

Technology: [Systems for screening the skin condition of the plantar surface of the feet](#)

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Abstract

The present invention relates to a novel approach means of screening foot skin condition of patients at risk for foot tissue breakdown, such as persons with diabetes, through the provision of a remote screening device that can be used in telemedicine or home self-monitoring approaches. The invention would record high resolution images of the bottom of the patient's feet, without artifacts or other distortions that might arise from images taken of feet that have been compressed through standing and the like. These images could immediately be viewed by the patient and/or electronically submitted to a medical facility where clinicians could screen the images for signs of tissue breakdown.