

## Strategy for Uptake of Processes for Recognizing and Responding To Acute Kidney Injury

### The Problem:

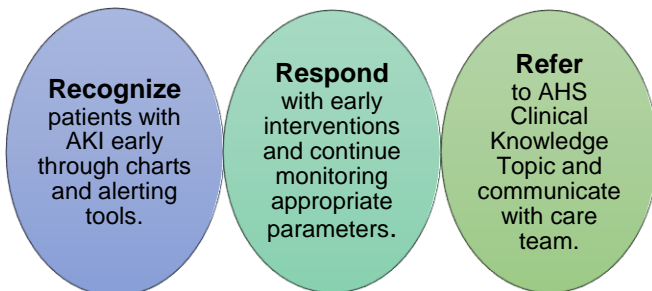
Acute kidney injury (AKI) is a common complication in hospital, as provincial data shows:

- Incidence of 1 in 10 hospitalized patients
- Associated with long-term risks of kidney failure requiring dialysis and mortality
- Increases length of hospital stay and costs of care

AKI is often reversible with early recognition and management.

### What is SUPPORT AKI?

- A clinical decision support initiative
- Processes will be implemented to:



### Who is the target population?

- Patients 18 years or older, not receiving dialysis
- Onset of acute kidney injury in hospital

### What are the SUPPORT AKI resources?



Computerized and non-electronic tools will alert clinical staff when patients develop AKI on targeted surgery and medical units.



Clinical decision support resources are available to manage AKI using fluid therapies and in making appropriate medication prescribing decisions.



Additional guidance on monitoring, testing, and specialist consultation for AKI is available in the Alberta Health Services Clinical Knowledge topic on AKI, available at:

<http://insite.albertahealthservices.ca/assets/klin/et-klink-ckv-acute-kidney-injury-adult-inpatient.pdf>

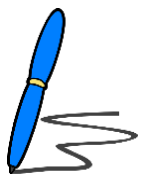
### What are goals of the initiative?

#### Trigger Early Processes of Care for AKI:

- Prompt goal directed fluid therapies
- Guide medication management

#### Reduce Adverse Outcomes:

- Reduce progression of AKI and downstream health consequences
- Reduce length of hospital admissions and costs



### Study inquiries or feedback about the tools and processes?

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