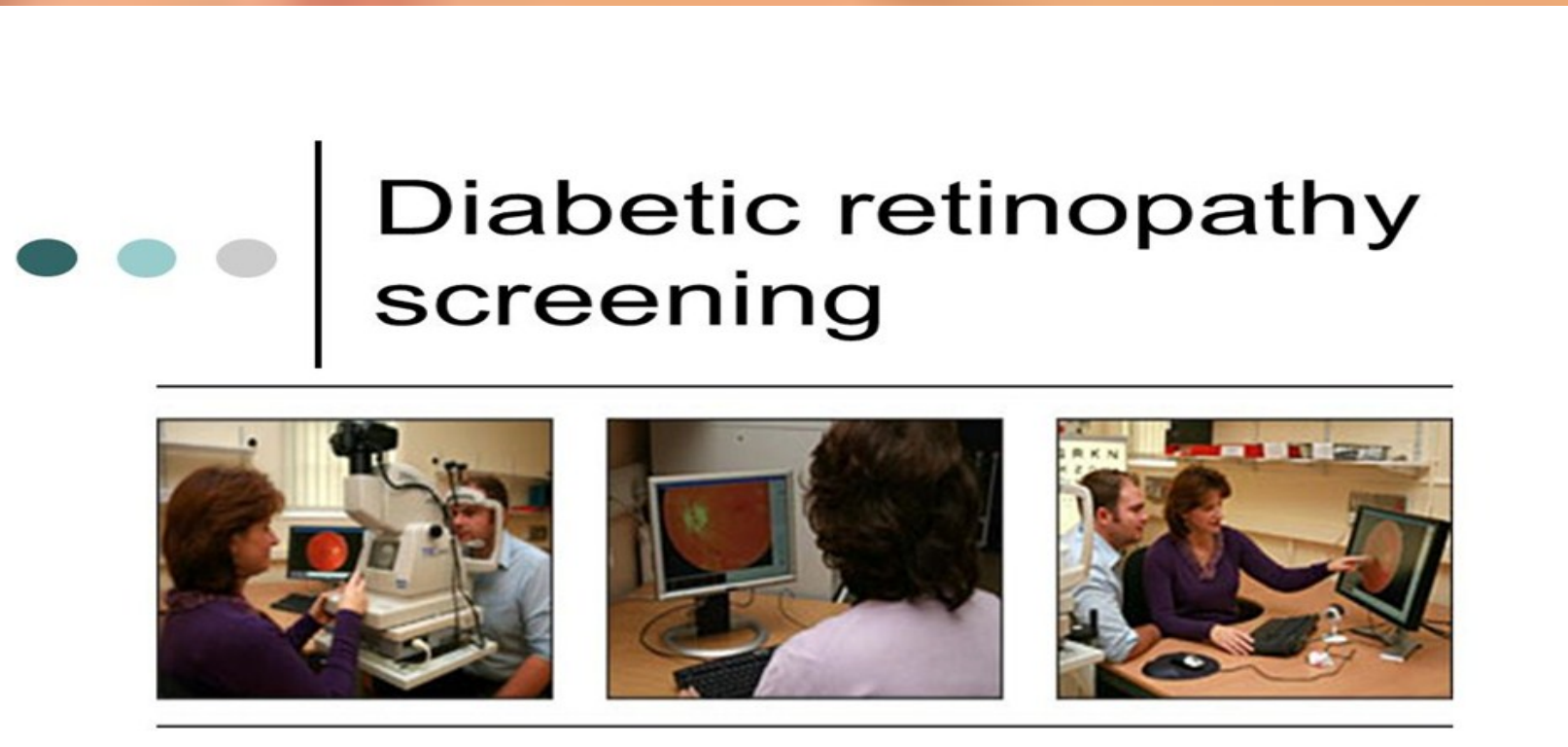
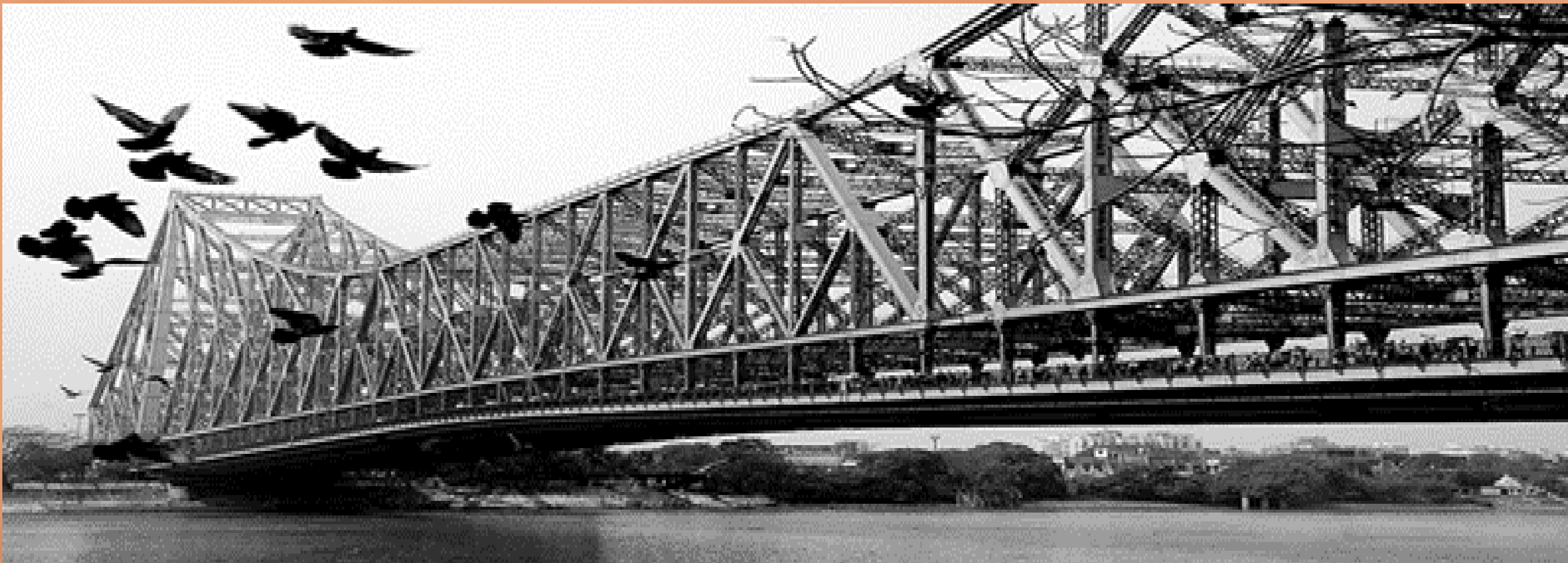
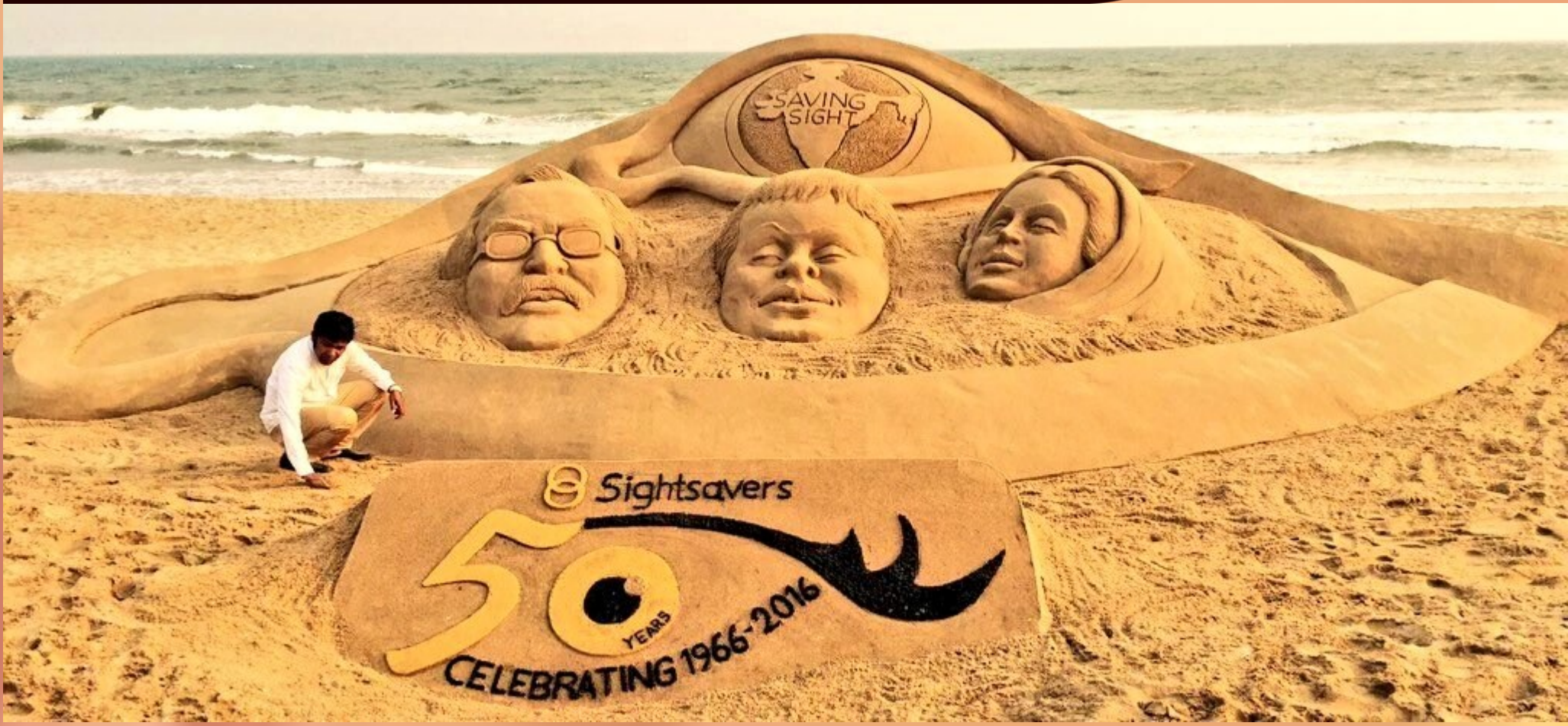


Sight -Threatening Diabetic Retinopathy At Presentation To Screening Services In Kolkata City Of Eastern India



- ♦ Total no. of DR patients from May'16-Dec'16 (MFV)– 1263
- ♦ Referred to SNK, base hospital--- 319{ RJO next in process}
- ♦ Implementation part of project to roll out soon

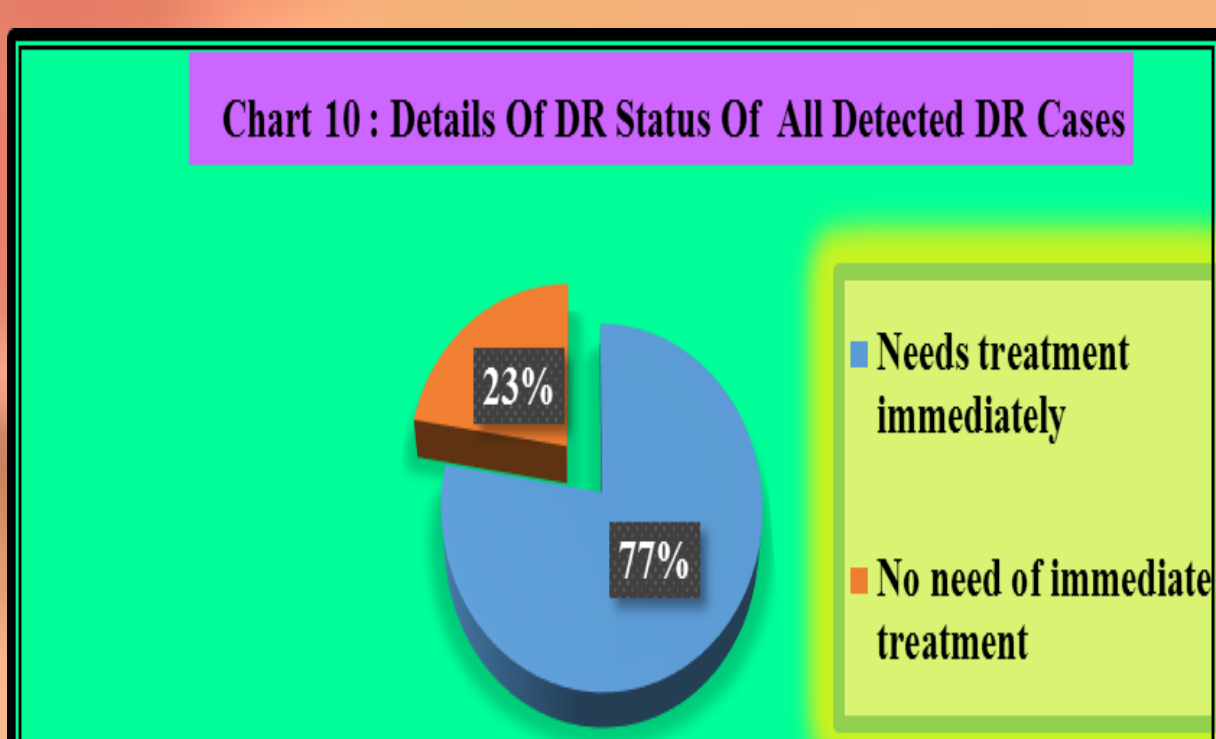
