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Retrospective Cohort Study

Risk factors and clinical indicators for the development of biliary strictures post liver transplant: Significance of bilirubin

Forrest EA *et al.* Biliary strictures post liver transplant

Abstract

AIM

To identify risk factors associated with the formation of biliary strictures post liver transplantation over a period of 10-years in Queensland.

METHODS

Data on liver donors and recipients in Queensland between 2005 and 2014 was obtained from an electronic patient data system. In addition, intra-operative and post-operative characteristics were collected and a logistical regression analysis was performed to evaluate their association with the development of biliary strictures.

RESULTS

Of 296 liver transplants performed, 285 (96.3%) were from brain dead donors. Biliary strictures developed in 45 (15.2%) recipients. Anatomic stricture formation (n =

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