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A method of measuring eye injuries

Measurement is the basis of scientific work and is done in a variety of ways. It is easy and accurate in physical sciences but not so in life sciences like medical science. A disease can be defined as a variable quantum of structural and or functional loss. Since the expression of these are very variable one can approximately convert the structural and functional losses in percentage and add them to get total loss. A method has been developed to do the same by making a traumagram on a graph paper. A horizontal straight line of 20 cm is drawn at the bottom of graph paper. From its centre a vertical 10 cm line is drawn

which indicates the time period in weeks. Recording is started from the bottom line. On the left side structural loss is recorded and the functional loss on the right side by a point. This is recorded at weekly interval. Usually we get a slanting line on either side. After 8-10 weeks the upper ends of both the lines are joined. This results in roughly a quadrangle figure which is termed traumagram. The mm squares enclosed in traumagram are counted and each is expressed as one trauma unit. The total number of units indicates the magnitude of loss.

Biography

Bhartendu Shukla has teaching experience at Medical College, Gwalior, India for 25 years. Subsequently he was Director, Regional Institute of Ophthalmology, for 9 years. Currently he is the Director of Research at Ratan Jyoti Netralaya (RJN) for 9 years. He has been President All India Ophthalmological Society & President, Ocular Trauma Society of India. He received Dr. Siva Reddy International Award and important national awards including Dr. Hari Mohan Award, Air Marshal Boparai Award, Community Ophthalmology Award, Dr.A.K.N. Sinha Award and Dr. Mohan Lal Award. He also received Life Time Achievements Award of All India Ophthalmological Society. He has over 50 publications in various national and international journals.

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