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(57) Abstract :

A skin disease detection and treatment system comprises a kiosk 101 having a horizontal platform 102 for users to lie on for skin disease detection and treatment, an AI-enabled camera 105 and an optical sensor are installed in vicinity of the horizontal platform 102 to automatically identify skin conditions, a first nozzle 106 dispenses water onto the skin from a water tank 108 mounted on a slider 128, a suction cup 109 on a vertically expandable rod 110 picks up a gauze pad, two mechanical sleeves 113 at the kiosk's base hold expandable rods 114, each with a ball-and-socket joint 115 and a cooling pad 116, a compartment 122 holds antibiotic ointment, a dressing module 117 with a circular slider 117a and a roller 117b applies a gauze dressing, which is then cut by a cutter unit 118.

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