

# infective endocarditis Queensland [ieQ]

## Synopsis and Funding Support introduction

ieQ is a Prince Charles Hospital initiative to establish Australia's first clinical and research collaborative supporting improved outcomes for patients with infective endocarditis.

Established in 2017, and facilitated by a Metro North SEED Grant and extensive clinician in-kind support, the collaborative has established a multi-faceted structural platform. In May 2018, the Collaborative received additional support from The Prince Charles Hospital Foundation "The Common Good", supporting the program until mid-2020.

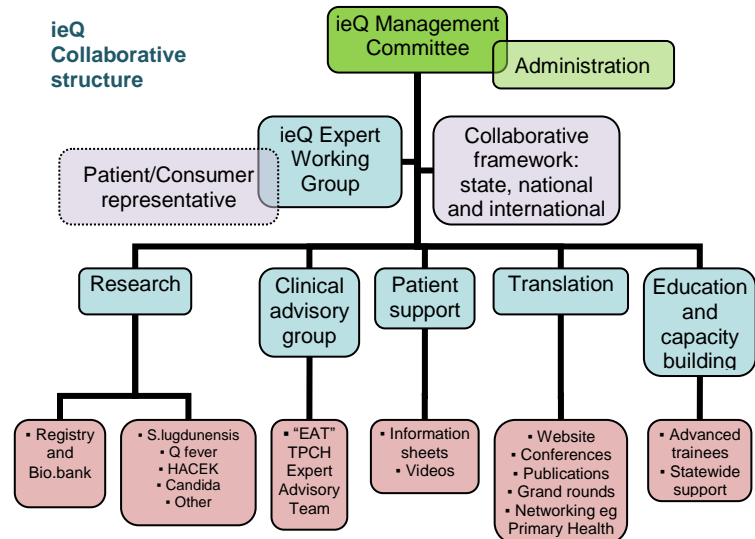
## Why?

Infective Endocarditis [IE] is a relatively rare condition in general practice, but is more common in cardiothoracic referral hospitals such as The Prince Charles Hospital. This condition affects dozens of Queenslanders per year, many requiring open-heart surgery. At least 1 in 10 Queenslanders with this disease will die from it and many more will suffer serious consequences affecting their quality of life. At TPCH, we admit and treat an estimated 60-80 patients with infective endocarditis every year.






Because of the relative rarity of this condition, little is actually known about it. All current guidelines are international, and none specific to Australia. Our leads, representing TPCH, are part of a global effort to expand knowledge about this condition.

## How?

- Under a clinical and research framework, ieQ aims to improve understanding, in an Australian context, of this disease.
- By having an established expert working group across multiple disciplines, with an affiliated patient/consumer representative, we'll optimise education, research and translational opportunities.
- With a focus on parallel clinical engagement and provision of an Expert Advisory Team [initially localised to TPCH but planned to expand state-wide], we can support front-line, evidenced-based, patient care.
- The enabling of the IE Registry and Biobank [HREC/15/QPCH/60] is the first of its kind in Australia, and is anticipated to provide a strong repository for a broad spectrum of future research endeavours, from biomarkers through to genetics, and epidemiology through to health service utilisation.



### Infective Endocarditis [IE]

-  Inflammation of the endocardium, primarily on the heart valves.
-  Vegetations, caused by bacterial colonisation, can develop on damaged valves.
-  At least **1 in 10** Queenslanders with this disease will die from it.
-  There is little evidenced-based research known about it.
-  Dedicated IE research programs will support improved patient management and outcomes.

## What donation can support:

Philanthropic donation can support **key enabling features** of the ieQ collaborative:

- administrative and manager position
- translational costs: [website, publication fees, etc]
- bio.bank pathology samples collection
- education eg seminars

## All interest and queries are welcome.

Please contact ieQ direct via [ieQ@health.qld.gov.au](mailto:ieQ@health.qld.gov.au) or via the Chair:

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Chairperson, ieQ Collaborative

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**THE COMMON GOOD**  
THE PRINCE CHARLES HOSPITAL FOUNDATION

