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Summary

PROGNOSTIC VALUE OF MEAN PLATELET VOLUME IN HEPATOCELLULAR CARCINOMA

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In a retrospective study of 92 HCC patients, higher mean platelet volume (≥8 fL) was associated with favorable tumor characteristics and better outcomes in advanced disease.

KEY POINTS

- Higher MPV was present in 54.3% of patients and associated with smaller tumor diameter (less than 3 cm in 77.4% vs 22.6%, p=0.01), less extrahepatic spread (16.7% vs 83.3%, p=0.004), less macrovascular invasion (2% vs 52.4%, p<0.001), and lower BCLC stages (2% vs 100% BCLC C/D, p<0.001).
- ROC analysis showed MPV below 8.5 fL predicted higher BCLC stages with 93.3% sensitivity and 69.4% specificity (AUC 0.706).
- The study included patients who did not receive antiplatelet therapy and was conducted between January 2020 and December 2021.
- The authors suggest these findings may prompt research on antiplatelet therapy in HCC prevention and management.

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