

Supplementary Table: All Participants' Responses *

Section 2: Knowledge					
2.1. Knowledge of the Transgender Identity					
#	Statement	Overall (N=249) n (%)	Pre-Clinical (N =113) n (%)	Clinical (N = 136) n (%)	p-value
1	Gender identity is always the same as sex assigned at birth. Strongly Disagree/Disagree Strongly Agree/Agree	146 (58.6) 67 (26.9)	62 (54.9) 38 (33.6)	84 (61.8) 29 (21.3)	0.073
2	Gender identity is synonymous with sexual orientation. Strongly Disagree/Disagree Strongly Agree/Agree	139 (55.8) 55 (22.1)	56 (49.6) 33 (29.2)	83 (61.0) 22 (16.2)	0.044
3	The transgender identity is an inherited condition. Strongly Disagree/Disagree Strongly Agree/Agree	111 (44.6) 71 (28.5)	53 (46.9) 36 (31.9)	58 (42.6) 35 (25.7)	0.171
4	The transgender identity is a contagious condition. Strongly Disagree/Disagree Strongly Agree/Agree	224 (90.0) 10 (4.0)	102 (90.3) 4 (3.5)	122 (89.7) 6 (4.4)	0.938
5	The transgender identity is a modern concept due to the influence of media. Strongly Disagree/Disagree Strongly Agree/Agree	175 (70.3) 23 (9.2)	80 (70.8) 14 (12.4)	95 (69.9) 9 (6.6)	0.166
6	The transgender identity is always a choice. Strongly Disagree/Disagree Strongly Agree/Agree	123 (49.4) 63 (25.3)	61 (54.0) 28 (24.8)	62 (45.6) 35 (25.7)	0.324
7	The transgender identity is a disease. Strongly Disagree/Disagree Strongly Agree/Agree	206 (82.7) 17 (6.8)	98 (86.7) 6 (5.3)	108 (79.4) 11 (8.1)	0.315
8	The transgender identity is a mental illness. Strongly Disagree/Disagree Strongly Agree/Agree	200 (80.3) 15 (6.0)	95 (84.1) 5 (4.4)	105 (77.2) 10 (7.4)	0.379
9	The term "transgender" is synonymous with "intersex". Strongly Disagree/Disagree Strongly Agree/Agree	116 (46.6) 15 (6.0)	52 (46.0) 7 (6.2)	64 (47.1) 8 (5.9)	0.984
10	The term "transgender" is synonymous with "transvestite". Strongly Disagree/Disagree Strongly Agree/Agree	95 (38.2) 17 (6.8)	28 (24.8) 11 (9.7)	67 (49.3) 6 (4.4)	< 0.001
2.2. Knowledge of Differences in Health Needs					
1	Individuals who identify as transgender always have physical deformities. Strongly Disagree/Disagree Strongly Agree/Agree	157 (63.1) 36 (14.5)	69 (61.1) 19 (16.8)	88 (64.7) 17 (12.5)	0.626
2	Patients who identify as transgender may have unique health risks and needs.				

