

ABSTRACT

A mirror image microscopic imaging device, and a microneedle attitude calibration system and method. The mirror image microscopic imaging device comprises: a motion
5 actuator (193) fixedly mounted on a microscope stage; a mirror image forming device support (192) of which one end is connected to the motion actuator; and a mirror image forming device (191) having a flat mirror that has a 45° included angle between the mirror plane and the horizontal plane of the microscope stage and between the mirror plane and the coronal plane, and mounted on the other end of the mirror image forming device support. With a
10 simple structure and scheme, the attitude of a functional part of a microneedle can be calibrated to a desired state, i.e., a position relation where the lower edge of the functional part of the microneedle is parallel to the horizontal plane.