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(57) Abstract :

The present disclosure relates to a device (100) for detecting the infection state of the head part of the subject, the device includes a first set of sensors (102-1) to capture images of the head part. The second set of sensors (102-2) detects the accurate placement of the device in the head part and tests the quality of hair. A controller (104) is configured to receive the captured images of the head part of the subject, receive the detected placement of the device and determine the quality of the hair of the subject, extract a set of attributes and compare the extracted set of attributes with reference set of attributes, where based on a combination of comparison, the controller is configured to determine a diagnosis for the head part of the subject.

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