

ACUTE KIDNEY INJURY - AKI

The Biochemistry laboratory notifies users when a significant increase in creatinine concentration is measured. This is as a result of NHS England's detection algorithm, which has been implemented in most path labs' information management systems across the country. The result, called 'AKI Warning Stage' (AKI stage 1, 2 or 3) will be delivered directly to the GP clinical IT system alongside the serum creatinine result.

Help is at hand in managing these results, which are likely to be small in number (1 alert per whole time GP per 1-2 months). Think Kidneys has produced a number of resources to help decide the appropriate response to the test result and to help establish a process for timely communication of the test results to both in and out of hours primary care services.

In general for requests originating in primary care the advice is as follows:

Patients 18 years and above

Results suggest AKI stage 1	Consider clinical review within 72hrs, or sooner in the context of acute illness.
Results suggest AKI stage 2	Consider clinical review within 24hrs or immediately in the context of acute illness.
Results suggest AKI stage 3	Consider urgent clinical review or admission to ED

Paediatrics

Where results suggest AKI warning stage 1, 2 or 3 in patients <18 years (excluding known CKD) please refer patients immediately to ED for assessment.

If you would like an immediate discussion in hours with a consultant a Paediatric Consultant is available at Basildon Hospital on 01268 524 900 x **7273** which is covered from 0900-2100.

Think Kidneys has developed a range of resources specifically for primary care. The links below will provide members of the multidisciplinary team caring for people with, or at risk of AKI with information and guidance on how to respond. The aim is to improve safety and outcomes for patients.

The resources can be accessed on the following website:

<https://www.thinkkidneys.nhs.uk/aki/resources/primary-care/>

Patient information leaflets are also available and can be accessed here:

<https://www.thinkkidneys.nhs.uk/aki/resources/primary-care/>

References

www.thinkkidneys.nhs.uk/aki

<https://www.thinkkidneys.nhs.uk/aki/wp-content/uploads/sites/2/2016/02/Think-Kidneys-Resources-for-Primary-Care-Managing-Acute-Kidney-Injury-Warning-Stage-Test-Results-1-1.pdf> (accessed 01/06/2018 17:00)