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Summary

THE IMPACT OF ENDOSCOPIC BILIARY DRAINAGE ON THE NUTRITIONAL STATUS OF PATIENTS WITH MALIGNANT PERIHILAR OR PERIAMPULLARY BILIARY STRICTURES

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Retrospective study of 200 patients with malignant biliary stenosis shows endoscopic biliary drainage significantly improved nutritional and clinical parameters at 1 and 3 months post-procedure, regardless of obstruction location.

KEY POINTS

- Mean weight increased from 56.95 kg to 59.27 kg and BMI from 19.63 to 20.39 kg/m^2 at 3 months ($p<0.05$), though 35.17% still had severe undernutrition by Nutritional Risk Index.
- Mean albumin rose from 29 g/l to 34.52 g/l and total bilirubin decreased from 200.72 mg/l to 15.03 mg/l at 3 months (both $p<0.05$), while C-reactive protein change was not statistically significant.
- WHO performance status improved significantly with 25% reaching Stage 0 at 3 months; pruritus and jaundice resolved in 100% and vomiting in 90% of patients.
- No significant differences were observed between perihilar and periampullary stenosis groups for any parameter studied.

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