

ORIGINAL ARTICLE

Correlation between ultrasound guided staining margin and survival rate, recurrence rate and cosmetic effect of breast cancer patients

Liyuan Ma^{1*}, Haiyin Xi^{2*}, Guangfei Yang¹, Qianfeng Ma¹, Bo Wu³, Tao Jiang⁴

¹Department of Ultrasonography, General Hospital of Ningxia Medical University, Yinchuan, China. ²B ultrasound Room in Functional Department, Ningxia Hui Autonomous Region Hospital of Traditional Chinese Medicine, Yinchuan, China. ³Department of Oncological Surgery, General Hospital of Ningxia Medical University, Tumor Hospital, Yinchuan, China. ⁴Department of Colorectal Surgery, General Hospital of Ningxia Medical University, Yinchuan, China.

* Liyuan Ma and Haiyin Xi contributed equally to this work.