

Table 1

	Overall n (%)	Liverpool n (%)	Newcastle n (%)	Baltimore n (%)	Dublin n (%)
Question 1 What is keratoconus?					
- Thinning of the cornea	45 (22.5)	21 (42.0)	9 (18.0)	5 (10.0)	10 (20.0)
- Irregular astigmatism	67 (33.5)	28 (56.0)	24 (48.0)	9 (18.0)	6 (12.0)
- Protrusion of the cornea	80 (40.0)	8 (16.0)	25 (50.0)	11 (22.0)	36 (72.0)
Question 2 Are there risk factors for the occurrence of keratoconus?					
- Positive family history	63 (31.5)	22 (44.0)	8 (16.0)	14 (28.0)	19 (38.0)
- Allergies	26 (13.0)	12 (24.0)	4 (8.0)	5 (10.0)	5 (10.0)
- Eye rubbing	111 (55.5)	33 (66.0)	21 (42.0)	16 (32.0)	41 (82.0)
Question 3 What are symptoms of keratoconus?					
- Blurred vision (short-sightedness)	150 (75.0)	35 (70.0)	43 (86.0)	30 (60.0)	42 (84.0)
- Double/distorted vision (astigmatism)	58 (29.0)	30 (60.0)	11 (22.0)	8 (16.0)	9 (18.0)
- Light sensitivity	33 (16.5)	17 (34.0)	6 (12.0)	4 (8.0)	6 (12.0)
Question 4 What are consequences of untreated keratoconus?					
- Visual deterioration	150 (75.0)	36 (72.0)	39 (78.0)	27 (54.0)	48 (96.0)
- Inability to wear glasses	11 (5.5)	6 (12.0)	2 (4.0)	0 (0)	3 (6.0)
- Inability to wear contact lenses	11 (5.5)	2 (4.0)	8 (16.0)	50 (100)	2 (4.0)
- Restriction of current occupation	10 (5.0)	8 (16.0)	1 (2.0)	1 (2.0)	1 (2.0)
- Need for a corneal transplant	57 (28.5)	25 (50)	11 (22.0)	10 (20.0)	11 (22.0)
Question 5 What are treatment options for keratoconus?					
- Glasses	40 (20.0)	12 (25.0)	15 (30.0)	7 (14.0)	5 (10.0)
- Rigid contact lenses	102 (51.0)	25 (50.0)	32 (64.0)	30 (60.0)	15 (30.0)

- Corneal cross-linking	133 (66.5)	42 (84.0)	26 (52.0)	19 (38.0)	46 (92.0)
- Corneal transplant	98 (49.0)	32 (64.0)	16 (32.0)	18 (36.0)	32 (64.0)

The MKK is computed in the following way. There are five questions for which the minimal correct answers vary between three and five. The total number of correct answers is 18. The MKK of a person is the total number of correct replies times 100 divided by 18. Please note that MKK measures only the minimal knowledge. Additional knowledge that may be important is not measured. Percentage () of correct participants' (n = 200) answers are displayed.