



## Telemedicine and diabetes: State of the art and prospects in Haiti

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### Abstract:

Telemedicine (TM) should address several major challenges: to improve access to healthcare, to overcome the scarcity of specialists faced with epidemic disease, and to reduce the costs of healthcare while improving quality. The aims of TM differ according to the type of diabetes. In type 1 diabetes (T1D), the goal of TM is to help patients achieve better control of their blood glucose (BG) levels through accurate adjustment of insulin doses. In type 2 diabetes (T2D), while therapeutic adjustments may be necessary, improvement in BG control is based primarily on behavioral changes. Many telemedicine studies focusing on management of BG levels have been published, but most failed to demonstrate any superiority of TM vs. traditional care. While previously published meta-analyses have shown a slight advantage at best for TM, these meta-analyses included a mixture of studies of varying lengths, in different populations, testing systems of unequal quality.

### Biography:

Jeeph Sergilles, a medical student at Lumière University, announced the official launch of a digital health and digital healthcare insurance project called "LASWENYAY". It is a new health and telemedicine platform in Haiti. A brand new tool that will allow thousands of people to access remote health care both in Haiti and around the world via a mobile application.



### Recent Publications:

1. Finkelstein's Test Is Superior to Eichhoff's Test in the Investigation of de Quervain's Disease. Wu F, Rajpura A, Sandher D. *J Hand Microsurg.* 2018 Aug;10(2):116-118. doi: 10.1055/s-0038-1626690. Epub 2018 Mar 20. PMID: 30154628
2. Mortality in Patients with Endogenous Cushing's Syndrome. Javanmard P, Duan D, Geer EB. *Endocrinol Metab Clin North Am.* 2018 Jun;47(2):313-333. doi: 10.1016/j.ecl.2018.02.005. PMID: 29754634
3. The Influence of Darwin's Pangenesis on Later Theories. Liu Y. *Adv Genet.* 2018;101:63-85. doi: 10.1016/bs.adgen.2018.05.003. Epub 2018 Jul 17. PMID: 30037393

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