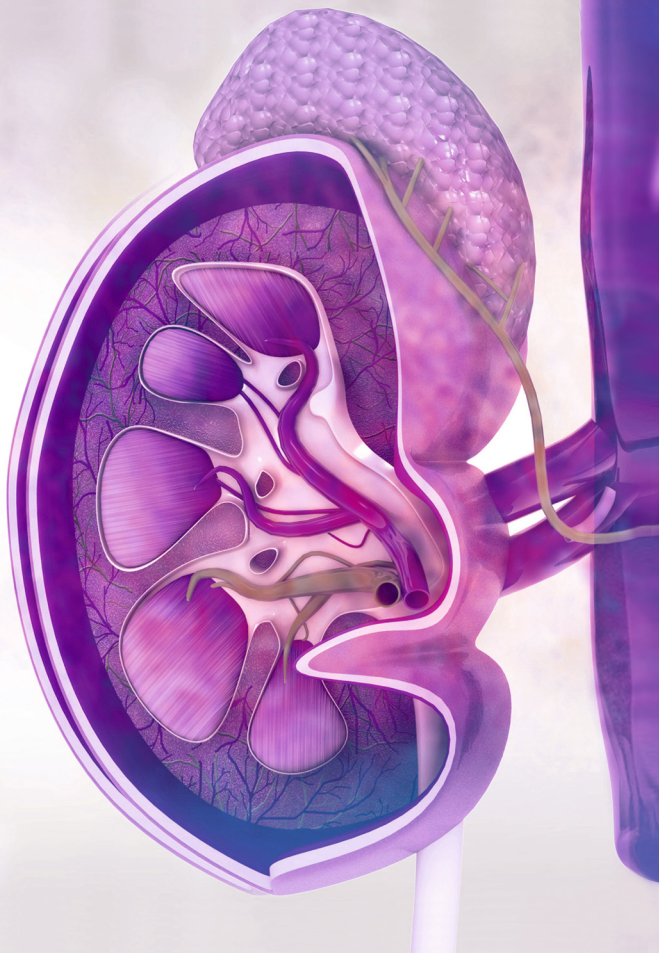




sphingotest® penKid

A Marker for Acute Kidney Dysfunction

Prediction, Diagnosis and Monitoring
of Acute Kidney Injury

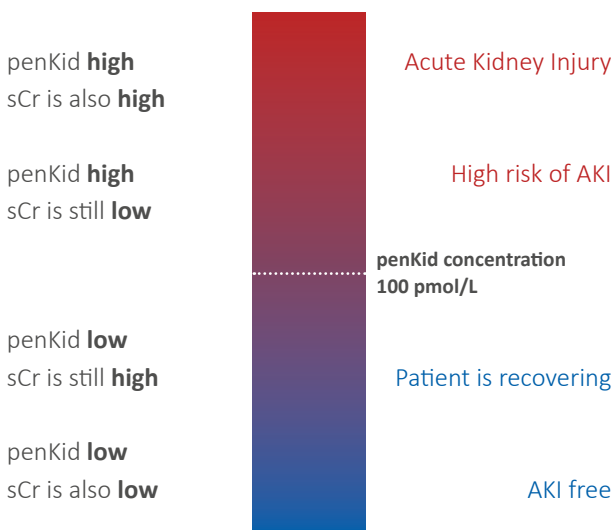
To predict, diagnose and monitor Acute Kidney Injury

sphingotest® penKid is an immunoassay suitable for clinical routine that measures the plasma level of penKid.

penKid is a stable surrogate marker for the instable Enkephalin.

Enkephalins are highly expressed in the kidney and indicate the actual kidney status, allowing early prediction, diagnosis and monitoring of Acute Kidney Injury (AKI).

