

Mobile Teledermatology Update 2 Of Different Clinical Cases Presentation

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Abstract

Background: Teledermatology involves a qualified professional clinical photographer taking a series of digital photographs of a patient's skin lesion. The photographs are then sent to a dermatologist for remote assessment to see if the patient needs to come into hospital for further treatment.

Objective: To study the pattern of cutaneous clinical cases sent through social media Patients and Methods males and females' infants and children's and adults patients presented and sent photos through Whatsapp with different clinical skin lesions

Results: The clinical data and the information about the patients showed they had different skin diseases.

Conclusion: Now a days social media solved many things in internet and the far is near. All Those neam from ALLAH. Alhamdolellah Spotting diagnosis and the treatment and follow up performed free of charge.

Key words: mobile; teledermatology; yemen; clinical cases; social media

Introduction:

Teledermatology is a subspecialty in the medical field of dermatology and probably one of the most common applications of telemedicine and e-health.[1] In teledermatology, telecommunication technologies are used to exchange medical information (concerning skin conditions and tumors of the skin) over a distance using audio, visual, and data communication. Applications comprise health care management such as diagnoses, consultation, and treatment as well as (continuous) education.

The dermatologists Perednia and Brown were the first to coin the term "teledermatology" in 1995. In a scientific publication, they described the value of a teledermatologic service in a rural area underserved by dermatologists Mobile telemedicine is a system in which at least one participant (the person seeking advice or the doctor, for instance) uses

wireless or mobile equipment i.e. mobile phones, handheld devices), in contrast to conventional stationary telemedicine platforms. Travelers who develop skin lesions as well as doctors who are on the move in hospital/non-hospital area can benefit from this new development in teledermatology. To facilitate access to medical advice and enable individuals to play a more active role in managing their own health status, mobile teledermatology seems to be especially suited for patient filtering or triage. (i.e. referral based on the severity and character of their skin condition). Another possible practical application is for follow-up of individuals with chronic skin conditions. However, currently available studies show a high rate of missed skin cancers including melanoma, and there is not enough robust data to recommend this method of diagnosis and treatment. Suitability of cases Not all cases are suitable for teledermatology. The type of

cases .suited for tele dermatology is a topic, which requires more studies. Some studies have observed that eczema and follicular lesions were diagnosed with relatively more certainty, while in some other studies it was seen that

diagnoses were made with more certainty in cases like viral warts, herpes zoster, acne vulgaris, irritant dermatitis, vitiligo, and superficial bacterial and fungal infections. Implemented projects by country of Yemen.



Case 1: Acropustulosis of infancy and children's treatment topical antibiotics and steroid and oral antibiotics



Case 2 : primary Anetoderma no treatment



Case 3: cutaneous sarcoidosis oral and topical steroid and topical steroids



Case 4: psoriasis of civate treatment topical sunblock spf 100 lotion and steroid



Case 5: chicken pox treatment oral acyclovir syrup and antibiotics and topical antibiotics.



Case 6: contact irritant dermatitis treatment avoid play with floor dust



Case 7: cutaneous leishmaniosis treatment intralesional injection stibogluconate sodium



Case 8 : plan warts treatment cryotherapy or chemical and electrical cauterization



Case 9: chronic eczema treatment oral antihistamine and topical occlusive therapy steroid.



Case 10: acute allergic angioedema from stings insect's treatment avoids insect bite oral antihistamine.

