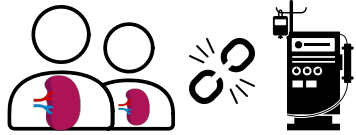


Predicting Dialysis Independence after Acute Kidney Injury



BioMaRK: CJASN. 2011; 6:1815-1823 | Kaiser: KIR. 2019; 4:571-581

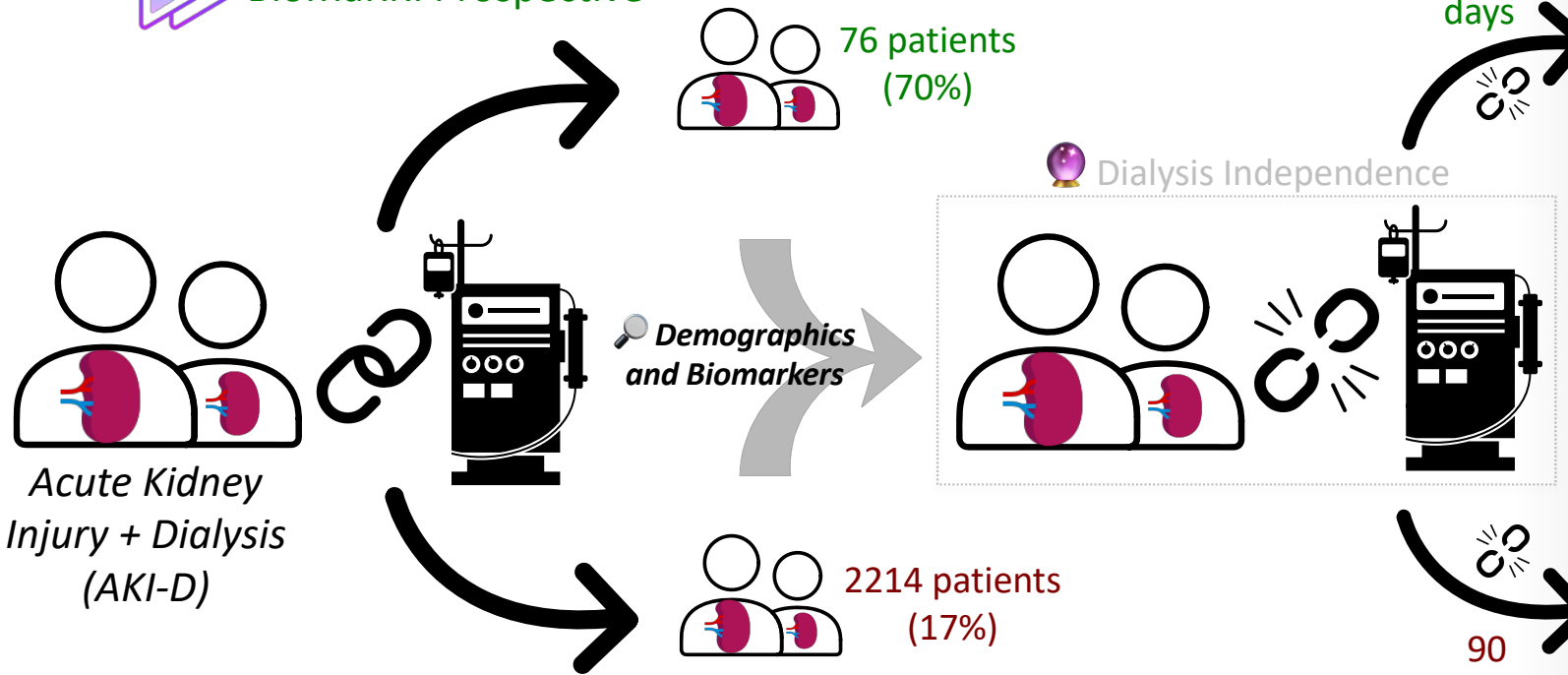
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 twitter.com/i/moments/1057661851759230978







~5 years

 BioMaRK: Prospective



Predictors

-  • Charlson comorbidity index
 - APACHE II score
 - Cystatin C
 - NGAL
 - IL-18
 - HGF
- 60 days 
-  • Heart failure
 - Liver failure
 - Diabetes
 - Hemoglobin < 12
 - Platelet > 150K
 - eGFR ≥ 30
- 90 days 

- Small sample size and poor discriminatory properties
 - Best renal recovery probability = ~53%
- Biomarker trend more predictive than single point-in-time values
- Urinary biomarkers not readily available



- Prediction models difficult to create with readily available tests
- Experimental urinary biomarkers required to predict dialysis independence