

ABSTRACT

Notification of a state of resection of a resection target is accurately provided during surgery.

A program according to an embodiment of the
5 present invention causes a computer to: acquire a surgery image in which a surgical site is imaged during surgery for resecting a resection target; detect a state of resection of the resection target from the acquired surgery image by using a machine learning
10 model generated by training with training data in which a surgery image is an input and information related to completion of resection is an output; and notify a state of resection of the resection target, wherein the information related to completion of resection includes
15 region information of an organ that appears in the surgery image when the resection target is resected.

FIG. 11