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(57) Abstract :
The present disclosure relates generally to medical field. More specifically the present invention relates to a device for detecting abnormalities of cervix. The device (100) includes one or more cameras (102), a control unit (104) and a display (106). The cameras (102) capture images inside around a cervical canal of a cervix of a user. The control unit (104) is embedded with machine learning algorithm to process the captured images and classify and detect abnormalities of cervix. The abnormalities of tissues of the cervix include but not limited to cervical dysplasia, cervical polyps, cervicitis, cervical erosion, cervical cancer and the like. The Further the present invention relates to a method for detecting abnormalities of cervix using a device for detecting abnormalities of cervix. Advantageously, the present invention relates to a handy device for detecting abnormalities of cervix and its related issues by a user at any place.

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