References

1. ^ "ATA Tele dermatology SIG". American Telemedicine Association. Archived from the original on 2 February 2007.
2. ^ Wootton R (December 2017). "Realtime Telemedicine". In Wootton R, Craig J, Patterson V (eds.). *Introduction to Telemedicine* (Second ed.). CRC Press. p. 88. ISBN 978-1-351-98946-6.
3. ^ Wurm EM, Hofmann-Wellenhof R, Wurm R, Soyer HP (February 2008). "Telemedicine and teledermatology: Past, present and future". *Journal of the German Society of Dermatology*. 6 (2): 106-12. doi:10.1111/j.1610-0387.2007.06440.x. PMID 18005076. S2CID 41450493.
4. ^ Burg G, Soyer HP, Chimenti S (2005). "Teledermatology". In Frisch P, Burgdorf W (eds.). *EDF White Book, Skin Diseases in Europe*. Berlin. pp. 130-133.
5. ^ Perednia DA, Brown NA (January 1995). "Teledermatology: one application of telemedicine". *Bulletin of the Medical Library Association*. 83 (1): 42-7. PMC 225996. PMID 7703938.
6. ^ Chuchu, Naomi; Dinnes, Jacqueline; Takwoingi, Yemisi; Matin, Rubeta N; Bayliss, Susan E; Davenport, Clare; Moreau, Jacqueline F; Bassett, Oliver; Godfrey, Kathie; O'Sullivan, Colette; Walter, Fiona M (4 December 2018). Cochrane Skin Group (ed.). "Teledermatology for diagnosing skin cancer in adults". *Cochrane Database of Systematic Reviews*. 2018 (12): CD013193. doi:10.1002/14651858.CD013193. PMC 6517019. PMID 30521686.
7. ^ "Telederm.org". eDermConsult.
8. ^ Binder B, Hofmann-Wellenhof R, Salmhofer W, Okcu A, Kerl H, Soyer HP (December 2007). "Teledermatological monitoring of leg ulcers in cooperation with home care nurses". *Archives of Dermatology*. 143 (12): 1511-4. doi:10.1001/archderm.143.12.1511. PMID 18086999.
9. ^ Ford, Adam R.; Gibbons, Caitlin M.; Torres, Josefina; Kornmehl, Heather A.; Singh, Sanminder; Young, Paulina M.; Chambers, Cindy J.; Maverakis, Emanuel; Dunnick, Cory A.; Armstrong, April W. (2019). "Access to Dermatological Care with an Innovative Online Model for Psoriasis Management: Results from a Randomized Controlled Trial". *Telemedicine and e-Health*. 25 (7): 619-627. doi:10.1089/tmj.2018.0160. ISSN 1530-5627. PMC 6417973. PMID 30222518.
10. ^ "IDD International Dermoscopy Diploma". Medizinische Universität Graz. Archived from the original on 13 January 2011.
11. ^ "DermNet NZ". New Zealand Dermatological Society.
12. ^ Massone C, Soyer HP, Lozzi GP, Di Stefani A, Leinweber B, Gabler G, et al. (April 2007). "Feasibility and diagnostic agreement in teledermatopathology using a virtual slide system". *Human Pathology*. 38 (4): 546-54. doi:10.1016/j.humpath.2006.10.006. hdl:11567/255271. PMID 17270240.
13. ^ * Bauer J, Leinweber B, Metzler G, Blum A, Hofmann-Wellenhof R, Leitz N, et al. (September 2006). "Correlation with digital dermoscopic images can help dermatopathologists to diagnose equivocal skin tumours". *The British Journal of Dermatology*. 155 (3): 546-51. doi:10.1111/j.1365-2133.2006.07342.x. PMID 16911279. S2CID 39413421.

14. ^ "Handyscope". FotoFinder Systems GmbH. Archived from the original on 10 April 2020. Retrieved 27 November 2018.
15. ^ Snoswell C, Finnane A, Janda M, Soyer HP, Whitty JA (June 2016). "Cost-effectiveness of Store-and-Forward Teledermatology: A Systematic Review" (PDF). *JAMA Dermatology*. 152 (6): 702-8. doi:10.1001/jamadermatol.2016.0525. hdl:10072/410245. PMID 27074289. S2CID 4052611.
16. ^ Chuchu N, Takwoingi Y, Dinnes J, Matin RN, Bassett O, Moreau JF, et al. (December 2018). "Smartphone applications for triaging adults with skin lesions that are suspicious for melanoma". *The Cochrane Database of Systematic Reviews*. 2018 (12): CD013192. doi:10.1002/14651858.cd013192. PMC 6517294. PMID 30521685.
17. ^ * Kaliyadan F, Venkitakrishnan S (2009). "Teledermatology: clinical case profiles and practical issues". *Indian Journal of Dermatology, Venereology and Leprology*. 75 (1): 32-5. doi:10.4103/0378-6323.45217. hdl:1807/48327. PMID 19172028.
18. ^ Schofield J, Grindlay D, Williams H. *Skin conditions in the UK: a health care needs assessment*. Nottingham: Centre of Evidence Based Dermatology, University of Nottingham, 2009.
19. ^ "The Operating Framework for the NHS in England 2011/12". Department of Health. GOV.UK.
20. ^ "Skin cancer responds to around 30% of all malignant tumors in the Country". Sociedade Brasileira de Medicina Tropical (in Portuguese). 2019.
21. ^ von Wangenheim A, Nunes DH (2019). "Creating a Web Infrastructure for the Support of Clinical Protocols and Clinical Management: An Example in Teledermatology". *Telemed J e Health*. 25 (9): 781-790. doi:10.1089/tmj.2018.0197. PMID 30499753. S2CID 54165649.
22. ^ Giavina Bianchi M, Santos A, Cordoli E (2021). "Dermatologists' perceptions on the utility and limitations of teledermatology after examining 55,000 lesions". *J Telemed Telecare*. 27 (3): 166-173. doi:10.1177/1357633X19864829. PMC 8044615. PMID 31409225.
23. ^ Snoswell CL, Caffery LJ, Whitty JA, Soyer HP, Gordon LG (June 2018). "Cost-effectiveness of Skin Cancer Referral and Consultation Using Teledermoscopy in Australia". *JAMA Dermatology*. 154 (6): 694-700. doi:10.1001/jamadermatol.2018.0855. PMC 6145645. PMID 29801161.
24. ^ Snoswell CL, Whitty JA, Caffery LJ, Finnane A, Soyer HP (August 2019). "What do Australian dermatologists expect to be paid for store-and-forward teledermoscopy? A preliminary investigation" (PDF). *Journal of Telemedicine and Telecare*. 25 (7): 438-444. doi:10.1177/1357633x18776766. PMID 29933722. S2CID 49389361.

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