

# Effect of Non-Alcoholic Fatty Liver Disease and Metabolic Risk Factors on Waitlist Outcomes in Patients with Hepatocellular Carcinoma

## Methods

Retrospective cohort study of HCC patients listed for liver transplant from 2004-2013 at single, large transplant center



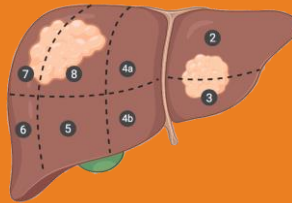
NAFLD-HCC  
(n=42 patients)



Other-HCC  
(n=589 patients)

## Waitlist Outcomes

NAFLD-HCC vs other-HCC

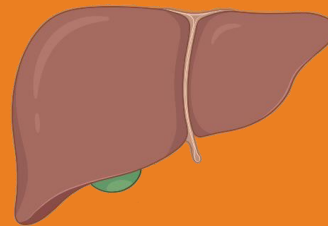


HCC progression



Liver death

Waitlist dropout: 17% vs 25% (p=0.28)



Liver transplant: 76% vs 67% (p=0.16)

## Predictors of Waitlist Dropout

- Tumor burden
- AFP  $\geq$  20 at listing
- MELD  $\geq$  15 at listing

### Conclusion:

- No significant difference found in waitlist outcomes for NAFLD-HCC vs other-HCC.
- Conclusions limited by the small sample size of NAFLD-HCC patients

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