

ABSTRAK

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Judul Laporan Karya Tulis Ilmiah : Teknik Dispensing Lensa Progressive Dalam Menunjang Kualitas Penglihatan Pasien Presbyopia Di Optik Gendon Salatiga.

Jumlah lampiran 11 + 51 Halaman + 1 tabel + 14 gambar + lampiran akhir 2

Latar Belakang : Seseorang yang mengalami kelainan rabun dekat atau *presbyopia*, pasien sangat membutuhkan alat bantu berupa kacamata dengan lensa progressive. Proses tehnik dispensing yang harus sangat diperhatikan untuk kenyamanan dan kualitas penglihatan pasien.

Tujuan : Tujuan ini untuk mengetahui teknik dispensing lensa progressive dalam menunjang kualitas penglihatan pasien presbyopia di Optik Gendon Salatiga.

Metode : Hasil ini dilakukan dengan metode deskriptif dengan rancangan penelitiannya menggunakan pendekatan studi kasus. Data yang berkaitan dengan kegiatan pre-edging dan post-edging diperoleh dari studi pustaka di Perpustakaan Universitas Widya Husada Semarang dan beberapa jurnal digital.

Hasil Penelitian : Hasil menunjukkan paparan kasus seorang pasien saat pre-edging ditemukan dari pandangan depan, tingkat kesejajaran frame nampak simetris. Dari pandangan samping, sudut pantoscopic sekitar 10 derajat dan rim tidak menyentuh bagian pipi sehingga tidak perlu dilakukan fitting. Hasil observasi post-edging, pandangan depan kesejajaran frame, observasi sudut pantoscopic, posisi fitting cross, posisi kepala melihat jauh dan dekat sudah benar.

Kesimpulan : Berdasarkan hasil ini dapat disimpulkan bahwa tujuan akhir dari proses fitting lensa progressive pada penderita presbyopia ini adalah untuk mengetahui ukuran fitting yang sesuai, agar kacamata yang di fitting tersebut dapat difungsikan sebagai alat bantu penglihatan.

Saran : Sebelum proses dispensing harus lebih teliti dan keahlian refraksionis optisi sangat dibutuhkan dalam proses dispensing.

Kata Kunci : Presbiopia, Lensa, Progressiv, Penitikan Pupil Vertikal

Referensi : 10 (2021-2024)

ABSTRACT

Student Name : Rakha Adika Putra

Title of Scientific Paper Report: Progressive Lens Dispensing Technique To Support The Quality Of Presbyopia Patients' Vision At Optik Gendon Salatiga.

Number of appendices 11 + 51 Pages + 1 tables + 14 figures + final appendix 2

Background: Someone who experiences nearsightedness or presbyopia, the patient really needs a tool in the form of glasses with progressive lenses. The dispensing technique process must be considered carefully for the comfort and quality of the patient's vision.

Objective: This objective is to determine the progressive lens dispensing technique in supporting the quality of vision of presbyopia patients at Optik Gendon Salatiga.

Method: This study was conducted using a descriptive method with a research design using a case study approach. Data related to pre-edging and post-edging activities were obtained from literature studies at the Widya Husada University Library in Semarang and several digital journals.

Research Results : The results of the study showed a case presentation of a patient during pre-edging found from the front view, the level of frame alignment appeared symmetrical. From the side view, the pantoscopic angle is around 10 degrees and the rim does not touch the cheek so that fitting is not necessary. The results of post-edging observations, front view frame alignment, pantoscopic angle observations, fitting cross positions, head positions looking far and near are correct.

Conclusion : Based on the results of this study, it can be concluded that the ultimate goal of the progressive lens fitting process for presbyopia sufferers is to determine the appropriate fitting size, so that the fitted glasses can function as a visual aid.

Suggestion : Before the dispensing process, it must be more careful and the expertise of an optical refractionist is needed in the dispensing process.

Keyword : Presbyopia, Lens, Progressive, Vertical Pupil Deflection

Reference : 10 (2021- 2024)