

JAMIESON TRAUMA INSTITUTE STRATEGIC GOALS FOR 2032



Royal Brisbane and Women's Hospital Metro North Hospital and Health Service



JAMIESON TRAUMA INSTITUTE

Named after renowned neurosurgeon Dr Kenneth Jamieson, the Jamieson Trauma Institute was established in 2018 and represents a unique collaboration of service partners striving to advance trauma prevention, research, systems, and clinical management, with the overall aim of delivering the best possible care to people suffering traumatic injuries across Queensland. The Jamieson Trauma Institute has 8 key themes. Each theme has put together short term, mid term and 2032 goals which will align with the MN32 #NEXTCARE timeline.

QUALITY OF CARE AND PROCESSES

SHORT TERM

and innovation

Enhance the efficiency of trauma management through research

MID TERM All major trauma centres to have

formal trauma admitting units Endorsed plan for a fully integrated digital platform for state-wide trauma

management

Establishment of Clinical Navigator and network

DATA OUALITY AND ANALYTICS

SHORT TERM

With our partners, use data analytics to improve state-wide trauma prevention and management

Primary developer and user of Oueensland Trauma Data Warehouse

Recognised expert, and primary contact for data analytics and valuebased care research in trauma

MID TERM

Leader in digital health technology developments in trauma at State, National and International levels

Internationally recognised expert in

care provided.

digital trauma data solutions, capacity building & tool development

REHABILITATION AND OUTCOME MEASUREMENT

SHORT TERM

biofabrication and innovative

Undertake trials using

solutions to improve

rehabilitation outcomes

MID TERM

Rehabilitation medicine to form part of basic medical training across QLD

Establish smarter outcome measurement tools

Rehabilitation plans integrated into standard practice in early acute trauma

2032

2032

Virtual technology innovation to

deliver the best trauma care across

management

QLD

VIRTUAL TRAUMA CENTRE

SHORT TERM

MID TERM

Augmented reality (AR) in clinical use in OLD

Virtual reality (VR) system implemented and ready for impact analysis

Resilient and sustainable AR/VR developed for resource-limited environments

AR/VR technology to support training and disaster management

CLINICAL TRIALS

SHORT TERM

Enhance recruitment in existing clinical trials at RBWH **MID TERM**

Jamieson Trauma Institute to be a trial coordinating and training centre

Internationally recognised for clinical trials in trauma

2032

implementation science included in all clinical trials





DIAGNOSTICS AND INNOVATION

SHORT TERM

Develop local innovation pipeline for medical devices to improve trauma care

Establish strong partnerships with innovators to foster new diagnostics in trauma

MID TERM

First product development through the local innovation pipeline

First new diagnostics tool in trial

Nationally recognised partner for medical device development in trauma care

2032

First medical product developed from within Metro North HHS

A further five products in development

Internationally recognised innovation partner

2032



Establish an Interventional Telehealth Committee

built QLD Health solutions

Defense Force, Telehealth Support Unit (Queensland Health) and other important stakeholders throughout Queensland and Australia

Trauma patients in QLD receive optimal, world-class care, with best possible quality of life outcomes.

Develop and implement custom-

Collaborations with the Australian

2032

Patients and families are supported

to be shared decision-makers in the

EDUCATION AND TRAINING

SHORT TERM

Lead the delivery of world-class trauma care training, including Trauma TRAPS, telemedicine and trauma coordination nurse courses

Investigate leading-edge simulation training platforms and scenarios to improve trauma outcomes

MID TERM

Deliver conferences and workshops which improve trauma care

Partnerships with state-wide clinical networks for the delivery of trauma clinical guidelines 2032

State of the art Centre of Simulation and Telemedicine Training

Jamieson Trauma Institute online journals

Internationally renowned Jamieson Trauma Institute Conference

INJURY PREVENTION

SHORT TERM

Jamieson Trauma Institute knowledge hub to be the 'go-to' for injury and trauma information

MID TERM

Establish post-grad research program spanning primary, secondary & tertiary prevention

Establish mechanisms for data surveillance & emerging injury patterns

Establish a grant track record in injury prevention

2032

Established track record in injury prevention research

Be recognised consultants to government on injury prevention

Hold strong relationships with national and international leaders in injury prevention

Please contact us if you have any questions, suggestions for projects, collaborations or partnerships.

Your JTI Team

Contact us

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