

Prevalence of Myopia and Dry Eye Disease among the Digital Device Users of North South University Students



NB: Circle the corrected numbers (multiple responses possible for most of the questions). For questions 4.11, mentions the time duration for all selected devices.

Module 1: Demographic information of the respondent								
ID	1.1 Name	1.2 Sex	1.3 Age	1.4 Home District	1.5 Marital status	1.6 Pregnancy Status	1.7 Educational Status	1.8 Father's Education
	(Initial Letter)	1. Male 2. Female 3. Third gender	(In years)		1. Married 2. Unmarried 3. Widowed 4. Divorced/Separated	1. Yes 2. No 3. Not Applicable	1. Primary 2. Secondary high school 3. Higher secondary 4. University or higher 5. Madrasa 6. No schooling	1. Primary 2. Secondary high school 3. Higher secondary 4. University or higher 5. Madrasa 6. No schooling
1.9 Father's Occupation		1.10 Mother's Education		1.11 Mother's Occupation		1.13 Family Financial Condition		1.12 Type of Family
1. Government Job 2. Private Job 3. Business 4. NGO 5. Other:		1. Primary 2. Secondary high school 3. Higher secondary 4. University or higher 5. Madrasa 6. No schooling		1. Government Job 2. Private Job 3. Housewife 3. Business 4. NGO 5. Other:		1. Very much solvent 2. Quite solvent 3. Solvent 4. Poor 5. Not Applicable		1. The Nuclear Family 2. Joint Family 3. Extended Family 4. Other:

Module 2: Socio-economic information of the households				
2.1 No. of family members	2.2 No. of children	2.3 No. of older people (> 60 years)	2.4 No. of adult earning person	2.5 Family monthly income (BDT)

Module 3: Clinical treatment information	
Question	Options/Answers
3.1 Do you have any chronic disease/condition?	1. Yes 2. No
3.1a If 3.1 is YES, what was/were the disease/ diseases? Yes = 1; No = 2 [Note: Multiple responses possible]	
1. Diabetes 2. High BP. 3. CKD 4. CHD. 5. HTN. 6. Stroke/other CVD 7. Chronic respiratory disease (Bronchitis/COPD/Asthma)	
8. Others:	

Prevalence of Myopia and Dry Eye Disease among the Digital Device Users of North South University Students



3.1b	Are you suffering any of the problems? <i>(Multiple response possible)</i>	1.Acute ocular infections 2. Allergic conjunctivitis 3.Others (Specify):				
3.2a	Are you taking any treatment/on the medication for the chronic disease?	1. Yes 2. No				
3.2b	Systemic medication history is known to cause dry eyes and steroid use <i>(Multiple response possible)</i>	1.Antihistamine. 2.Anticholinergic. 3.Topical Steroids. 4.Anti-glaucoma 5.others:				
3.3	Has any of your household member have chronic disease?	1. Yes 2. No				
3.3a	If 3.3 is YES, Who has chronic disease in your family?	1.Mother 2.Father 3.Both 4.Don't have				
3.3b	What was/were the disease/ diseases? Yes = 1; No = 2 <i>[Note: Multiple responses possible]</i>					
	1.Diabetes 2. High BP. 3.CKD 4.CHD. 5.HTN. 6.Stroke/other CVD 7. Chronic respiratory disease (Bronchitis/COPD/Asthma 8.Others: _____					
3.4	Do you have to continue any ocular treatment within the last six months?	1. Yes 2. No				

Module 4: Myopia Questionnaire (“circle the number” and multiple responses possible)

Domain I: Refractive Error	4.1 Wearing Glasses	4.2 Purpose	4.3 Wearing contact lenses	4.4 Purpose	4.5 Type of contact lenses	4.6 Pattern of refractive error
	1.Yes 2.No (if yes)	1.Cosmetic use 2.Refractive error 3.Therapeutical	1.Yes 2.No (if yes)	1.Cosmetic use 2.Refractive error 3.Therapeutical	1.Soft 2.RGP 3.Therapeutic	1.Myopia 2.Hypermotropia 3.Astigmatism
Domain II: Family History	4.7 Parental myopia	4.8 Who has myopia	4.9 Previous ocular history of family members			
	1.Yes 2.No (if yes)	1.Father 2.Mother 3.Both	1. Glaucoma. 2.Cataract 3. Retinal Disease. 4. Keratoconus 5. Other (specify):			
Domain III: Near Work	4.10 Gadgets at home	4.11 Daily time spend	(1-3) hrs	(3-5) hrs	5 hrs>	4.12 Concerns about the near work-induced myopia
	1.Computer/Laptop 2.Mobile 3.Tablet	1.Laptop use 2.Tablet use 3.Mobile use 4.social media 5.Playing games 6.Device used in the darkroom				1.Near work can induce myopia 2.Face close to the book while reading 3.Face close to the book while writing

Prevalence of Myopia and Dry Eye Disease among the Digital Device Users of North South University Students



Domain IV: Outdoor activities	4.13 Outdoor activities weekdays (In hrs)	4.14 Outdoor activities weekend (In hrs)	4.15 Types of outdoor activities
			1.Exercise/GYM 2. Jogging. 3.Swimming. 4.Cycling. 5.Running. 6.Sports (Football, Cricket.....) 7.Participate religious activities. 8.Others (Specify):

Module 5: DEQ5 for Dry Eye Disease (DED) Questionnaire (Tick the appropriate answer)

Questions about “Eye Discomfort”		Never 0	Rarely 1	Sometimes 2	Frequently 3	Constantly 4
5.1	During a typical day in the last past month, how often did your eyes feel discomfort?					

Question		Never have it 0	1	2	3	4	Very intense 5
5.2	When your eyes felt discomfort, how intense was this feeling of discomfort at the end of the day, within two hours of going to bed?						

Questions about “Eye Dryness”		Never 0	Rarely 1	Sometimes 2	Frequently 3	Constantly 4
5.3	During a typical day in the last past month, how often did your eyes feel dry?					

Question		Never have it 0	1	2	3	4	Very intense 5
5.4	When your eyes felt dry, how intense was this feeling of dryness at the end of the day, within two hours of going to bed?						

Questions about “Watery Eyes”		Never 0	Rarely 1	Sometimes 2	Frequently 3	Constantly 4
5.5	During a typical day in the last past month, how often did your eyes look or feel excessively watery?					

Score	Q 5.1	Q 5.2	Q 5.3	Q 5.4	Q 5.5	Total