

عنوان مقاله:

An Intelligent Smartphone-Based Traumatic Technology for Early Skin Cancer Diagnosis

محل انتشار:

پنجمین همایش پژوهشی سالیانه دانشگاه علوم پزشکی استان سمنان (سال: 1397)

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خلاصه مقاله:

Introduction: Today s science of medicine requires the development of new technologies in the form of smart phone health that is a smartphone technology that plays an important role in the treatment and prevention of diseases, one of which is skin cancer. Dermoscopy traps allow patients to send skin lesions to a dermatologist for remote diagnosis; currently, the adoption of cellular mobile telephony technology is not known by people at risk for skin cancer. . Therefore, the aim of this study was to investigate the potential of smart-phone tracheoscopy technology for early diagnosis of cancer. **Methods:** The present study was a systematic overview with a comprehensive search of web sites, valid journals, scopus, SIDs, Science Direct, ISCs and Google Scholar search engine, as well as related books in this area. Smartphone, Skin Cancer, Telemedicine, Dermoscopic Trap and their combination were used to search, and the time range from 2013 to 2018 was considered for the selection of articles. The articles were found in about 121 articles, of which articles were included in the study, and then these articles were evaluated in terms of title, abstract, and full text. After removing repetitive and unrelated, about 69 related articles Was selected by research. **Results:** According to our findings, we found that using smart-phone on-microscopy traps for early diagnosis of skin cancer has a higher diagnostic accuracy than face-to-face detection. And also the research suggests that the benefits of using mobile phone traps include: increasing access to care, reducing waiting times, cost savings, and efficient referral. We also found that: People are more eager than face-to-face counseling and face-to-face treatment for masked traps for early detection of skin cancer. **Conclusion:** The results of the studies showed that the use of smart-phone on-microscopy traps improves their function in dermatologic examination and is a useful program for them. And also, according to studies, we have found some problems with the use of dermoscopy traps; these problems include: Some people are able to connect to the Internet account on their mobile phone, and also be able to .tag images and personalize the program. They were not mentioned

کلمات کلیدی:

Smartphone, Skin Cancer, Telemedicine, Dermoscopic Trap

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