Teledermatology for Diagnosis and Management of Skin Conditions: A Systematic Review of Evidence

By U. S. Department of Veterans Affairs

Createspace. Paperback. Book Condition: New. This item is printed on demand. Paperback. 106 pages. Dimensions: 11.0in. x 8.5in. x 0.2in.Telemedicine uses telecommunication technology to transfer medical information. Due to the visual nature of a skin examination, telemedicine, specifically, teledermatology, is a potentially valuable tool in the diagnosis and management of dermatologic diseases for patients in rural areas where a dermatologist may not be available. Teledermatology may also be useful in primary care settings to triage cases and limit unnecessary dermatology clinic referrals as well as to assist with follow-up care or monitoring after an in-person dermatology visit. Two particular types of teledermatology are commonly employed. Store and forward (SAF) uses asynchronous still digital image technology for communication, similar to an email system. Participants are typically separated by both time and space. Real-time or live interactive (LI) uses video-conferencing technology. Participants are separated by space, not by time. Both systems have advantages and disadvantages. SAF requires less technological sophistication and lower cost equipment than LI, permits the referring provider to submit the consultation with accompanying image(s) to the dermatologist for review at a later time, and does not require the dermatologist to be immediately available or on-call to urgently review the...

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