



Facts:

- Up to 20% of adults admitted to hospital are diagnosed with AKI as their primary diagnosis.
- Hospitalisations with AKI as the primary diagnosis are increasing by an average of 6% each year.

Background:

- Acute kidney injury (AKI) is caused by damage to the kidneys and results in a loss of function.
- The body becomes unable to remove waste products, causing increased toxins in the blood, and impacts people's quality of life.
- The majority of AKI is diagnosed outside the intensive care unit (ICU) due to physical injury to the kidneys, kidney stones, infection, medication use or dehydration.
- Limited research has been done on this patient population, despite instances of AKI increasing on a yearly basis.

Aims:

- Describe the characteristics of people diagnosed with AKI outside the ICU setting.
- Identify risk factors associated with AKI when diagnosed outside the ICU.

Methods:

- PERFORM-AKI is a multicentre, prospective study, involving five kidney services across NSW, Australia.
- Participants include those aged 18 years or older, diagnosed outside ICUs with AKI, and are under the care of a participating kidney service.
- Data will be collected between January 2021 and December 2023.
- Real-time data will be collected from medical records, including the incidence, risk factors, treatments, and clinical outcomes.

Impact:

- PERFORM-AKI will provide descriptive information regarding people diagnosed with AKI outside of ICUs and help identify risk factors to assist clinicians in management of this patient population.



Project Cycle:

2020–2024

Partners:

The George Institute Australia

Supporters:

Australian kidney services

The George Institute Australia

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