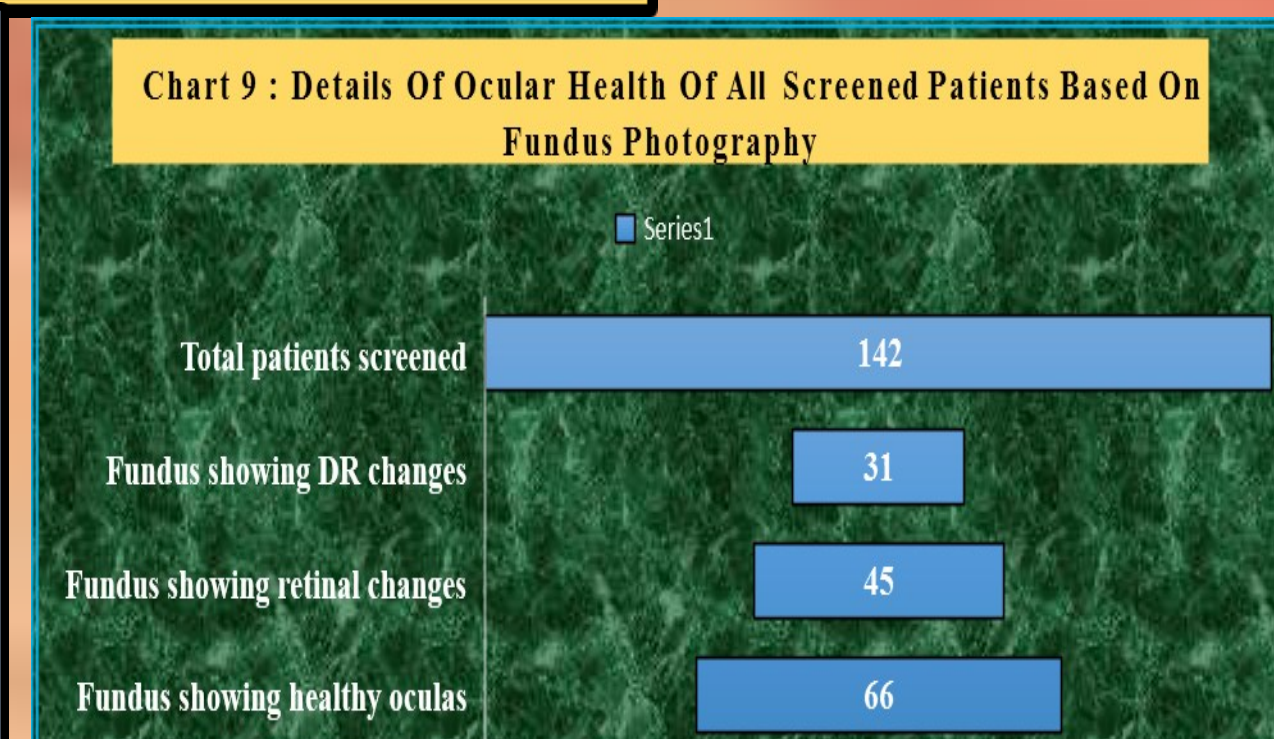
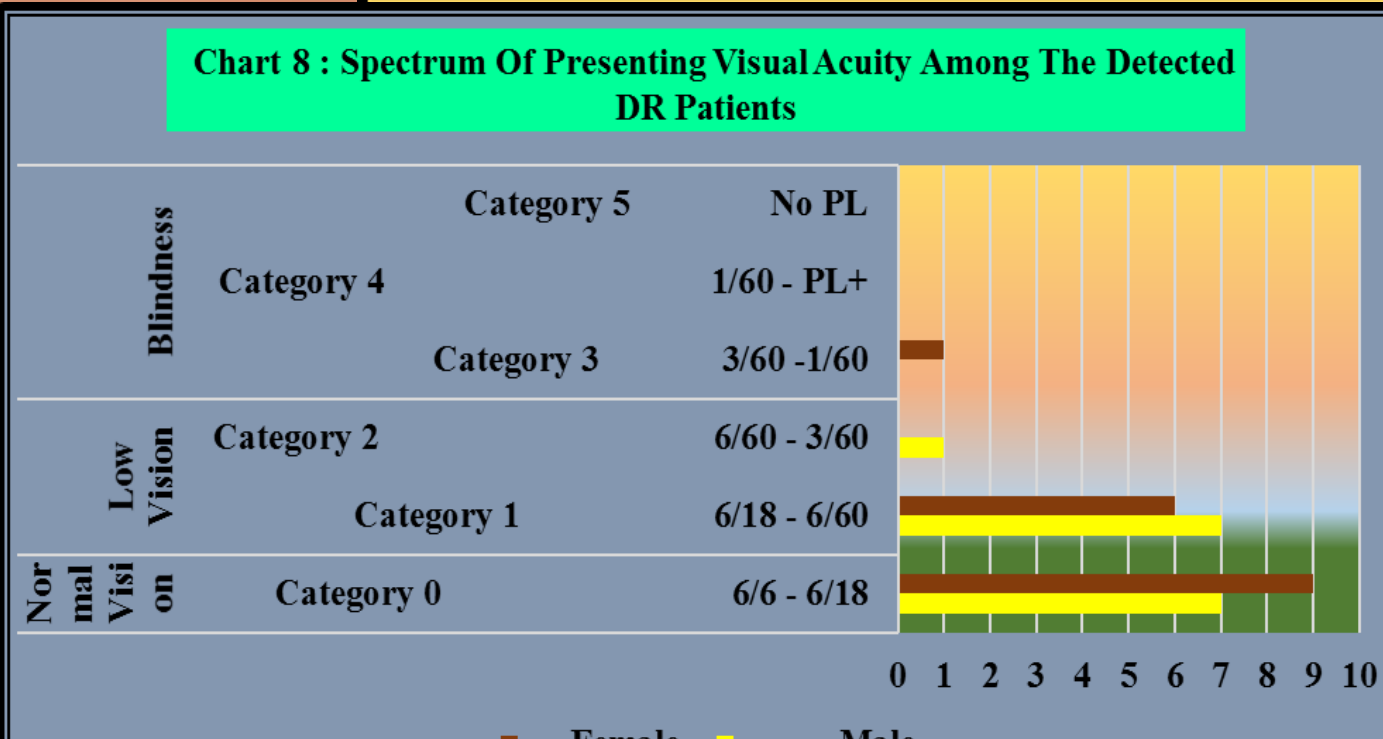
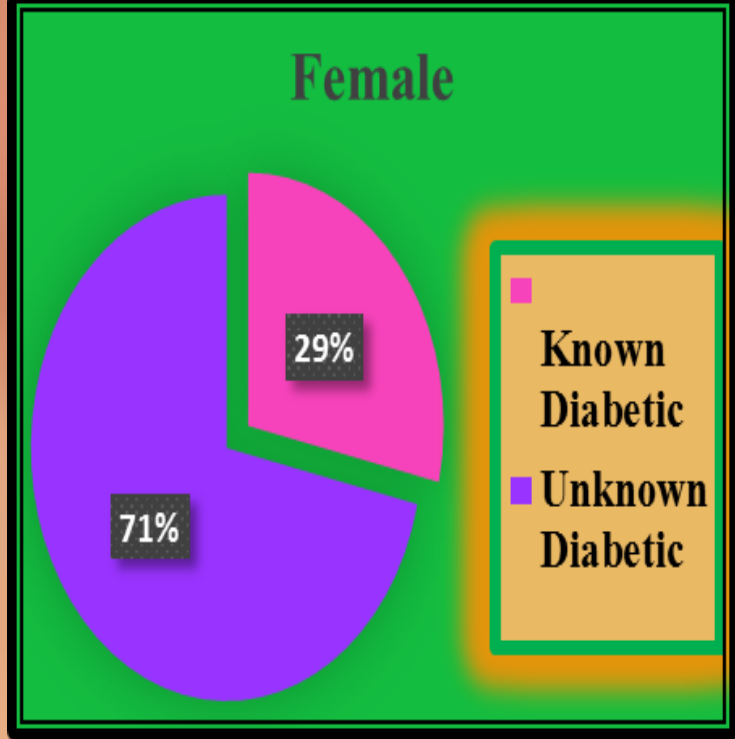
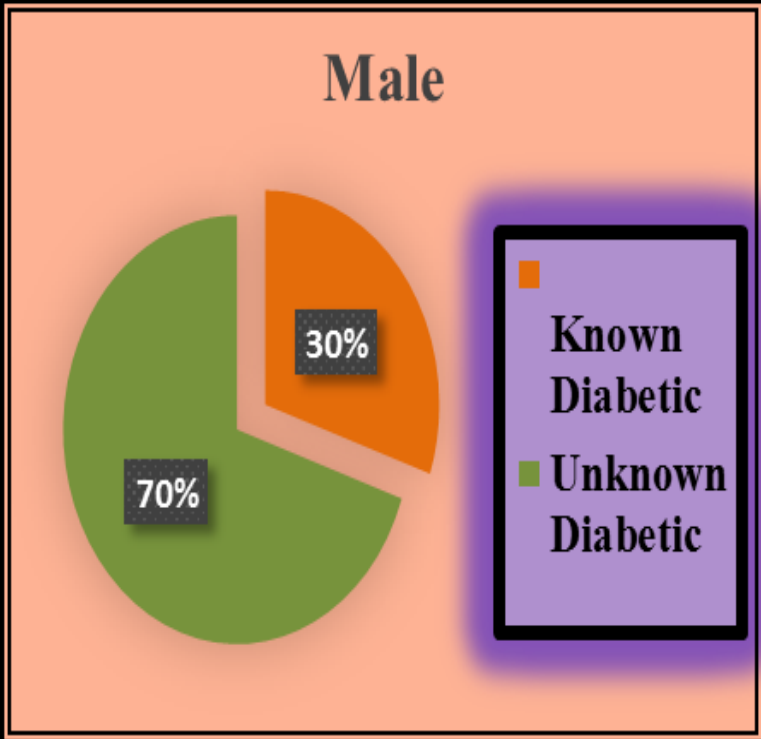
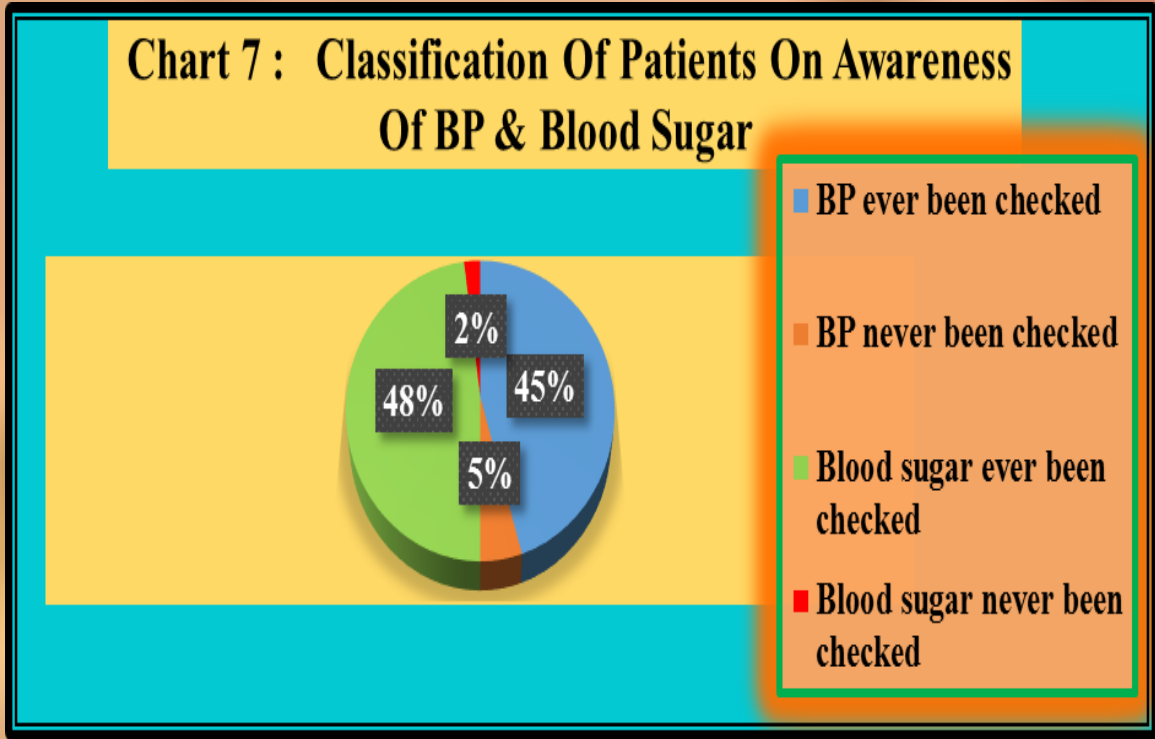
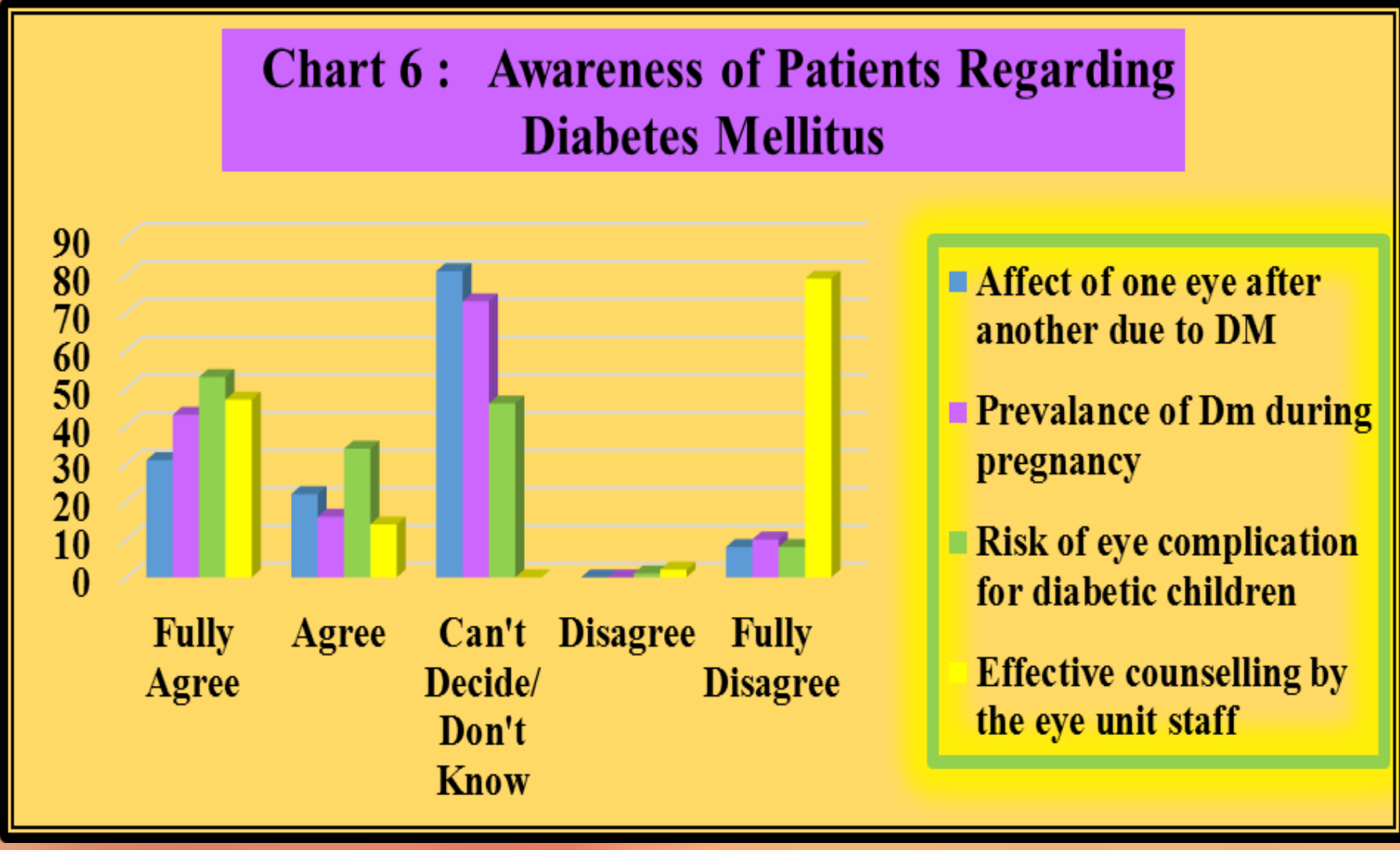
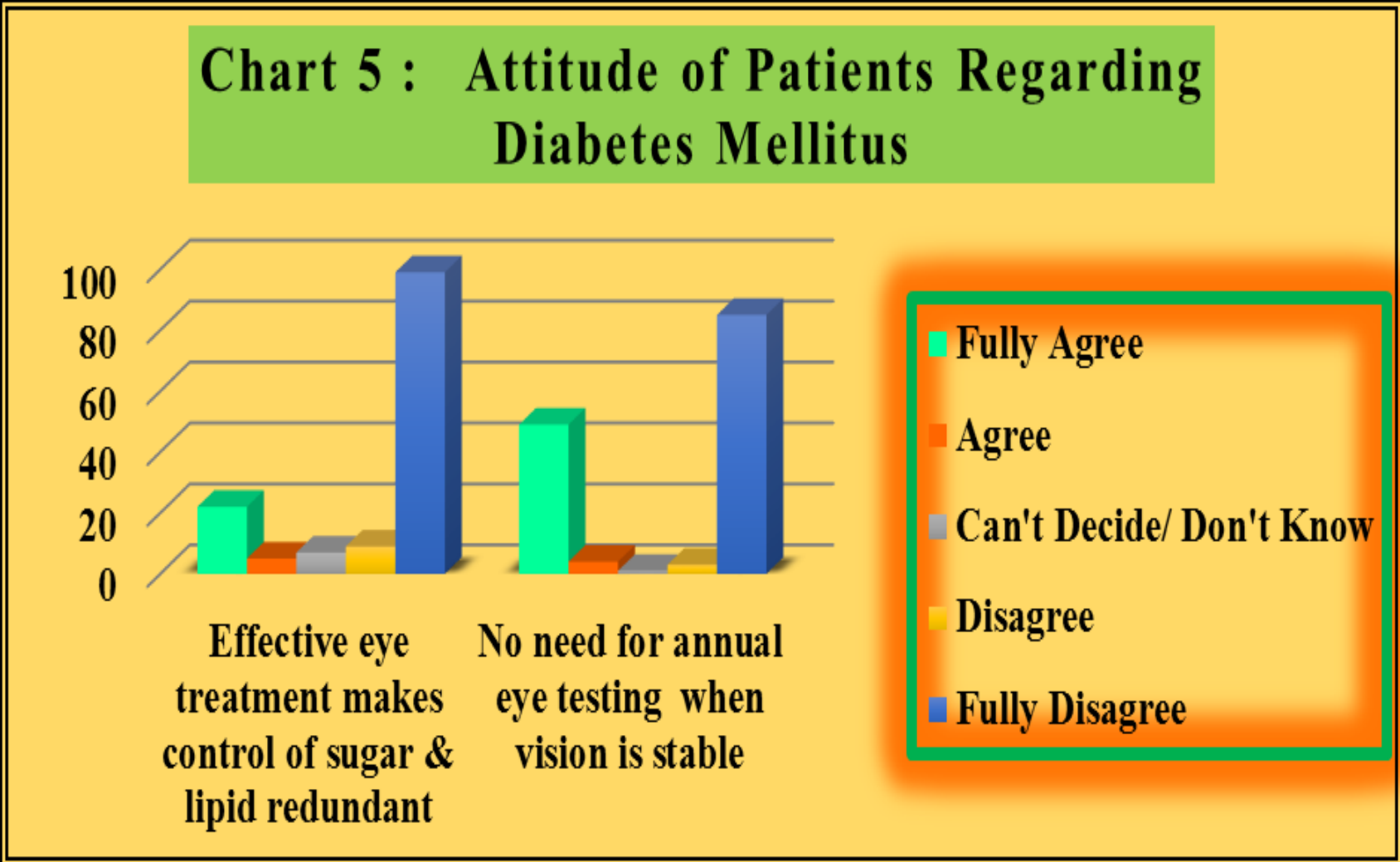
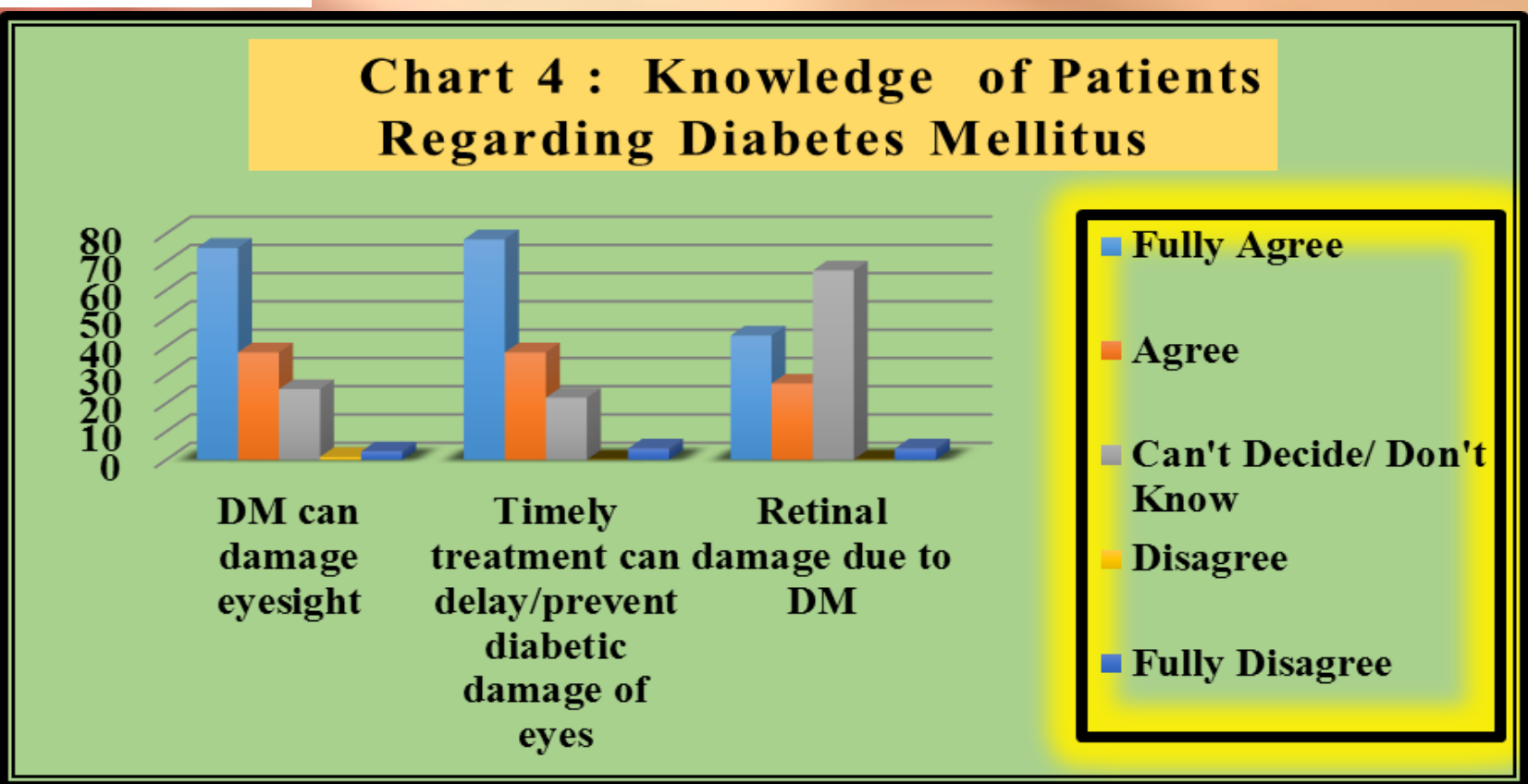
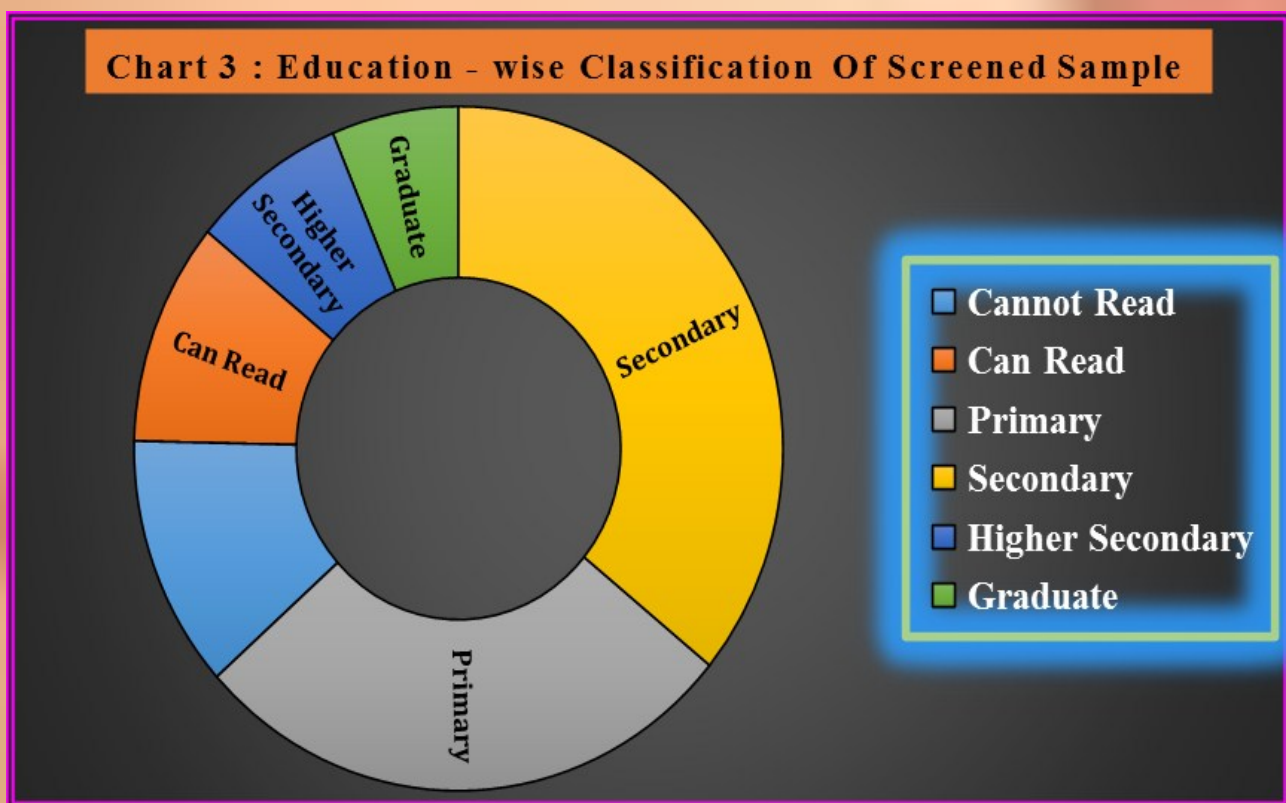
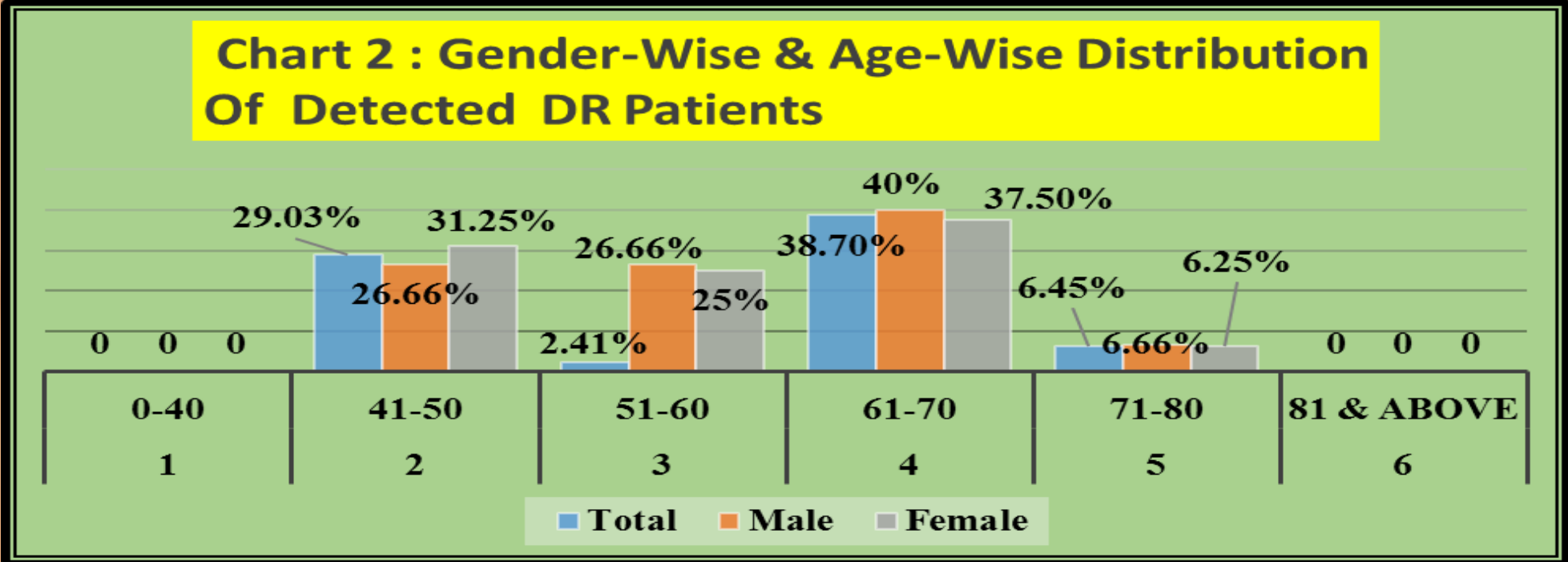
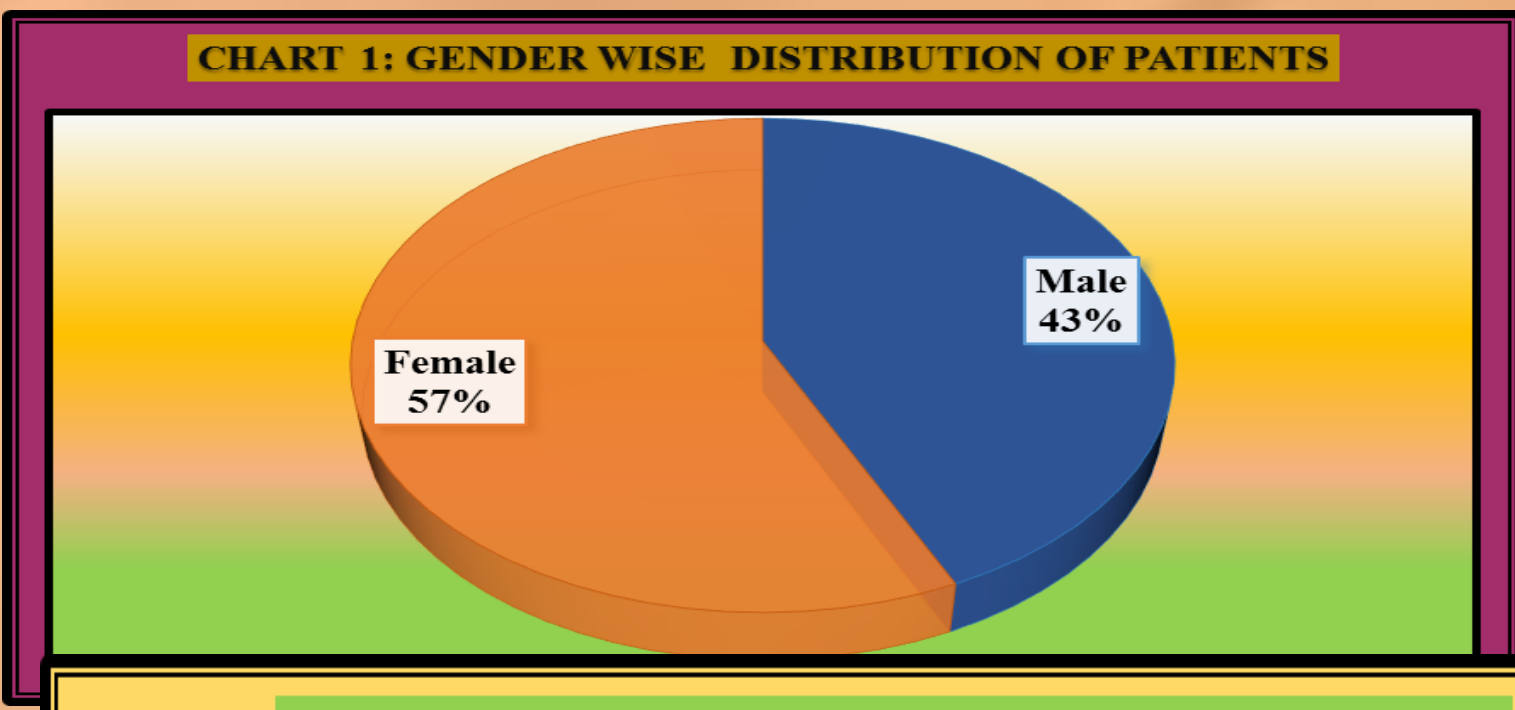


