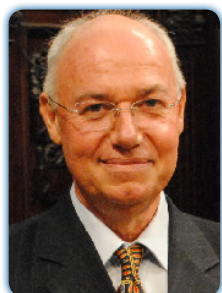


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Telemedicine and ophthalmology

Introduction: Teleophthalmology is a branch of telemedicine that delivers eye care through digital medical equipment and telecommunications technology. The people can have access to eye specialist instead of the patients are in a remote area. The professionals can make diagnoses and monitorization of the patients who have limited conditions to ocular health care.

Material & Method: This study is about the teleophthalmology with diabetic patients in RETINA RIO program in Rio de Janeiro in Association with IREOINTERNATIONAL. We received and reviewed images from digital ocular equipments of diabetic patients from all over Brazil and from abroad too. The diagnoses and treatment orientation was sent to the ophthalmologist.

Results: The program received 1300 cases in the period of 2013 to 2015. 482 patients had an initial, intermediate or several diabetic retinopathies oriented in their diagnoses and treatment.

Conclusion: The opportunity to the ophthalmologist to see the image immediately and provide a timely diagnosis and recommend a plan of treatment helped many patients who certainly would have waited months to get the diagnosis of a retinal ophthalmologist specialist. In this case, 1300 were examined and 482 treated. It is our duty to develop the teleophthalmology.

Biography

Prof. Antonio Carlos Centelhas is head of ophthalmology of CRMED Ministry of Health, Nise da Silveira Hospital, Rio de Janeiro, Brazil Ex- Professor of ABC University, São Paulo, Brazil and Gama Filho University, Rio de Janeiro, Brazil. Prof. Centelhas is international advisory board Of Delhi Journal of Ophthalmology, New Delhi, India. Panelist in many Congress and Universities (EUA).

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