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Is right lobe liver graft without main right hepatic vein suitable for living donor liver transplantation?

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Abstract

BACKGROUND

Since the first living donor liver transplantation (LDLT) was performed by Raia and colleagues in December 1988, LDLT has become the gold standard treatment for gold standard treatment in countries where cadaveric organ donation is not sufficient. Adequate hepatic venous outflow reconstruction in LDLT is essential to

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Summary Background Data . **Right lobe living donor liver transplantation** has been successfully performed. However, the extent of **donor** hepatectomy is still a subject of debate and the main considerations in the decision making are **graft** functional adequacy and **donor** safety.

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Introduction. **Living donor liver transplantation** (LDLT) was first reported in 1994 , and it is a very important therapeutic modality to overcome organ shortages for patients with end-stage **liver** disease (ESLD) , , . Currently, LDLT using the **right lobe** is an established procedure for adult patients to alleviate the problem of small-for-size grafts

Cited by: 1

Author: Hai-Jun Guo, Kun Wang, Kang-Chen Ch...

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Safety and Necessity of Including the Middle Hepatic Vein ...

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Right-lobe liver donor liver transplantation (LDLT) is adopted as one of the solutions to overcome the **graft** shortage in adult patients waiting for **liver transplantation**. 1 However, the major controversy lies in the necessity of including the middle **hepatic vein** in the **graft** and the safety of the **donor**.

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Based on certain preoperative criteria, a **right lobe graft** can be taken with or **without the middle hepatic vein** with equally successful outcomes in both the donors and recipients. The decision, therefore, of the extent of **right lobe donor hepatectomy** should be ...

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The purpose of this meta-analysis was to compare outcomes after **right-lobe living-donor liver transplantation** (LDLT) with or **without the middle hepatic vein** (MHV). Methods Studies were identified through a computerized search of Pubmed, Embase, Ovid, the Cochrane Hepato-Biliary Group Controlled Trials Register, the Cochrane Central Register of Controlled Trials, the Cochrane Library ...

Cited by: 4

Author: S. Zhang, Z. Dong, M. Zhang, Q. Xia, D. ...

Publish Year: 2011

[Technical Refinement in Adult-to-Adult Living Donor Liver ...](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1420975)

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An extended **right lobe liver graft** was used to overcome the problem of inadequate **graft** volume in adult-to-adult **living donor liver transplantation**. The initial result was satisfactory. 1 However, complications developed in both donors and recipients, some of which could have been related to deficiencies in technical design.

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Currently, LDLT using the right lobe is an established procedure for adult patients to alleviate the problem of small-for-size grafts. Most transplant centers use right lobe grafts **without a middle hepatic vein** (MHV) trunk (modified right liver graft) to ensure donor safety...

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