Results were obtained with an extension of:

(1) Ahmed S. Maklad ; Mikio Matsuhiro ; Hidenobu Suzuki ; Yoshiki Kawata ; Noboru Niki ; Tohru Utsunomiya ; Mitsuo Shimada “Blood vessel-based liver segmentation through the portal phase of a CT dataset”, accepted for publication in proceedings of the SPIE 2013” under the number 8670-32.

(2) Ahmed S. Maklad ; Mikio Matsuhiro ; Hidenobu Suzuki ; Yoshiki Kawata ; Noboru Niki ; Tohru Utsunomiya ; Mitsuo Shimada “Extraction of liver volumetry based on blood vessel from the portal phase CT dataset”, Proceedings of the SPIE, Volume 8314, pp. 83142O-83142O-8 (2012)”

Available at: http://proceedings.spiedigitallibrary.org/article.aspx?articleid=1284946

A paper describing the modifications is in progress.