

Relationship between gastritis and food safety knowledge and practices.

	Gastritis	N	Mean	SD
Knowledge Pre-test	No	134	7.1716	3.4017
	Yes	24	7.4167	2.9623
Knowledge Gain	No	121	3.8182	3.8730
	Yes	24	4.8750	3.3142
Average Practices Pre-test	No	134	3.0205*	0.3601
	Yes	24	2.8552	0.3087
Average Practices Gain	No	131	0.3630	0.4509
	Yes	24	0.5058	0.5168
Observation Pre	No	49	9.9592	3.3226
	Yes	14	8.7143	3.7505
Observation Gain	No	44	1.1136	3.1712
	Yes	13	4.1538*	4.4506

* p<0.05.

Relationship between cancer and food safety knowledge and practices.

	Cancer	N	Mean	SD
Knowledge Pre-test	No	146	7.0822	3.3125
	Yes	12	8.7500	3.3063
Knowledge Gain	No	134	4.0299	3.8112
	Yes	11	3.5455	3.7514
Average Practices Pre-test	No	146	3.0013	0.3542
	Yes	12	2.9236	0.3972
Average Practices Gain	No	143	0.3773	0.4502
	Yes	12	0.4780	0.6102
Observation Pre	No	54	9.5926	3.3619
	Yes	9	10.2222	3.9930
Observation Gain	No	49	1.6939	3.5012
	Yes	8	2.5000	4.9281

Relationship between immune disorders and food safety knowledge and practices.

	Immune	N	Mean	SD
Knowledge Pre-test	No	154	7.1299	3.2190
	Yes	4	10.2500	6.2915
Knowledge Gain	No	141	4.0922	3.7945
	Yes	4	0.5000	1.7321
Average Practices Pre-test	No	154	2.9953	0.3612
	Yes	4	3.0000	0.1021
Average Practices Gain	No	151	0.3875	0.4631
	Yes	4	0.2969	0.5138
Observation Pre	No	60	9.6333	3.3897
	Yes	3	10.6667	4.9329
Observation Gain	No	54	2.0185	3.6575
	Yes	3	-2.0000	2.0000

Relationship between prior food safety instruction and food safety knowledge and practices.

	Instruction	N	Mean	SD
Knowledge Pre-test	No	101	6.8515	3.2354
	Yes	53	7.9245	3.5401
Knowledge Gain	No	93	4.7097*	3.8095
	Yes	48	2.7917	3.4761
Average Practices Pre-test	No	101	2.9976	0.3058
	Yes	53	2.9839	0.4489
Average Practices Gain	No	98	0.4030	0.3735
	Yes	53	0.3851	0.5946
Observation Pre	No	31	10.0323	3.1036
	Yes	31	9.1935	3.7006
Observation Gain	No	27	1.4074	2.5609
	Yes	30	2.1667	4.4882

*p<0.05.

Relationship between having had food poisoning and food safety knowledge and practices.

	Poisoning	N	Mean	SD
Knowledge Pre-test	No	142	7.3099	3.2966
	Yes	13	5.8462	3.6480
Knowledge Gain	No	129	4.0465	3.8321
	Yes	13	4.0769	3.7072
Average Practices Pre-test	No	142	3.0168*	0.3424
	Yes	13	2.7478	0.4541
Average Practices Gain	No	139	0.3619	0.4286
	Yes	13	0.7070*	0.6767
Observation Pre	No	49	10.0612*	3.2494
	Yes	12	7.4167	3.2602
Observation Gain	No	45	1.0667	3.3194
	Yes	12	4.5833*	3.8248

*p<0.05.

Relationship between gender and food safety knowledge and practices.

	Gender	N	Mean	SD
Knowledge Pre-test	Female	144	7.3542	3.1788
	Male	21	6.0952	3.7537
Knowledge Gain	Female	132	3.7652	3.8835
	Male	19	4.2105	3.8090
Average Practices Pre-test	Female	144	3.0139	0.3588
	Male	21	2.9118	0.3096
Average Practices Gain	Female	141	0.3475	0.4889
	Male	21	0.4362	0.3449
Observation Pre	Female	54	9.8889	3.4786
	Male	9	8.4444	3.0046
Observation Gain	Female	49	2.0816	3.7905
	Male	8	0.1250	2.5877

Relationship between race and food safety knowledge and practices.

