



BUN/Creatinine Ratio Less To Twelve Predicts Acute Tubulointerstitial Nephritis In Acute Kidney Injury

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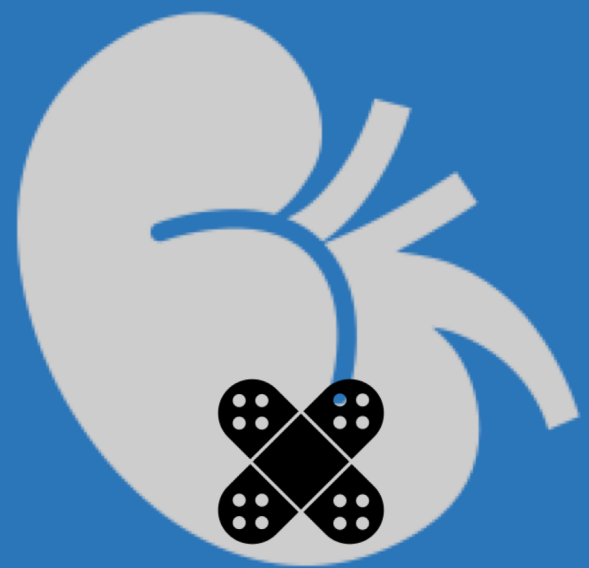


Does a BUN/creatinine ratio <12 predicts AIN in AKI?



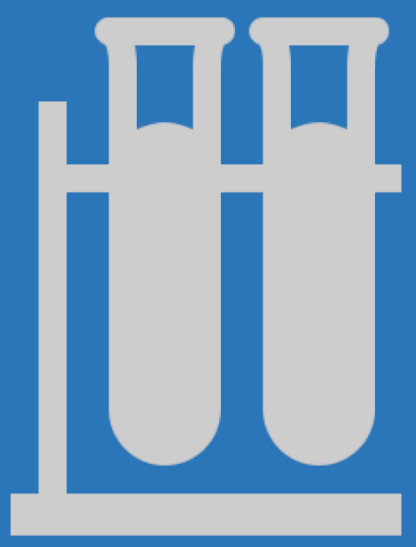
Prospective, nonrandomized, proof-of-concept clinical trial.

Methods

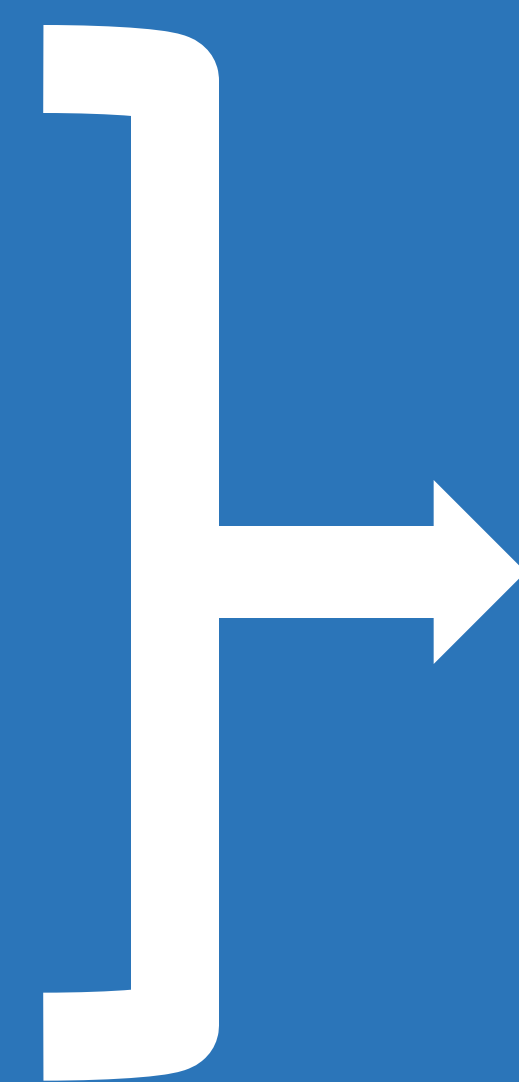


Acute Kidney Injury (AKI)

