TELEMEDICINE EVIDENCE

The evidence base for using technology to enhance care is large, complex and continuing to grow rapidly. TECS is a complex intervention involving people, process and technology, therefore results are dependent on all these elements. The evidence is based on a range of methodologies and can – in some contexts – provide mixed messages on the clinical and cost-effectiveness of TECS. It would therefore be impractical and unhelpful to try and provide a definitive list of all studies on all TECS in all clinical areas.

This database provides a list of individual studies as well as a link to a single key paper for selected as selected clinical areas. The lists are limited to the most recent studies and may not be exhaustive. They are intended to help those considering TECS how these solutions might best address their needs. Some resources may need to be purchased and in many cases the link is to a summary of the paper rather than the full content.


27. Suicide risk management during clinical telepractice. 

28. Meeting Veterans Where They're @: A VA Home-Based Telemental Health (HBTMH) Pilot Program. 

29. A telemedicine program for diagnosis and management of sleep-disordered breathing: the fast-track for sleep apnea tele-sleep program. 

30. The pacific island health care project. 

31. How accurate is the diagnosis of diabetic retinopathy on telescreening? The Indian scenario. 

32. Telemedicine as an Innovative Model for Rebuilding Medical Systems in Developing Countries Through Multipartnership Collaboration: The Case of Albania. 


34. The RAFT Telemedicine Network: Lessons Learnt and Perspectives from a Decade of Educational and Clinical Services in Low- and Middle-Incomes Countries. 

35. Telemedicine: the slow revolution 
   http://www.ncbi.nlm.nih.gov/pubmed/25338434


37. Telerehabilitation and emerging virtual reality approaches to stroke rehabilitation. 

38. ICU telemedicine: from theory to practice*. 

39. Telemedicine and digital management in repair and regeneration after nerve injury and in nervous system diseases. 

40. Trial of telemedicine for patients on home ventilator support: feasibility, confidence in clinical management and use in medical decision-making. 

41. Telemedicine as a tool to mitigate cardiometabolic risk associated with serious mental illness. 

42. A pilot study of telemedicine for post-operative urological care in children. 


59. Increased satisfaction of maternity hospital staff involved in fetal telediagnosis.  

60. A low-cost tele-imaging platform for developing countries.  

61. Remote monitoring of patients with implantable cardioverter-defibrillators: Can results from large clinical trials be transposed to clinical practice?  

62. Barriers and facilitators to pediatric emergency telemedicine in the United States.  


67. Exploring routine use of telemedicine through a case study in rehabilitation.  

68. Ultrasound in telemedicine: its impact in high-risk obstetric health care delivery.  

69. TeleStroke units serving as a model of care in rural areas: 10-year experience of the TeleMedical project for integrative stroke care.  

70. A randomized trial comparing live and telemedicine deliveries of an imagery-based behavioral intervention for breast cancer survivors: reducing symptoms and barriers to care.  


73. Teles-operated echocardiography using a robotic arm and an internet connection.  

74. Epidemiology of a large telestroke cohort in the Delaware valley.  

75. YOUng Football Italian amateur players Remote electrocardiogram Screening with Telemedicine (YOU FIRST) study: Preliminary results.  
76. Robot-assisted remote echocardiographic examination and teleconsultation: a randomized comparison of time to diagnosis with standard of care referral approach.  

77. Timely access to specialist medical oncology services closer to home for rural patients: experience from the Townsville Teleoncology Model.  

78. Timely access to specialist medical oncology services closer to home for rural patients: experience from the Townsville Teleoncology Model.  


80. Effect of tele-emergency services on recruitment and retention of US rural physicians.  

81. Reliability of Circulatory and Neurologic Examination by Telemedicine in a Pediatric Intensive Care Unit.  

82. Telementoring: the surgical tool of the future.  

83. What is "telemedicine" and what does it mean for a pediatric surgeon?  

84. The application of telemedicine in orthopedic surgery in singapore: a pilot study on a secure, mobile telehealth application and messaging platform.  

85. Feasibility of certified quality management in a comprehensive stroke care network using telemedicine: STENO project.  

86. Teleneurology in stroke management: costs of service in different organizational models.  

87. Critical care telemedicine: evolution and state of the art*.  

88. Role of telemedicine technology in endocrine surgery knowledge sharing.  

89. Assessing the quality of teleconsultations in a store-and-forward telemedicine network.  

90. REHAL®, a telemedicine platform for home cardiac rehabilitation.  

91. Telemedicine—a bibliometric and content analysis of 17,932 publication records.  
92. Connected Health: A Review Of Technologies And Strategies To Improve Patient Care With Telemedicine And Telehealth [link]

93. Telemedicine in pre-hospital care: a review of telemedicine applications in the pre-hospital environment [link]