	Strongly Disagree/Disagree Strongly Agree/Agree	51 (20.5) 132 (53.0)	27 (23.9) 52 (46.0)	24 (17.6) 80 (58.8)	0.130
3	Individuals who identify as transgender are naturally sterile and cannot reproduce. Strongly Disagree/Disagree Strongly Agree/Agree	73 (29.3) 76 (30.5)	29 (25.7) 43 (38.1)	44 (32.4) 33 (24.3)	0.062
4	Individuals who identify as transgender have a higher incidence of substance abuse than the general population. Strongly Disagree/Disagree Strongly Agree/Agree	48 (19.3) 77 (30.9)	21 (18.6) 32 (28.3)	27 (19.9) 45 (33.1)	0.620
5	Individuals who identify as transgender have a higher incidence of sexually transmitted illnesses than the general population. Strongly Disagree/Disagree Strongly Agree/Agree	39 (15.7) 95 (38.2)	24 (21.2) 31 (27.4)	15 (11.0) 64 (47.1)	0.003
6	Individuals who identify as transgender are more likely to develop mental illnesses than the general population. Strongly Disagree/Disagree Strongly Agree/Agree	36 (14.5) 129 (51.8)	19 (16.8) 54 (47.8)	17 (12.5) 75 (55.1)	0.447
7	Individuals who identify as transgender have higher suicide rates than the general population. Strongly Disagree/Disagree Strongly Agree/Agree	17 (6.8) 126 (50.6)	13 (11.5) 48 (42.5)	4 (2.9) 78 (57.4)	0.007
8	Individuals who identify as transgender who receive hormonal therapy are more susceptible to certain conditions as a result Strongly Disagree/Disagree Strongly Agree/Agree	21 (8.4) 82 (32.9)	11 (9.7) 25 (22.1)	10 (7.4) 57 (41.9)	0.004
9	There are sufficient physician treatment guidelines for patients who identify as transgender Strongly Disagree/Disagree Strongly Agree/Agree	129 (51.8) 27 (10.8)	54 (47.8) 12 (10.6)	75 (55.1) 15 (11.0)	0.438
10	There has been sufficient medical research conducted on the health of individuals who identify as transgender . Strongly Disagree/Disagree Strongly Agree/Agree	145 (58.2) 19 (7.6)	60 (53.1) 12 (10.6)	85 (62.5) 7 (5.1)	0.162
Section 3: Perceptions and Attitudes					
3.1. Societal Perceptions					
1	Individuals who identify as transgender are well-integrated into society. Strongly Disagree/Disagree Strongly Agree/Agree	229 (92.0) 5 (2.0)	104 (92.0) 3 (2.7)	125 (91.9) 2 (1.5)	0.738
2	Individuals who identify as transgender currently have equal access to education. Strongly Disagree/Disagree Strongly Agree/Agree	224 (90.0) 8 (3.2)	104 (92.0) 4 (3.5)	120 (88.2) 4 (2.9)	0.383

3	Individuals who identify as transgender currently have equal access to employment. Strongly Disagree/Disagree Strongly Agree/Agree	227 (91.2) 6 (2.4)	104 (92.0) 5 (4.4)	123 (90.4) 1 (0.7)	0.038
4	Individuals who identify as transgender currently have equal access to housing. Strongly Disagree/Disagree Strongly Agree/Agree	206 (82.7) 16 (6.4)	94 (83.2) 7 (6.2)	112 (82.4) 9 (6.6)	0.984
5	Individuals who identify as transgender currently have equal access to healthcare. Strongly Disagree/Disagree Strongly Agree/Agree	195 (78.3) 26 (10.4)	92 (81.4) 11 (9.7)	103 (75.7) 15 (11.0)	0.494
6	Individuals who identify as transgender currently have equal access to legal justice. Strongly Disagree/Disagree Strongly Agree/Agree	204 (81.9) 16 (6.4)	95 (84.1) 7 (6.2)	109 (80.1) 9 (6.6)	0.676
7	Individuals who identify as transgender are victims of societal harassment. Strongly Disagree/Disagree Strongly Agree/Agree	18 (7.2) 209 (83.9)	7 (6.2) 95 (84.1)	11 (8.1) 114 (83.8)	0.780
8	Society is accepting of individuals who identify as transgender Strongly Disagree/Disagree Strongly Agree/Agree	228 (91.6) 8 (3.2)	104 (92.0) 4 (3.5)	124 (91.2) 4 (2.9)	0.850
9	Individuals who identify as transgender frequently experience rejection by their own families. Strongly Disagree/Disagree Strongly Agree/Agree	26 (10.4) 204 (81.9)	9 (8.0) 94 (83.2)	17 (12.5) 110 (80.9)	0.436
10	Society feels that individuals who identify as transgender spread immorality and promiscuity. Strongly Disagree/Disagree Strongly Agree/Agree	23 (9.2) 167 (67.1)	9 (8.0) 77 (68.1)	14 (10.3) 90 (66.2)	0.818
11	Society feels that individuals who identify as transgender should remain confined to their designated localities. Strongly Disagree/Disagree Strongly Agree/Agree	31 (12.4) 173 (69.5)	14 (12.4) 82 (72.6)	17 (12.5) 91 (66.9)	0.513
3.2. Personal Attitudes					
1	I am comfortable around individuals who identify as transgender. Strongly Disagree Disagree Agree Strongly Agree	4 (1.6) 20 (8.0) 110 (44.2) 53 (21.3)	0 (0) 7 (6.2) 45 (39.8) 32 (28.3)	4 (2.9) 13 (9.6) 65 (47.8) 21 (15.4)	0.022
2	I would feel comfortable working closely with an individual who identifies as transgender in my workplace . Strongly Disagree	3 (1.2)	0 (0)	3 (2.2)	0.460

