

NATIONAL INSTITUTE FOR HEALTH AND CARE EXCELLENCE

Guideline scope

Acute kidney injury: prevention, detection and management (update)

This guideline will update the NICE guideline on acute kidney injury (CG169).

The guideline will be developed using the methods and processes outlined in [developing NICE guidelines: the manual](#).

1 Why the update is needed

New evidence that could affect recommendations was identified through the surveillance process. Topic experts, including those who helped to develop the existing guideline, advised NICE on whether areas should be updated or new areas added. Full details are set out in the [surveillance review decision](#).

Why the guideline is needed

Please see the [original guideline scope](#).

2 Who the guideline is for

This guideline is for:

- healthcare professionals
- commissioners and providers of NHS healthcare services
- people with or at risk of acute kidney injury and their families and carers.

NICE guidelines cover health and care in England. Decisions on how they apply in other UK countries are made by ministers in the [Welsh Government](#), [Scottish Government](#) and [Northern Ireland Executive](#).

Equality considerations

NICE carried out [an equality impact assessment](#) during development of the original guideline. The assessment:

- lists equality issues identified, and how they have been addressed
- explains why any groups are excluded from the guideline.

3 What the updated guideline will cover

3.1 Who is the focus?

Groups that will be covered

- All adults and children over 1 month.

Specific consideration will be given to:

- older patients (65 years and older)
- people at high risk of developing acute kidney injury such as people with chronic kidney disease and urological disorders.

3.2 Settings

Settings that will be covered

All settings where NHS funded care is provided.

3.3 Activities, services or aspects of care

Key areas that will be covered in this update

We will look at evidence in the area below when developing this update. We will consider making new recommendations or updating existing recommendations in this area only.

- 1 Preventing acute kidney injury in adults having iodinated contrast agents.

Proposed outline for the guideline

The table below outlines all the areas that will be included in the guideline. It sets out what NICE plans to do for each area in this update.

Area in the guideline	What NICE plans to do
Section 1.1 Assessing risk of acute kidney injury	No evidence review: retain recommendations from existing guideline
Section 1.2 Preventing acute kidney injury	Recs 1.2.1 to 1.2.6 Ongoing assessment of the condition of patients in hospital: No evidence review: retain recommendations from existing guideline Recs 1.2.7 to 1.2.9 Preventing acute kidney injury in adults having iodinated contrast agents: Review evidence and update existing recommendation as needed Recs 1.2.10 to 1.2.13 Monitoring and preventing deterioration in patients with or at high risk of acute kidney injury: no evidence review: Retain recommendations from existing guideline
Section 1.3 Detecting acute kidney injury	No evidence review: retain recommendations from existing guideline
Section 1.4 Identifying the cause(s) of acute kidney injury	No evidence review: retain recommendations from existing guideline
Section 1.5 Managing acute kidney injury	No evidence review: retain recommendations from existing guideline
Section 1.6 Information and support for patients and carers	No evidence review: retain recommendations from existing guideline

Recommendations in areas that are being retained from the existing guideline may be edited to ensure that they meet current editorial standards, and reflect the current policy and practice context.

Related NICE guidance

Published

- [Memokath-051 stent for ureteric obstruction](#) (2018) NICE Medical technologies guidance MTG35
- [Chronic kidney disease in adults: assessment and management](#) (2014) NICE guideline CG182
- [Intravenous fluid therapy in adults in hospital](#) (2013) NICE guideline CG174
- [Acutely ill adults in hospital: recognising and responding to deterioration](#) (2007) NICE guideline CG50
- [Nutrition support for adults: oral nutrition support, enteral tube feeding and parenteral nutrition](#) (2006) NICE guideline CG32

NICE guidance that will be updated by this guideline

- [Acute kidney injury: prevention, detection and management](#) (2013) NICE guideline CG169

NICE guidance about the experience of people using NHS services

NICE has produced the following guidance on the experience of people using the NHS. This guideline will not include additional recommendations on these topics unless there are specific issues related to acute kidney injury:

- [Medicines optimisation](#) (2015) NICE guideline NG5
- [Patient experience in adult NHS services](#) (2012) NICE guideline CG138
- [Service user experience in adult mental health](#) (2011) NICE guideline CG136
- [Medicines adherence](#) (2009) NICE guideline CG76

3.4 Economic aspects

We will take economic aspects into account when making recommendations. We will develop an economic plan that states for each review question (or key area in the scope) whether economic considerations are relevant, and if so whether this is an area that should be prioritised for economic modelling and analysis. We will review the economic evidence and carry out economic analyses, using an NHS, public sector and other perspectives, as appropriate.

Key issues and draft questions

While writing the scope for this updated guideline, we have identified the following key issues and draft questions related to them:

- 1 Preventing acute kidney injury in adults having iodinated contrast agents
 - 1.1 What is the clinical and cost effectiveness of N-acetylcysteine and/or fluids in preventing contrast induced-acute kidney injury in adults at risk of contrast induced AKI?

The key issues and draft questions will be used to develop more detailed review questions, which guide the systematic review of the literature.

3.5 *Main outcomes*

The main outcomes that may be considered when searching for and assessing the evidence are:

- Mortality
- Need for renal replacement therapy
- Length of hospital stay
- Health-related quality of life

4 NICE quality standards and NICE Pathways

4.1 *NICE quality standards*

NICE quality standards that may need to be revised or updated when this guideline is published

- [Acute kidney injury](#) (2014) NICE quality standard 76

4.2 *NICE Pathways*

When this guideline is published, we will update the existing NICE Pathway on [acute kidney injury](#). NICE Pathways bring together everything NICE has said on a topic in an interactive flowchart.

5 Further information

This is the final scope.

The guideline is expected to be published in December 2019.

You can follow progress of the [guideline](#).

Our website has information about how [NICE guidelines](#) are developed.

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