

Institutional review board statement

This study was approved by the Institutional Review Board (IRB) of Harbin Medical University, and the protocols used in the study were approved by the Committee of Human Subjects Protection of the Second Affiliated Hospital of Harbin Medical University, Harbin, China.

A total of 30 CRC patients underwent potentially curative surgery between 2013 and 2015 at the Second Affiliated Hospital of Harbin Medical University (Harbin, China) were informed consent forms according to institutional guidelines and the study was approved by Institutional Review Board (IRB) protocols of Harbin Medical University. The protocols used in the study were approved by the Hospital's Protection of Human Subjects Committee.