	Disagree Agree Strongly Agree	13 (5.2) 115 (46.2) 66 (26.5)	5 (4.4) 50 (44.2) 32 (28.3)	8 (5.9) 65 (47.8) 34 (25.0)	
3	I believe I could be friends with an individual who identifies as transgender. Strongly Disagree Disagree Agree Strongly Agree	2 (0.8) 10 (4.0) 117 (47.0) 72 (28.9)	0 (0) 8 (7.1) 50 (44.2) 32 (28.3)	2 (1.5) 2 (1.5) 67 (49.3) 40 (29.4)	0.137
4	As a doctor, I would be comfortable treating an individual who identifies as transgender. Strongly Disagree Disagree Agree Strongly Agree	1 (0.4) 6 (2.4) 100 (40.2) 118 (47.4)	0 (0) 4 (3.5) 48 (42.5) 52 (46.0)	1 (0.7) 2 (1.5) 52 (38.2) 66 (48.5)	0.577
5	I would feel comfortable having an individual who identifies as transgender working in my home . Strongly Disagree Disagree Agree Strongly Agree	3 (1.2) 17 (6.8) 103 (41.4) 71 (28.5)	0 (0) 10 (8.8) 46 (40.7) 32 (28.3)	3 (2.2) 7 (5.1) 40 (40.7) 32 (28.3)	0.440
6	I would feel comfortable being served by an individual who identifies as transgender at a store or restaurant . Strongly Disagree Disagree Agree Strongly Agree	2 (0.8) 5 (2.0) 131 (52.6) 98 (39.4)	0 (0) 2 (1.8) 63 (55.8) 43 (38.1)	2 (1.5) 3 (2.2) 68 (50.0) 55 (40.4)	0.654
7	I would feel comfortable sharing a living space with an individual who identifies as transgender. Strongly Disagree Disagree Agree Strongly Agree	4 (1.6) 33 (13.3) 80 (32.1) 53 (21.3)	1 (0.9) 22 (19.5) 33 (29.2) 27 (23.9)	3 (2.2) 11 (8.1) 47 (34.6) 26 (19.1)	0.047
8	I believe an individual who identifies as transgender should be treated with the same respect and dignity as any other person. Strongly Disagree Disagree Agree Strongly Agree	3 (1.2) 2 (0.8) 68 (27.3) 169 (67.9)	1 (0.9) 0 (0) 33 (29.2) 77 (68.1)	2 (1.5) 2 (1.5) 35 (25.7) 92 (67.6)	0.573
9	I would intervene to help if I saw an individual who identifies as transgender being teased or mistreated. Strongly Disagree Disagree Agree	4 (1.6) 1 (0.4) 126 (50.6)	1 (0.9) 1 (0.9) 64 (56.6)	3 (2.2) 0 (0) 62 (45.6)	0.262

