

Table 1) Comparison between the Mean Scores of Knowledge of Risk Factors for Hepatitis/AIDS at the Barbershops and Brucellosis in Food Stores; and Knowing the Principles of Environmental Health in Experimental and Control Groups after Intervention at the End of the Study (n=36 per group)

Variables	Experimental Group	Control Group	P Value
Knowing the Hepatitis / AIDS Risk Factors			
Barber's Risk Behaviors in Transmitting Hepatitis / AIDS	0.46±0.30	0.31±0.11	0.043
The Most Effective Way in Preventing Hepatitis / AIDS in the Barber Shop	0.47±0.33	0.37±0.16	0.105
Ways of Using Hairdressing Equipment to Prevent Hepatitis / AIDS	0.47±0.33	0.31±0.11	0.023
Barbershop Overall Environmental Disinfection against Hepatitis / AIDS	0.42±0.22	0.31±0.11	0.211
Ways to Reduce the Risk of Blood in the Barbershop	0.46±0.30	0.35±0.13	0.091
Hepatitis / AIDS High-risk Groups	0.47±0.33	0.31±0.11	0.023
Effective Disinfectants against Hepatitis/ AIDS	0.47±0.33	0.35±0.13	0.053
Prevention of Hepatitis / AIDS after Exposure to Blood or Body Fluids	0.46±0.30	0.28±0.08	0.017
Mean Score of Knowledge of Hepatitis / AIDS	3.60±2.47	2.48±0.97	0.044
Identifying Brucellosis Risk Factors			
High Risk Foods for Brucellosis	0.46±0.30	0.31±0.11	0.043
Pathways of Brucellosis to Human	0.47±0.30	0.31±0.11	0.023
Animals Transmitting Brucellosis to Human	0.49±0.38	0.37±0.16	0.036
Ways of Human Exposure to Brucellosis in the Urban Areas	0.46±0.30	0.28±0.08	0.017
Human High-risk Behaviors Leading to Brucellosis	0.48±0.36	0.35±0.13	0.030
Cultural Beliefs Increasing Spreading Brucellosis in the Society	0.48±0.36	0.35±0.13	0.036
Symptoms of Brucellosis in Human	0.46±0.30	0.31±0.11	0.043
Governmental Policies Increasing Brucellosis in the Society	0.45±0.27	0.28±0.08	0.032
Mean Score of Knowledge of Brucellosis	3.63±2.66	2.43±0.97	0.023
Mean Score of Total Scores of Knowledge about Hepatitis / AIDS and Brucellosis	7.17±5.11	4.91±1.94	0.032
Knowing the Principles of Environmental Health			
Environmental Effects of the Lack of Wastewater Treatment	0.36±0.48	0.43±0.25	0.313
Consequences of the use of Pesticides in Agricultural Products	0.50±0.50	0.42±0.22	0.014
Health Environmental Problems Diminishing with More Regulations	0.48±0.36	0.45±0.27	0.455
Environmental Factors Facilitating Diseases caused by Medical Carrier Arthropods	0.47±0.33	0.46±0.30	0.804
Main Causes of Soil Contamination with Chemicals Harmful for the Environment	0.50±0.47	0.43±0.25	0.051
Principles of Preparation of Vermicompost	0.52±0.50	0.42±0.22	0.007
Ways of Prevention of Air Pollution inside Home	0.50±0.44	0.42±0.22	0.046
Bans on the use of Urban Wastewater	0.50±0.41	0.37±0.16	0.019
Health Problems Caused by the Waste of Bread	0.50±0.41	0.40±0.19	0.041
Causes of Crimean Fever in Jobs related to the Livestock	0.50±0.44	0.40±0.19	0.023
Mean Score of Total Score of Knowledge of Environmental Health	4.39±4.27	3.77±2.30	0.045

Table 2) Comparison between the Mean Scores of Teaching Satisfaction in Society-based Teaching, Research, and Health Education in the Society in Experimental and Control Groups after Intervention (n = 36 per group)

Teaching Aspects	Experimental Group	Control Group	P Value
Environmental Health Society-based Education			
Students' Higher Learning in Teaching Environmental Health with a Focus on the Society	3.25±1.27	2.83±1.23	0.162
Promoting Students- Teachers Cooperation in Learning based on the Society-based Teaching	2.91±1.27	2.72±1.18	0.505
Increasing Occupational Skills of the Medical Students through Knowing Health Problems	3.16±1.44	2.72±1.13	0.151
Expanding the Students` Learning through Knowing the Social Causes of the Illnesses	3.13±1.37	2.66±1.30	0.140
Students' Higher Interest in Health Course through Observing the Social Causes of the Illnesses	3.08±1.46	2.61±1.15	0.133
Mean Score of Satisfaction with Society-based Health Teaching	15.55±3.05	13.55±3.91	0.018
Research-based Teaching in the Society			
Students` Higher Interest in the Health Course through Health Problems Studies	3.11±1.36	2.83±1.23	0.368
Students' Higher Skills to Find the Social Reasons of Diseases in the Teaching Method	2.91±1.36	2.80±1.23	0.718
Increased Understanding of the Social Causes of the Diseases through Studies about Health Problems	3.19±1.32	2.83±1.23	0.235
Learning Health Course through Setting a Questionnaire to Investigate the Causes of Health Problems	3.38±1.49	2.61±1.20	0.018
Higher Interest in the Course through Articles related to the Health Problems	3.08±1.33	2.63±1.19	0.142
Students` Higher Interest in the Course through Data Collecting and Analysis	3.30±1.50	2.72±1.20	0.075
Utilizing the Principles of Research Methodology and Statistics to Find the Causes of Health Problems of the Society	3.47±1.36	2.75±1.20	0.020
Completed Learning in the Classroom through Team-based Teaching during the Study	3.08±1.38	2.58±1.15	0.100
Mean Score of Satisfaction with Teaching based on the Studies in the Society	25.55±6.01	21.77±6.77	0.015
Teaching based on the Health Education in the Society			
Occupational Higher Skills of the Students through Health Education in the Society	3.08±1.33	2.63±1.19	0.105
Clarity and better Understanding of Health Problems in the Society through Health Education	3.30±1.50	2.72±1.20	0.038
Higher Interest in the Course through Health Education Planning based on the Results of the Study in the Society	3.47±1.36	2.75±1.20	0.010
Health Education Planning in the Society through Statistical Analysis of Health Problem Data	3.08±1.38	2.58±1.15	0.073
Mean Score of Teaching Satisfaction in the Society-based Health Education	12.94±2.93	10.69±3.53	0.001