Simple validated cut-off



To assess kidney function in all clinical settings

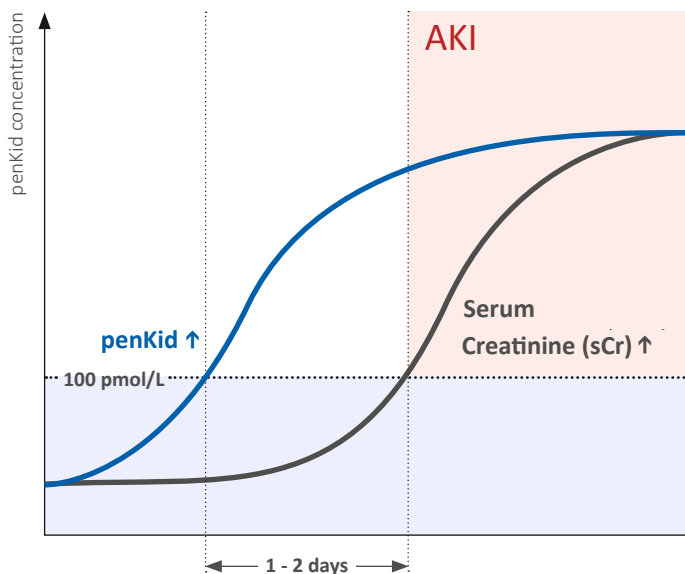
The level of penKid rises up to two days before serum creatinine (sCr) and can be used to predict, diagnose and monitor Acute Kidney Injury in critically ill patients, e.g. in

- Sepsis/Septic Shock
- Acute Heart Failure
- Acute Myocardial Infarction

penKid supports physicians in vital medical decisions, such as

- the use of nephrotoxic drugs
- renal replacement strategies

Prediction and diagnosis

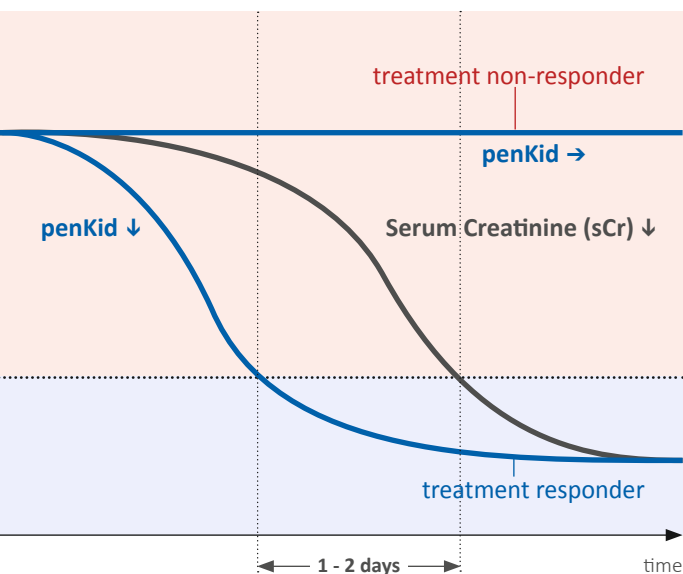


To improve AKI management and hospital outcomes

The level of penKid also declines up to two days before creatinine, making it possible to detect earlier that the medical treatment is successful and thereby supporting patient management and discharge decision.

In contrast to other kidney markers, penKid correlates with the severity of AKI, and is not influenced by systemic inflammation or comorbidities.

Monitoring



sphingotest[®] penKid:

An early window to the kidney for AKI clinical decision making

Reliable

- Worldwide validated in ten-thousands of patients
- Simple and robust cut-off
- Independent of comorbidities and inflammation

Practical

- Blood e.g. plasma as sample matrix
- Stable at room temperature
- 1 hour to result

Valuable

- Prediction of Acute Kidney Injury supports decision on the use of nephrotoxic drugs and renal replacement strategies
- Close monitoring of kidney function supports patient management and discharge decision

sphingotest®

acute biomarkers



Early prediction for early intervention



Close monitoring for discharge decision



Unaffected by comorbidities
and inflammation



Simple and robust cut-off



Easy handling of blood samples

sphingotest® bio-ADM

Prediction, Diagnosis and Monitoring
of Acute Circulatory Failure e.g. in Sepsis and
Incomplete Decongestion in Acute Heart Failure

sphingotest® penKid

Prediction, Diagnosis and Monitoring
of Acute Kidney Injury

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