



TELEDERMATOLOGY

TELEDERMATOLOGY HAS SOLVED 70% OF THE DERMATOLOGICAL COMPLAINTS IN PRIMARY CARE ATTENTION.

M Giavina Bianchi⁽¹⁾ - O Berwanger⁽¹⁾ - A Dos Santos⁽²⁾ - E Cordioli⁽³⁾

Hospital Israelita Albert Einstein, Hospital Israelita Albert Einstein/ Instituto De Ensino E Pesquisa, Sao Paulo, Brazil⁽¹⁾ - Hospital Israelita Albert Einstein, Hospital Israelita Albert Einstein/telemedicina, Sao Paulo, Brazil⁽²⁾ - Hospital Israelita Albert Einstein, Hospital Israelita Albert Einstein/ Telemedicina, Sao Paulo, Brazil⁽³⁾

Introduction: São Paulo has 12 million inhabitants, with 50% of them depending on the public health system of the government. The queue for a dermatological appointment was up to 1 year in primary care. Aiming to shorten this deadline, the city hall of SP implemented a program in partnership with Hospital Israelita Albert Einstein (HIAE) to attend cases waiting through teledermatology

Objective: to analyze how many dermatological complaints presented by patients in primary care could be met through teledermatology.

Material and Methods: the patients who were waiting for the dermatological consultation from July 2017 to July 2018 were summoned by telephone to attend one of the 5 centers where a brief history and photos were made in 3 positions of the their dermatological complaints, performed with Smartphone in an application developed by HIAE for this purpose. This content was uploaded on an online platform that dermatologists from the same hospital accessed and chose from 3 options: refer the patient to the dermatologist face-to-face visit, biopsy of the lesion or to the primary care physician with the diagnosis and possible guidelines and treatment.

Results: 30,075 patients presented 55,011 lesions that were photographed. Of these, 3% could be referred directly for biopsy without the need of face-to-face consultation with the dermatologist; 66% could be diagnosed, treated and / or guided by teledermatologists through contact via online platform with patient's primary care physician and 31% of the complaints needed to be forwarded to consultation with the dermatologist.

Conclusion: in an overpopulated city with a high demand for dermatological consultations in the public sector, teledermatology proved to be a very interesting tool to reduce the patient's waiting time for a face-to-face consultation with the dermatologist, since almost 70% of the cases could be addressed using that tool.

