

"ALPPS" stands for Associating Liver Partition with Portal Vein Ligation for Staged Hepatectomy (ALPPS). ALPPS is the most recent modification on the techniques developed for Two-stage hepatectomies that allow resection of advanced liver tumors in two steps by making use of the regenerative capacity of the human liver.

ALPPS allows to remove an extensive part of the liver in two steps. In the first step the liver parenchyma is transected along the intended line of resection and the future liver remnant cleaned by partial resections from all tumor tissue in the case of bilobar tumors. To this a portal ligation of the larger liver lobe that will have to be resected is added. The patient is then allowed to recover. After a waiting period of 1-2 weeks the second step is performed in which the deportalized liver is removed to make the patient completely tumor-free.

The new strategy offers two advantages: First it elegantly addresses the most feared complication following major hepatectomies, i.e. "postoperative liver failure". The diseased right hemiliver, left in place, acts as an auxiliary liver to support the future liver remnant for the first and critical week after resection.

Second this new operation induces an amount of hypertrophy that is unparalleled by other techniques. Schnitzbauer et al. report a 74% volume increase of the remnant liver in a mean of 9 days.

# LALPPS の試み

日時 2013年6月12日(水)

▶11:50~12:40

共催

第25回日本肝胆膵外科学会・学術集会  
CSL ベーリング株式会社

会場

第5会場2F「平安」  
ホテル東日本宇都宮

第25回日本肝胆膵外科学会・学術集会ランチョンセミナー5

司会

**川崎 誠治 先生** 順天堂大学 肝胆膵外科

演者

**若林 剛 先生** 岩手医科大学 医学部外科学講座

ランチョンセミナーは整理券制です。数に限りがありますので、予めご了承ください。

**配布場所** \*セミナー開始後10分で無効

ホテル東日本宇都宮 2F ホワイエ  
栃木県総合文化センター 1F メインホールロビー

**配布時間**

6/12(水) 8:00~セミナー開始まで  
(栃木県総合文化センターは11:15まで)