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(57) Abstract :

The present invention relates to a portable lesion suturing device, comprises of a body 1 mapped with a pair of jaws 2 and a handle 3, an image capturing module 4 to determine severity level of wound, a pair of bobbins 5 mapped via a telescopically operate rod 6, wrapped with two different types of threads utilized for stitching wound based on determined severity level of wound, a gripper 16 to pick and place a particular type of thread from bobbins 5 into an iris opening 7 crafted at a middle portion of a suture needle 8, a pair of electromagnets 15 placed underneath a slot 9 carved on pair of jaws 2 that magnetize and demagnetize to perform back-and-forth linear motion of needle 8 to penetrate through surrounding skin of wound to perform stitching and a projection unit 11 to project corrected gap among consecutive stiches.

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