⊘ Pre-renal, Post-renal



BUN / Cr < 12



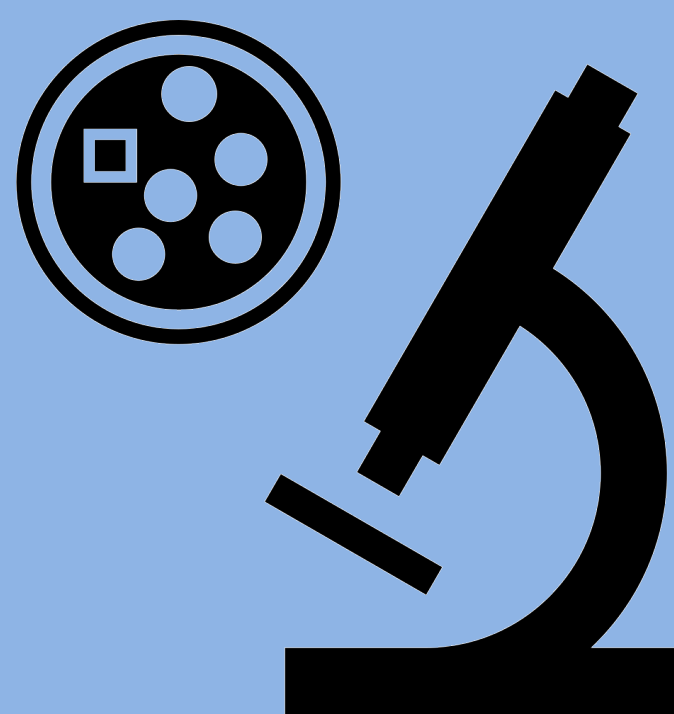
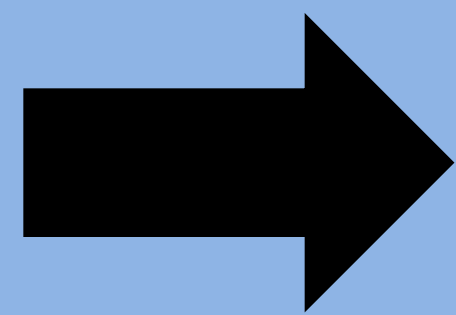
Kidney Biopsy

N=42

Results



BUN / Cr < 12



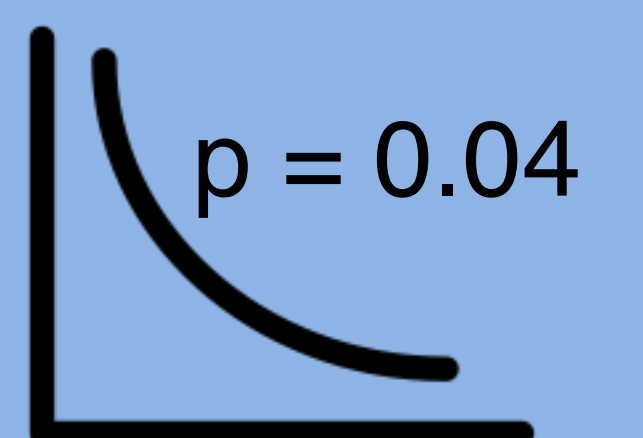
AIN +

OR 14

(95% CI 2.6-75.7)
 $p = 0.0021$

*Independent factor multivariate analysis

AUC 0.7



Conclusions

We demonstrate that there is correlation between the BUN/creatinine ratio of less than 12 in the acute kidney injury with histopathologic findings of ATIN with an odds ratio of 14. This finding will allow us to implement more effective preventive and therapeutic strategies with this pathology.