

Public knowledge about keratoconus: a cross-sectional online survey in Brazil

Conhecimento público sobre o ceratocone: um questionário online transversal no Brasil

João Batista Ramos da Fonseca Filho , Alexandre Batista da Costa Neto , Dillan Cunha Amaral , Anderson Matheus Pereira da Silva , Amanda Luiza Pereira Souza , Nelson Sena Júnior , Louise Pellegrino G Esporcatte , Marcela Q Salomão , Aydano Pamponet Machado , Renato Ambrósio Júnior 

doi: 10.37039/1982.8551.20260045



Chart 1S. QUESTIONNAIRE (Translated version*)

1. Name (optional – if you would like to receive more information about keratoconus, please provide your email below):
2. Age:
3. Educational level: ☐ Elementary school ☐ Incomplete high school ☐ Completed high school ☐ Incomplete higher education ☐ Completed higher education ☐ Postgraduate studies
4. Sex: ☐ Male ☐ Female ☐ Other
5. Do you have any allergies? ☐ Yes ☐ No
6. Do you rub your eyes? ☐ Never ☐ Rarely (1 to 2 times a day) ☐ Frequently (3 to 6 times a day) ☐ Always
7. Do you wear glasses or contact lenses? ☐ Yes, glasses ☐ Yes, contact lenses ☐ Yes, both ☐ No
8. Do you have or know what keratoconus is? ☐ Yes, I have keratoconus ☐ I only know what it is, but I do not have the disease ☐ No
9. Do you know someone with keratoconus? ☐ Yes ☐ No
10. Keratoconus development depends on: ☐ Genetic predisposition ☐ Environmental factors (eye trauma or eye rubbing) ☐ Both genetic predisposition and environmental factors
11. Blurred vision (with increased astigmatism and myopia) and image distortion are symptoms of keratoconus. This statement is: ☐ True ☐ False
12. Keratoconus typically causes eye pain and inflammation. This statement is: ☐ True ☐ False
13. Do you agree that keratoconus affects both eyes? ☐ Yes, symmetrically ☐ Yes, but asymmetrically ☐ No
14. Eye rubbing causes and worsens keratoconus. This statement is: ☐ True ☐ False
15. Keratoconus is a disease that generally causes blindness. This statement is: ☐ True ☐ False
16. The use of contact lenses slows or stops keratoconus progression. This statement is: ☐ True ☐ False
17. Multidisciplinary therapeutic support with a psychologist and/or psychiatrist can help patients cope with keratoconus. This statement is: ☐ True ☐ False
18. Keratoconus is treated only through surgery. This statement is: ☐ True ☐ False
19. Corneal transplantation is the only surgical treatment for keratoconus. This statement is: ☐ True ☐ False

20. Treating ocular allergy (with anti-allergy and lubricating eye drops) is essential in managing keratoconus. This statement is:

- ☐ True
☐ False

21. Using lubricating eye drops with less toxic preservatives is more suitable for patients with keratoconus. This statement is:

- ☐ True
☐ False

22. Have you heard of corneal cross-linking before?

- ☐ Yes
☐ No

23. The purpose of corneal cross-linking is:

- ☐ To improve the patient's vision
☐ To stop disease progression

24. There is a minimum and maximum age for performing corneal cross-linking. This statement is:

- ☐ True
☐ False

25. Have you heard of intracorneal ring segment implantation to treat keratoconus?

- ☐ Yes
☐ No

* The original Portuguese version is available and can be requested from the corresponding author.