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BACKGROUND

The retinal pathologies, main causes of blindness, produce a negative impact on patients' vision-related quality of life (vrQoL).

PURPOSE

To describe the baseline vrQoL on patients diagnosed with neovascular age-related macular degeneration (nAMD), diabetic macular oedema (DME) or branch/central retinal vein occlusion (B/CRVO).

MATERIAL AND METHODS

Observational, prospective study, from February 2014 to December 2016.

Patients diagnosed with nAMD, DME or B/CRVO, who began with intravitreal ranibizumab and no treatment before, were included. The study was approved by the local Ethics Committee.

National Eye Institute Visual Function Questionnaire (NEIVFQ-25)¹

Before treatment with intravitreal RANIBIZUMAB →

- 25-item questionnaire with 12 subscales
- Interviewer-administered format
- Previous informed consent

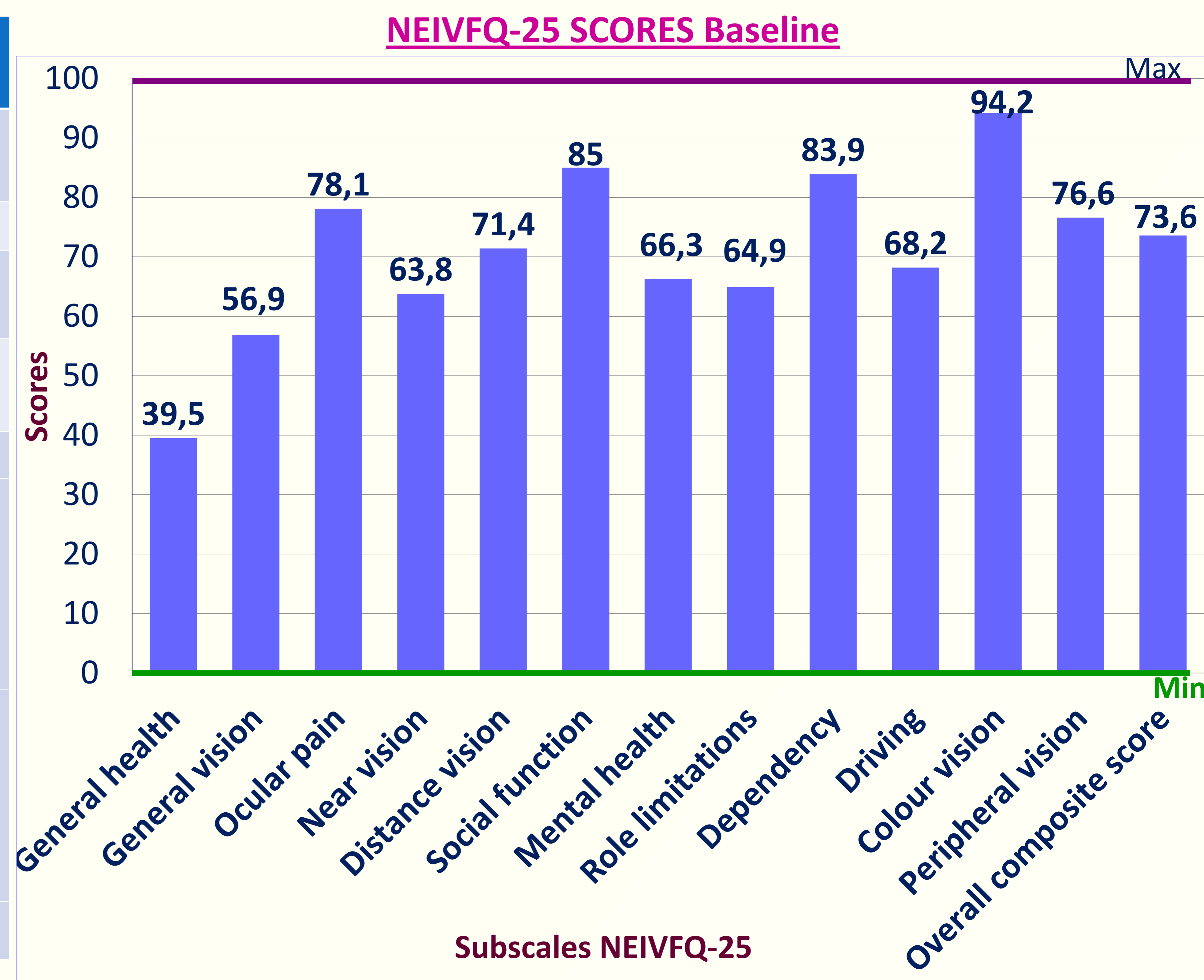


Collect data: sex, age, retinal pathology, affected eye, baseline best-corrected visual acuity (BCVA), other ocular and systemic pathologies, glycated hemoglobin (HbA1c) level in diabetic patients.

Statistical analysis: SPSS version 20.0.

RESULTS

PATIENTS INCLUDED: 93	Mean ± SD / n (%)
SEX	Females 55 (59,1%) Males 38 (40,9%)
AGE	74,1 ± 11,1
RETINAL PATHOLOGY	nAMD 63 (67%); DME 20 (21,3%) BRVO 8 (8,5%); CRVO 3 (3,2%)
AFFECTED EYE	Right 40 (43%); left 29 (31,2%) bilateral 24 (25,8%)
BCVA (logMar)	0,8 ± 0,7
OTHER OCULAR PATHOLOGIES	no cataract 45 (48,4%); cataract without surgery 17 (18,3%) pseudoaphakia 31 (33,3%) glaucoma 7 (7,5%) vitrectomy 3 (3,2%)
SYSTEMIC PATHOLOGIES	cardiovascular disease 29 (31,2%) hypertension 62 (66,7%) diabetes mellitus 30 (32,3%) hypercholesterolaemia 13 (14%) previous stroke 1 (1,1%)
HbA1c	7,9% ± 1,4



CONCLUSION

General health, general vision, near vision, mental health and role limitations are several affected in patients retinal pathologies. Social function, dependency and colour vision are the lowest affected.

REFERENCES

1. Mangione CM (2000) The National Eye Institute 25-Item Visual Function Questionnaire (NEIVFQ-25) Scoring Algorithm – August 2000.