INTRODUCTION AND AIMS: The use of biomarkers in end-stage renal disease (ESRD) is less explored. High sensitivity Troponin T (hsTNT) has been reported. However, its use for screening asymptomatic heart failure (HF), in particular patients with end-stage renal disease (ESRD), is less explored. High sensitivity Troponin T (hsTNT) had limited role in the screening of patients with sub-clinical HF. The diagnostic accuracy of biomarkers. Based on the European Society of Cardiologists' guidelines, the cohort was split into three groups and analyzed.

METHODS: This cross-sectional observational study was conducted in patients enrolled in the Chronic Renal Insufficiency Standards Implementation Study—Haemodialysis (CRISIS-HD) who had baseline NT-proBNP, hsTNT and echocardiography results at baseline recruitment. The mean age of our cohort was 62 years with 175 of 287 patients from CRISIS-HD had biomarkers and echocardiography parameters. Area under the receiver operating characteristic (AUROC) analysis ascertained the diagnostic accuracy of biomarkers.

RESULTS: When using these biomarkers in this group of patients.

Table 1: Comparison of Biomarkers

<table>
<thead>
<tr>
<th>Biomarker</th>
<th>Normal Range</th>
<th>Value</th>
<th>Sensitivity</th>
<th>Specificity</th>
</tr>
</thead>
<tbody>
<tr>
<td>NT-proBNP</td>
<td>125 pg/l</td>
<td>400 pg/l</td>
<td>0.42</td>
<td>0.60</td>
</tr>
<tr>
<td>hsTNT</td>
<td>14 ng/l</td>
<td>56 ng/l</td>
<td>0.56</td>
<td>0.72</td>
</tr>
</tbody>
</table>

DISCUSSION: The results suggest that when using these biomarkers in this group of patients, NT-proBNP had better discriminatory ability compared to hsTNT. This highlights the importance of considering the specific context and patient population when interpreting biomarker results.
INTRODUCTION AND AIMS: Protein carbamylation induces a unique vascular phenotype com-

RESULTS: Eight-weeks old C57Bl/6J female mice were randomly assigned to cyanate

CONCLUSIONS: During traditional HD, sclerostin is released into circulating blood

METHODS: 14 stable pts (mean age of 69.6 yrs, HD vintage > 3 mo, solely a-v fistulas,

Nephrology Dialysis Transplantation

Abstracts

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