Kolkata DR pilot project started from April 2016 under KUCEEP . Mission for Vision (MFV) is an NGO working to combat avoidable blindness and promote a disability inclusive world. MFV, SNK & Sightsavers has a tripartite agreement wherein primary eye care services were undertaken by MFV & patients requiring advanced care & surgeries were referred to SNK. Advocacy with technical experts including awareness, screening , early treatment, tertiary referral are done by MFV. The partner hospital provided training, human resource & administrative support to operate the VC while the CBOs & govt. agencies who had a pre-existent community presence a better understanding of the community in terms of demographics & disease profile , provided basic infrastructure & implementation support. This design & approach led to increase in the accessibility of eye care services for the urban slum population of Kolkata & developed human resource to provide sustainable eye care services

OBJECTIVES : the primary objectives formulated for this study were :

- ♦ To assess the knowledge, attitude, & behavior of the patients towards diabetic eye diseases.
- ♦ To report the spectrum of Retinopathy at first presentation to screening.
- ♦ To determine the proportion & clinical characteristics of those presenting sight threatening diabetic retinopathy.

METHODOLOGY : This study was Observational cohort study based on purposive sampling to assess the knowledge, attitude, & behavior of the patients towards diabetic eye diseases. Data were collected through Commcare Apps containing qualitative & quantitative questionnaires for all the patients above the age of 40+ who are being screened for diabetic retinopathy for first time in VCs from 20th april'17 to 20th may'17 .



- BRIDGING GAPS**
- ♦ Usage of JEC materials, advertising through CBOs, usage of mass media such as TV & newspaper should be enhanced for deeper penetration in the community & to spread public awareness and BCC.
 - ♦ Proper referral pathway from the base hospital to the VC need to be strengthened enough
 - ♦ Not only MJS but EMR should be maintained for each & every patient
 - ♦ Starting of evening clinic with increased no of optoms in rotational duty can attract male working class who can also avail the services
 - ♦ BP measurement, RBS measurement & effective counselling by CHWs will also create trust , confidence & credibility of a patient.
 - ♦ Dilated eye examination, proper documentation will depict a comprehensive eye checkup
 - ♦ Further networking with diabetologist & pathlab technicians can see an upsurge in the growth rate
 - ♦ Even after signing MOU with WB Govt., response from RJO or other govt. hospitals is below the belt, which need urgent attention

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