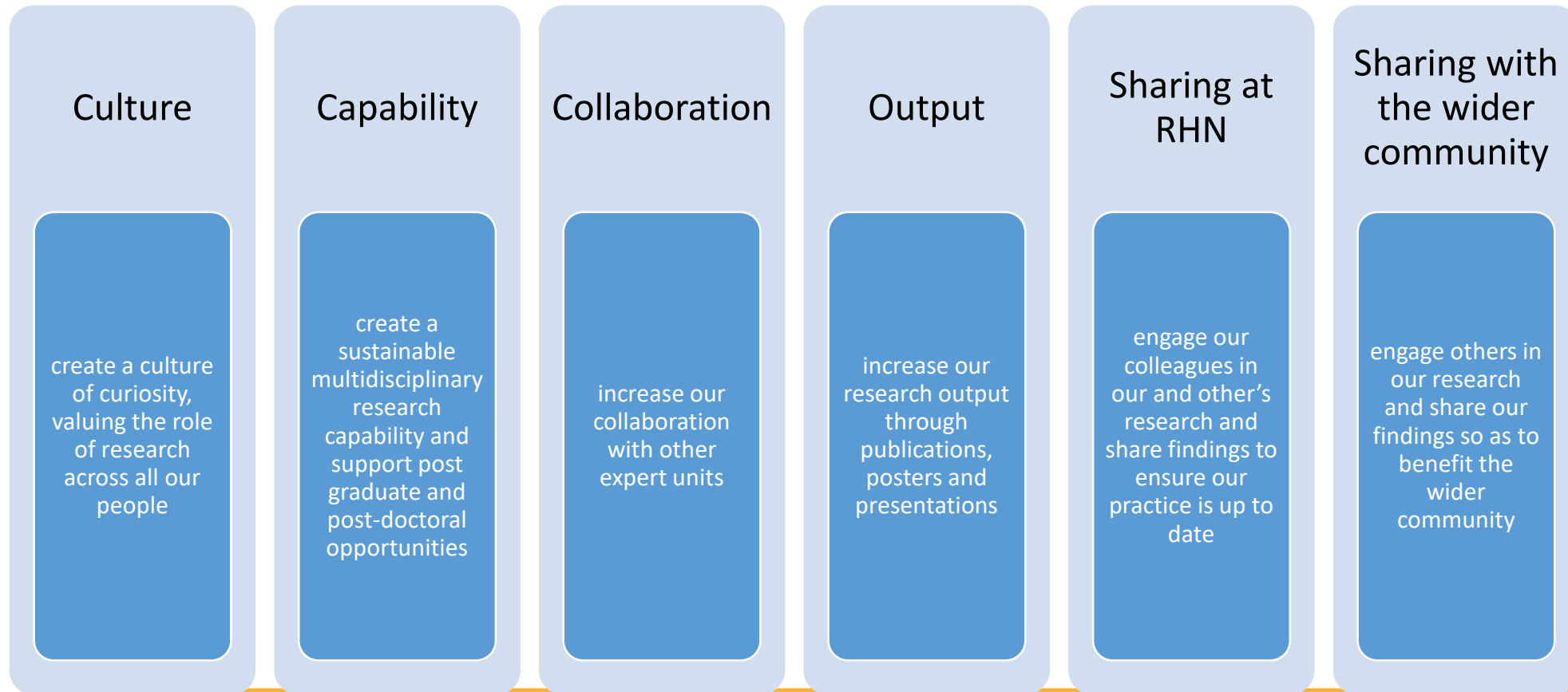
- By undertaking projects and studies our research teams discover more about neuro-disabilities and the best interventions, support and care



Royal Hospital for Neuro-disability

A national medical charity

We will



Royal Hospital for Neuro-disability

A national medical charity

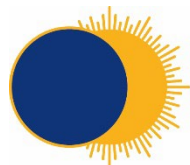
Our focus

Our focus is on areas where
**there is potential benefit for our patients and residents and
we are recognised for our expertise**

Our programmes

- disorders of consciousness
- long term ventilator support
- service and technology innovation
- oral health and dental care

We will also undertake
research and innovation in
other areas of relevance to
our services



Royal Hospital for Neuro-disability

A national medical charity

Our research and innovation programmes

Disorders of consciousness

We are curious about the nature of consciousness and how this is affected by neurological injury.

We will explore methods of assessment and monitoring and the effect of interventions, support and care.

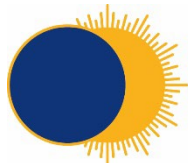
We will investigate prognosis, comorbidities and the quality of life of people with disorders of consciousness and the impact on families and staff.

Long term ventilatory support

We want to know more about the impact of long term ventilator support for people with neurological disabilities.

We will explore methods of assessment and monitoring and the impact of interventions, support and care.

We will look at prognosis, comorbidities and quality of life of people who receive long term ventilator support and the impact on families and staff.



Our research and innovation programmes

Innovation

We are committed to exploring new ways of delivering interventions, support and care for patients and residents.

We will assess the impact of innovative pathways and service models.

We will explore the use of new technologies which might assist people with complex disabilities to live fulfilling lives.

Oral health

We have a interest in the oral health and dental care of people with complex disabilities.

We will assess the impact of neurological disability on oral health and the links to general health.

We will develop innovations to improve how dental care is delivered to people with neurological disabilities in an effective and person-centred way.



Royal Hospital for Neuro-disability

A national medical charity

How does this fit into our clinical strategy?



Professional

- Nursing
- Allied Health Professionals
- Medical
- Dental



New ideas

- Research
- Technical innovation
- Service innovation
- National policy



Services

- Specialist Nursing Home
- Brain Injury Service
- Services for people with prolonged disorders of consciousness
- Neuro-behavioural Service
- Ventilation Service
- Services for Young adults
- Assistive technology



Royal Hospital for Neuro-disability

A national medical charity