	Strongly Agree	85 (34.1)	34 (30.1)	51 (37.5)	
10	I would be upset if someone I'd known for a long time revealed that they used to identify as a different gender.				0.291
	Strongly Disagree	33 (13.3)	11 (9.7)	22 (16.2)	
	Disagree	71 (28.5)	28 (24.8)	43 (31.6)	
	Agree	50 (20.1)	25 (22.1)	25 (18.4)	
	Strongly Agree	20 (8.0)	11 (9.7)	9 (6.6)	
11	I believe individuals who identify as transgender should have the opportunity to change their name.				0.675
	Strongly Disagree	3 (1.2)	2 (1.8)	1 (0.7)	
	Disagree	37 (14.9)	19 (16.8)	18 (13.2)	
	Agree	116 (46.6)	53 (46.9)	63 (46.3)	
	Strongly Agree	93 (37.3)	39 (34.5)	54 (39.7)	
12	Individuals who identify as transgender should be facilitated if they want to medically/surgically transition .				0.801
	Strongly Disagree	5 (2.0)	3 (2.7)	2 (1.5)	
	Disagree	5 (2.0)	3 (2.7)	2 (1.5)	
	Agree	104 (41.8)	44 (38.9)	60 (44.1)	
	Strongly Agree	91 (36.5)	41 (36.3)	50 (36.8)	
13	Individuals who identify as transgender should be allowed to raise children .				0.276
	Strongly Disagree	5 (2.0)	2 (1.8)	3 (2.2)	
	Disagree	6 (2.4)	3 (2.7)	3 (2.2)	
	Agree	111 (44.6)	45 (39.8)	66 (48.5)	
	Strongly Agree	82 (32.9)	36 (31.9)	46 (33.8)	
14	Individuals who identify as transgender should be forcefully sterilized.				0.054
	Strongly Disagree	145 (58.2)	60 (53.1)	85 (62.5)	
	Disagree	67 (26.9)	33 (29.2)	34 (25.0)	
	Agree	10 (4.0)	2 (1.8)	8 (5.9)	
	Strongly Agree	4 (1.6)	3 (2.7)	1 (0.7)	
Section 4. Clinical Experiences					
1	I feel individuals who identify as transgender are treated differently in a clinical setting.				0.863
	Strongly Disagree/Disagree	19 (7.6)	8 (7.1)	11 (8.1)	
	Strongly Agree/Agree	146 (58.6)	65 (57.5)	81 (59.6)	
2	I feel that it would be difficult to discuss sexual health with patients who identify as transgender .				0.146
	Strongly Disagree/Disagree	98 (39.4)	52 (46.0)	46 (33.8)	
	Strongly Agree/Agree	74 (29.7)	30 (26.5)	44 (32.4)	
3	I would feel unsure of how to address patients who identify as transgender.				0.046
	Strongly Disagree/Disagree	71 (28.5)	41 (36.3)	30 (22.1)	
	Strongly Agree/Agree	124 (49.8)	50 (44.2)	75 (54.4)	

