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Saving vision of diabetes patients through a PAN India teleophthalmology network

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India has 60 million diabetic patients and 25% of them can develop sight threatening retinopathy. There are only 12000 Ophthalmologists all over India and hence its not possible for ophthalmologists to physically screen all diabetic patients through conventional methods. We have created a PAN Indian teleophthalmology network, wherein we install a fundus camera in diabetes centre and patients retinal images are transmitted into the secure cloud based server for ophthalmologists from remote location to login and diagnose the retinal issues in diabetic patients. This telemedicine model, was well accepted by diabetologists and patients and we now work in more than 100 locations PAN India. More than 1 lakh patients have been screened over the past two years and around 20,000 patients have been identified with retinopathy and referred for treatment to eye hospitals. This whole model has been created in a financially viable manner wherein all the stake holders benefit. This paper will discuss more about this teleophthalmology model.

Biography

Tamilarasan Senthil is an Ophthalmologist and Healthcare Entrepreneur. He is the CEO of Welcare health Systems Pvt. Ltd., which is India's largest Teleophthalmology company with more than 100 Diabetic Retinopathy Screening Centers all over India.

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