

COMPARATIVE ASSESSMENT OF MELD, MELD-NA AND MDF IN ALCOHOLIC HEPATITIS MORTALITY: A SYSTEMATIC REVIEW AND DIAGNOSTIC META-ANALYSIS

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Poster

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A systematic review comparing MDF, MELD, and MELD-Na scoring systems for mortality prediction in alcoholic hepatitis found no significant statistical difference between the three prognostic models.

KEY POINTS

- Systematic review of multiple databases compared accuracy of Maddrey's discriminant function (MDF), MELD, and MELD-Na for predicting mortality in alcoholic hepatitis patients.
- At 28 days, MDF showed pooled sensitivity 0.862 and specificity 0.538, MELD showed sensitivity 0.809 and specificity 0.753, and MELD-Na showed sensitivity 0.707 and specificity 0.679.
- At 90 days, the pooled sensitivity and specificity values were identical to the 28-day values for all three scoring systems.
- No significant statistical difference was observed when comparing AUC of MDF, MELD, and MELD-Na scores at admission for alcoholic hepatitis patients.

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