4	I would feel unsure of how to perform a clinical examination on a patient who identifies as transgender. Strongly Disagree/Disagree Strongly Agree/Agree	86 (34.5) 95 (38.2)	46 (40.7) 39 (34.5)	40 (29.4) 56 (41.2)	0.175
5	I would feel unsure of the need for a chaperone while examining a patient who identifies as transgender. Strongly Disagree/Disagree Strongly Agree/Agree	80 (32.1) 85 (34.1)	41 (36.3) 33 (29.2)	39 (28.7) 52 (38.2)	0.269
Section 6. Perceived Need for Trans-health within the Medical Curriculum					
1	I need to be better educated about patients who identify as transgender to provide appropriate medical care for them. Strongly Disagree Disagree Agree Strongly Agree	3 (1.2) 6 (2.4) 103 (41.4) 120 (48.2)	0 (0) 3 (2.7) 43 (38.1) 60 (53.1)	3 (2.2) 3 (2.2) 60 (44.1) 60 (44.1)	0.374
2	I feel that occurrence and prevalence of diseases in people who identify as transgender should be taught in addition to the occurrence and prevalence in cis males and cis females. Strongly Disagree Disagree Agree Strongly Agree	3 (1.2) 10 (4.0) 123 (49.4) 91 (36.5)	1 (0.9) 4 (3.5) 52 (46.0) 44 (38.9)	2 (1.5) 6 (4.4) 71 (52.2) 47 (34.6)	0.765
3	I need to be taught how to take the medical history of a patient who identifies as transgender . Strongly Disagree Disagree Agree Strongly Agree	3 (1.2) 15 (6.0) 109 (43.8) 103 (41.4)	0 (0) 6 (5.3) 48 (42.5) 52 (46.0)	3 (2.2) 9 (6.6) 61 (44.9) 51 (37.5)	0.356
4	I need to be taught how to perform a clinical examination on a patient who identifies as transgender. Strongly Disagree Disagree Agree Strongly Agree	4 (1.6) 11 (4.4) 107 (43.0) 110 (44.2)	1 (0.9) 4 (3.5) 48 (42.5) 55 (48.7)	3 (2.2) 7 (5.1) 59 (43.4) 55 (40.4)	0.427
5	I need to be taught how to counsel patients who identify as transgender. Strongly Disagree Disagree Agree Strongly Agree	2 (0.8) 8 (3.2) 11 (44.6) 113 (45.4)	0 (0) 4 (3.5) 45 (39.8) 58 (51.3)	2 (1.5) 4 (2.9) 66 (48.5) 55 (40.4)	0.335
6	I need to be taught how to counsel the families of patients who identify as transgender . Strongly Disagree Disagree	2 (0.8) 8 (3.2)	0 (0) 6 (5.3)	2 (1.5) 2 (1.5)	0.289

	Agree Strongly Agree	104 (41.8) 124 (49.8)	44 (38.9) 58 (51.3)	60 (44.1) 66 (48.5)	
7	I need to be taught how to appropriately address patients who identify as transgender . Strongly Disagree Disagree Agree Strongly Agree	3 (1.2) 6 (2.4) 103 (41.4) 120 (48.2)	0 (0) 3 (2.7) 43 (38.1) 60 (53.1)	3 (2.2) 3 (2.2) 60 (44.1) 60 (44.1)	0.374
8	If not taught as part of the curriculum, I would specifically read up on medical trans-health issues and emergencies. Strongly Disagree Disagree Agree Strongly Agree	5 (2.0) 25 (10.0) 98 (38.6) 61 (24.5)	0 (0) 8 (7.1) 46 (40.7) 33 (29.2)	5 (3.7) 17 (12.5) 50 (36.8) 28 (20.6)	0.035
9	Medical students should be taught the rights of people who identify as transgender in longitudinal sessions . Strongly Disagree Disagree Agree Strongly Agree	4 (1.6) 13 (5.2) 108 (43.4) 100 (40.2)	1 (0.9) 3 (2.7) 51 (45.1) 51 (45.1)	3 (2.2) 10 (7.4) 57 (41.9) 49 (36.0)	0.109
10	Education on trans-health will fill a gap in students' medical knowledge. Strongly Disagree Disagree Agree Strongly Agree	2 (0.8) 8 (3.2) 120 (48.2) 95 (38.2)	0 (0) 1 (0.9) 56 (49.6) 48 (42.5)	2 (1.5) 7 (5.1) 64 (47.1) 47 (34.6)	0.062
11	Education on trans-health will improve patient care quality . Strongly Disagree Disagree Agree Strongly Agree	1 (0.4) 2 (0.8) 124 (49.8) 103 (41.4)	0 (0) 1 (0.9) 56 (49.6) 51 (45.1)	1 (0.7) 1 (0.7) 68 (50.0) 52 (38.2)	0.301
12	Learning about trans-health will make me a better doctor. Strongly Disagree Disagree Agree Strongly Agree	3 (1.2) 3 (1.2) 103 (41.4) 118 (47.4)	1 (0.9) 1 (0.9) 44 (38.9) 57 (50.4)	2 (1.5) 2 (1.5) 59 (43.4) 61 (44.9)	0.902
13	Incorporation of trans-health in the medical curriculum will encourage individuals who identify as transgender to seek medical help . Strongly Disagree Disagree Agree Strongly Agree	2 (0.8) 2 (0.8) 104 (41.8) 125 (50.2)	0 (0) 0 (0) 45 (39.8) 63 (55.8)	2 (1.5) 2 (1.5) 59 (43.4) 62 (45.6)	0.106

