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## Submit your measurement and evaluation

### Case characteristics

Case ID \*

#### Planned hepatectomy \*

- Right +MHV
- Right -MHV
- Left +MHV+S1
- Left +MHV-S1

"+" indicates with, while "-" indicates without. MHV: Middle hepatic vein. S1: Liver segment 1 (caudate lobe).

### Imaging characteristics

#### Quality of CT scan \*

	Poor	Fair	Good	Very good	Excellent
Portal venous phase contrast *	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Third-order portal vein branching *	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Second-order hepatic vein branching *	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Overall quality *	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

A very good portal venous phase contrast indicates that the portal veins are clearly distinguished, visibly, as well by the liver volumetry software. Similarly, a very good third-order portal vein branching indicates that third-order branches are clearly distinguished, visibly, as well by the liver volumetry software. A very good overall quality of the CT scan images combines that above and indicates that the software could easily identify the veins and mask the liver parenchyma without significant additional manipulation by the user.

#### Quality of CT comments (optional)

### Measurements

#### Software used \*

- LiverVision®
- MeVis®
- Myrian®

- Osirix®
- PACS

**Cutting method used \***

- 3D cutting method
- 2D cutting method

The LiverVision software allows drawing the cutting line using either a) the 2D axial images on the left of the screen or b) the 3D reconstructed image on the right of the screen. Please indicate which method for cutting you used above.

General

**Total liver volume \***  ml

**Cut line volume \***  ml

Graft

**Graft volume \***  ml

**Graft volume percentage \***  %

Donor remnant

**Donor remnant liver volume \***  ml

**Donor remnant liver volume percentage \***  %

**Measurement duration (min:sec) \***

Please record the duration as follows: For example, 02:30 min indicates 2 min and 30 seconds to complete the volumetric measurements. This is the time from clicking on each case to open the images on the LiverVision software until the completion of measurements in minutes : seconds. In other words, please start the time after the images are visible on your screen and ready for analysis (start point) until the software provides the volumetric measurements (stop point). We suggest to use your smartphone to indicate the measurement duration.

Upload report

**Upload the LiverVision report \***  no file selected

The LiverVision volumetry software generates a .html file representing the report for each case. This includes the volumetric measurements and a 3D liver reconstruction image. Please upload this file here. To do so, first choose the file that you created in your LiverVision PC and then click on the "Upload" button. Please complete this form and click the submit button only if the file is confirmed as uploaded.

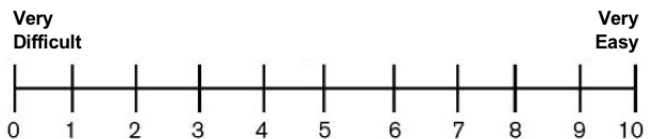
Files must be less than **128 MB**.

Allowed file types: **html**.

Difficulty

**Level of difficulty of your volumetric measurements \***

Please indicate the level of difficulty in performing your volumetric measurements. "0" indicates very difficult and "10" very easy. Difficulty may be attributed to a poor contrast CT, to anatomical variations, to problems with handling the volumetry software or all three.



**If difficult, related to (multiple options):**

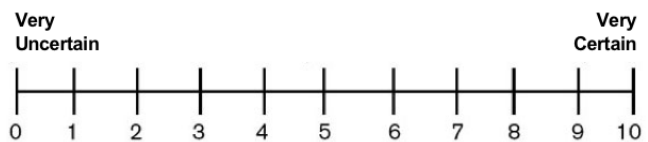
- Imaging quality
- Anatomy
- Software

You may select none, a combination, or all reasons related to difficulty. Please make sure to complete this section particularly if the score is less than 5.

**Certainty**

**Level of certainty of your volumetric measurements \*** - Select -

Please indicate the level of certainty of your volumetric measurements. "0" indicates very uncertain and "10" very certain. Certainty refers to your confidence for the accuracy of your volumetric measurements.



**General comments (optional)**

Submit