Diagnostic Test for Acute Kidney Injury

**OCR Number:** OCR 5475

**Description:**

- In the US alone, there are at least 17 million cases of acute kidney injury (AKI) in hospitalized patients each year.
- This diagnosis is associated with a high mortality rate of 45-80%.
- YKL-40 is a protein-based biomarker for renal disease and a predictor of kidney allograft success.
- This diagnostic test can rapidly identify patients who are at greatest risk of sustained renal failure and in need of subsequent dialysis.

![Graphs showing Urine and blood YKL-40 values over time after transplant](image)

Urine and blood YKL-40 values increase dramatically in kidney transplant patients with delayed graft function (DGF) compared to those with slow (SGF) and immediate graft function (IGF).

**Publications:**


**Licensing Contact:** John Puziss
john.puziss@yale.edu