14	Learning and applying trans-health will improve the healthcare system of Pakistan.				
	Strongly Disagree	2 (0.8)	0 (0)	2 (1.5)	0.061
	Disagree	2 (0.8)	1 (0.9)	1 (0.7)	
	Agree	96 (38.6)	36 (31.9)	60 (44.1)	
	Strongly Agree	127 (51.0)	68 (60.2)	59 (43.4)	

* = (Responses marked *Unsure* are not included)

Appendix

Questionnaire

Section 1: Demographics

1. **Age:** □□ in years
2. **Gender (select one):** 1. Cis Male 2. Cis Female 3. Transgender 4. Other (please specify) _____
3. **Batch:** Class of 20□□
4. **Current residence:** 1. AKU Hostel / 2. Elsewhere in Karachi
5. **Previous City of Residence (prior to joining AKU):** _____
6. **Ethnicity (select one):** 1. Pashtun 2. Punjabi 3. Sindhi 4. Balochi 5. Muhajir 6. Mixed 7. Other (please specify) _____

Section 2: Knowledge

Written below are a series of statements. On a scale of 1 to 5, rate the degree of your agreement with each statement.

Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
(1)	(2)	(3)	(4)	(5)

2.1. Knowledge of the Transgender Identity

- 1) ____ Gender identity is always the same as sex assigned at birth.
- 2) ____ Gender identity is synonymous with sexual orientation.
- 3) ____ The transgender identity is an inherited condition.
- 4) ____ The transgender identity is a contagious condition.
- 5) ____ The transgender identity is a modern concept due to the influence of media.
- 6) ____ The transgender identity is always a choice.
- 7) ____ The transgender identity is a disease.
- 8) ____ The transgender identity is a mental illness.
- 9) ____ The term “transgender” is synonymous with “intersex”.
- 10) ____ The term “transgender” is synonymous with “transvestite”.

2.2. Knowledge of Differences in Health Needs

1. ____ Individuals who identify as transgender always have physical deformities.
2. ____ Patients who identify as transgender may have unique health risks and needs.
3. ____ Individuals who identify as transgender are naturally sterile and cannot reproduce.
4. ____ Individuals who identify as transgender have a higher incidence of substance abuse than the general population.

5. ____ Individuals who identify as transgender have a higher incidence of sexually transmitted illnesses than the general population.
6. ____ Individuals who identify as transgender are more likely to develop mental illnesses than the general population.
7. ____ Individuals who identify as transgender have higher suicide rates than the general population.
8. ____ Individuals who identify as transgender who receive hormonal therapy are more susceptible to certain conditions as a result.
9. ____ There are sufficient physician treatment guidelines for patients who identify as transgender.
10. ____ There has been sufficient medical research conducted on the health of individuals who identify as transgender.

Section 3: Perceptions and Attitudes

Written below are a series of statements. On a scale of 1 to 5, rate the degree of your agreement with each statement.

Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
(1)	(2)	(3)	(4)	(5)

3.1. Societal Perceptions

1. ____ Individuals who identify as transgender are well integrated into society.
2. ____ Individuals who identify as transgender currently have equal access to education.
3. ____ Individuals who identify as transgender currently have equal access to employment.
4. ____ Individuals who identify as transgender currently have equal access to housing.
5. ____ Individuals who identify as transgender currently have equal access to healthcare.
6. ____ Individuals who identify as transgender currently have equal access to legal justice.
7. ____ Individuals who identify as transgender are victims of societal harassment.
8. ____ Society is accepting of individuals who identify as transgender
9. ____ Individuals who identify as transgender frequently experience rejection by their own families.
10. ____ Society feels that individuals who identify as transgender spread immorality and promiscuity.
11. ____ Society feels that individuals who identify as transgender should remain confined to their designated localities.