	Race^a	N	Mean	SD
Knowledge Pre-test	White	60	6.7167	3.2106
	Black	96	7.5104	3.3717
Knowledge Gain	White	55	4.2545	4.3385
	Black	88	3.6477	3.5817
Average Practices Pre-test	White	60	3.0179	0.3021
	Black	96	2.9955	0.3794
Average Practices Gain	White	58	0.3100	0.3665
	Black	95	0.3715	0.5071
Observation Pre	White	19	10.3158	3.3674
	Black	38	8.9211	3.3722
Observation Gain	White	18	1.6111	3.4665
	Black	36	2.0833	3.7445

^a Other races categories were excluded from analysis because there were not enough participants in those categories.

Relationship between income, number of adults and children in the home, age, number of meals prepared in the home, and food safety knowledge and practices.

		Income	No. Other Adults	No. Children	Age	No. Meals
Knowledge Pre-test	Pearson Correlation	0.047	-0.047	-0.019	0.095	0.175*
	N	150	165	165	165	151
Knowledge Gain	Pearson Correlation	0.105	-0.086	0.019	-0.046	-0.012
	N	138	151	151	151	140
Average Practices Pre-test	Pearson Correlation	0.121	0.030	0.029	0.139*	0.154*
	N	150	165	165	165	151
Average Practices Gain	Pearson Correlation	0.022	-0.084	-0.005	-0.088	-0.014
	N	148	162	162	162	148
Observation Pre	Pearson Correlation	0.174	-0.102	-0.297**	0.331**	-0.040
	N	60	63	63	63	59
Observation Gain	Pearson Correlation	0.204	-0.171	0.102	-0.109	0.113
	N	54	57	57	57	56

** p<0.01.

*p<0.05.

Relationship between concern for food safety issues and food safety knowledge and practices.

		Concern	Preservatives	Bacteria	Pesticides
Knowledge Pre-test	Spearman's rho	0.147*	0.130	0.233**	0.188*
	N	156	145	146	144
Knowledge Gain	Spearman's rho	-0.027	-0.081	-0.066	-0.083
	N	144	133	134	132
Average Practices Pre-test	Spearman's rho	0.047	0.109	0.238**	0.210**
	N	153	145	146	144
Average Practices Gain	Spearman's rho	0.051	0.029	0.011	0.005
	N	153	143	144	142
Observation Pre	Spearman's rho	-0.011	0.043	0.323*	0.250*
	N	63	59	60	59
Observation Gain	Spearman's rho	0.266*	0.187	-0.026	0.069
	N	57	55	55	55

**p<0.01.

*p<0.05.

Relationship between education, vision, hearing, place of residence, and food safety knowledge and practices.

		Education	Vision	Hearing	Residence
Knowledge Pre-test	Spearman's rho N	0.190* 142	0.090 156	0.140* 155	0.108 162
Knowledge Gain	Spearman's rho N	-0.063 130	0.081 143	0.080 142	-0.096 148
Average Practices Pre-test	Spearman's rho N	0.205** 142	0.125 156	0.040 155	0.092 162
Average Practices Gain	Spearman's rho N	-0.206** 139	0.033 153	0.078 152	-0.097 159
Observation Pre	Spearman's rho N	0.281* 55	0.096 62	-0.069 62	0.294* 63
Observation Gain	Spearman's rho N	-0.192 49	0.089 57	0.145 56	-0.245* 57

**p<0.01.

*p<0.05.

Relationship between help when traveling to the grocery store, with meal preparation, and food safety knowledge and practices.

		Help traveling to grocery store	Help with meal preparation
Knowledge Pre-test	Spearman's rho	-0.186*	-0.141*
	N	154	154
Knowledge Gain	Spearman's rho	-0.024	0.045
	N	141	141
Average Practices Pre-test	Spearman's rho	-0.007	-0.119
	N	154	154
Average Practices Gain	Spearman's rho	-0.022	-0.076
	N	151	151
Observation Pre	Spearman's rho	-0.128	-0.153
	N	63	62
Observation Gain	Spearman's rho	-0.009	-0.120
	N	57	56

*p<0.05.

VITA

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