

Additional file 1: Absolute and relative volume and blood flow of individual segments

Total blood volume (TBV): **5000 ml**
Blood flow velocity: **10 mm/s**

Volume and blood flow per segment				
Structure	Absolute Volume (cm ³)	Relative Volume (%)	Absolute blood flow (ml/min)	Relative blood flow (%)
Liver	1194.8	100.0%	1475.00	29.5%
Segment I	24	2.0%	29.63	0.6%
Segment II	141.8	11.9%	175.05	3.5%
Segment III	69.9	5.9%	86.29	1.7%
Segment IV	74.5	6.2%	91.97	1.8%
Segment V	232.4	19.5%	286.90	5.7%
Segment VI	126	10.5%	155.55	3.1%
Segment VII	265.7	22.2%	328.01	6.6%
Segment VIII	232.7	19.5%	287.27	5.7%