3.2. Personal Attitudes

1. ____ I am comfortable around individuals who identify as transgender.
2. ____ I would feel comfortable working closely with an individual who identifies as transgender in my workplace.
3. ____ I believe I could be friends with an individual who identifies as transgender.
4. ____ As a doctor, I would be comfortable treating an individual who identifies as transgender.
5. ____ I would feel comfortable having an individual who identifies as transgender working in my home.

6. ____ I would feel comfortable being served by an individual who identifies as transgender at a store or restaurant.
7. ____ I would feel comfortable sharing a living space with an individual who identifies as transgender.
8. ____ I believe an individual who identifies as transgender should be treated with the same respect and dignity as any other person.
9. ____ I would intervene to help if I saw an individual who identifies as transgender being teased or mistreated.
10. ____ I would be upset if someone I'd known for a long time revealed that they used to identify as a different gender.
11. ____ I believe individuals who identify as transgender should have the opportunity to change their name.
12. ____ Individuals who identify as transgender should be facilitated if they want to medically/surgically transition.
13. ____ Individuals who identify as transgender should be allowed to raise children.
14. ____ Individuals who identify as transgender should be forcefully sterilized.

Section 4: Clinical Experiences

Written below are a series of statements. On a scale of 1 to 5, rate the degree of your agreement with each statement.

Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
(1)	(2)	(3)	(4)	(5)

1. ____ I feel individuals who identify as transgender are treated differently in a clinical setting.
2. ____ I feel that it would be difficult to discuss sexual health with patients who identify as transgender.
3. ____ I would feel unsure of how to address patients who identify as transgender.
4. ____ I would feel unsure of how to perform a clinical examination on a patient who identifies as transgender.
5. ____ I would feel unsure of the need for a chaperone while examining a patient who identifies as transgender.

Section 5: Personal Interactions

1. Have you ever interacted with someone who identifies as transgender? 1. Yes / 2. No (skip to question 5 if no)
2. How many friends do you have who identify as transgender? ____
3. As a medical student, have you ever interacted with an individual who identified as transgender, in a clinical setting? 1. Yes / 2. No
4. What is the closest relationship between you and an individual who identifies as transgender (select one):
 1. Self
 2. Sibling
 3. Patient
 4. Romantic partner
 5. Friend
 6. Teacher
 7. Coworker
 8. Acquaintance

5. Mark all the sources where you have heard or seen trans-health-related information (select all that apply):
1. Friends
 2. Family
 3. Television/ Movies / Documentaries
 4. News
 5. Social Media
 6. Books
 7. Class / seminar / community event

Section 6: Perceived Need for Trans-health within the Medical Curriculum

Written below are a series of statements. On a scale of 1 to 5, rate the degree of your agreement with each statement.

Strongly Disagree	Disagree	Unsure	Agree	Strongly Agree
(1)	(2)	(3)	(4)	(5)

1. ____ I need to be better educated about patients who identify as transgender to provide appropriate medical care for them.
2. ____ I feel that occurrence and prevalence of diseases in people who identify as transgender should be taught in addition to the occurrence and prevalence in cis males and cis females.
3. ____ I need to be taught how to take the medical history of a patient who identifies as transgender.
4. ____ I need to be taught how to perform a clinical examination on a patient who identifies as transgender.
5. ____ I need to be taught how to counsel patients who identify as transgender.
6. ____ I need to be taught how to counsel the families of patients who identify as transgender.
7. ____ I need to be taught how to appropriately address patients who identify as transgender.
8. ____ If not taught as part of the curriculum, I would specifically read up on medical trans-health issues and emergencies.
9. ____ Medical students should be taught the rights of people who identify as transgender in longitudinal sessions.
10. ____ Education on trans-health will fill a gap in students' medical knowledge.
11. ____ Education on trans-health will improve patient care quality.
12. ____ Learning about trans-health will make me a better doctor.
13. ____ Incorporation of trans-health in the medical curriculum will encourage individuals who identify as transgender to seek medical help.
14. ____ Learning and applying trans-health will improve the healthcare system of Pakistan.