

Table 8. Pre-test vs Post-test 1 Knowledge and Attitude Score Differences Between Groups

	Conversation Map Pre-test	Traditional Education Pre-test	Conversation Map Post-test 1	Traditional Education Post-test 1	*Unpaired t-test between group differences
Number of participants (n)	10	11	10	11	
Knowledge Score					
Mean ± SD	15.20 ± 3.43	14.73 ± 2.41	18.10 ± 1.60	16.18 ± 1.40	ns
(Range)	(9.00 to 19.00)	(10.00 to 19.00)	(15.00 to 20.00)	(13.00 to 18.00)	
Attitude Score Overall					
Mean ± SD	123.80 ± 15.88	131.27 ± 13.86	143.30 ± 13.38	134.63 ± 13.19	p=0.0011
(Range)	(97.00 to 150.00)	(109.00 to 158.00)	(124.00 to 159.00)	(109.00 to 153.00)	
Attitude- Need for special training					
Mean ± SD	4.14 ± 0.422	4.29 ± 0.58	4.51 ± 0.50	4.34 ± 0.54	ns
(Range)	(3.40 to 4.80)	(3.20 to 5.00)	(3.50 to 5.00)	(3.20 to 5.00)	
Attitude- Seriousness of type 2 diabetes					
Mean ± SD	3.84 ± 0.53	3.92 ± 0.71	4.51 ± 0.44	4.14 ± 0.53	p=0.040
(Range)	(2.86 to 4.71)	(2.28 to 4.71)	(3.71 to 5.00)	(3.29 to 4.88)	

Note.* Statistically significant at 95% CI p<0.05

Table 8. Pre-test vs Post-test 1 Knowledge and Attitude Score Differences Between Groups

	Conversation Map Group Pre- test	Traditional Education Group Pre-test	Conversation Map Group Post- test 1	Traditional Education Group Post –test 1	*Unpaired t-test between groups
Number of participants: n	10	11	10	11	
Attitude- Value of blood glucose control					
Mean ± SD	3.97 ± 0.59	4.10 ± 0.56	4.46 ± 0.41	4.17 ± 0.58	ns
(Range)	(3.14 to 4.86)	(3.14 to 5.00)	(3.86 to 5.00)	(3.42 to 5.00)	
Attitude- Psychosocial impact of diabetes					
Mean ± SD	3.45 ± 0.62	3.97 ± 0.614	4.06 ± 0.66	4.06 ± 0.64	p= 0.032
(Range)	(2.67 to 4.80)	(2.83 to 4.83)	(2.67 to 4.80)	(2.83 to 5.00)	
Attitude- Patient Autonomy					
Mean ± SD	3.59 ± 0.78	3.65 ± 0.64	4.15 ± 0.53	3.80 ± 0.66	ns
(Range)	(2.13 to 4.75)	(2.63 to 4.75)	(3.38 to 4.88)	(2.63 to 4.75)	

Note. * Statistically significant at 95% CI p<0.05

Table 9. Pre-test vs Post-test 2 Knowledge and Attitude Score Differences Between Groups

	Conversation Map Pre-test	Traditional Education Pre-test	Conversation Map Post-test 2	Traditional Education Post-test 2	Unpaired t-test between group differences
Number of participants (n)	10	11	10	11	
Knowledge Score					
Mean ± SD	15.20 ± 3.43	14.73 ± 2.41	17.9 ± 1.79	15.82 ± 1.60	ns
(Range)	(9.00 to 19.00)	(10.00 to 19.00)	(10.00 to 20.00)	(13.00 to 18.00)	
Attitude Score Overall					
Mean ± SD	123.80 ± 15.88	131.27 ± 13.86	146.60 ± 13.18	135.55 ± 12.99	p=0.0006
(Range)	(97.00 to 150.00)	(109.00 to 158.00)	(127.00 to 160.00)	(109.00 to 154.00)	
Attitude- Need for special training					
Mean ± SD	4.14 ± 0.422	4.29 ± 0.58	4.74 ± 0.35	4.40 ± 0.54	p=0.0082
(Range)	(3.40 to 4.80)	(3.20 to 5.00)	(4.00 to 5.00)	(3.20 to 5.00)	
Attitude- Seriousness of type 2 diabetes					
Mean ± SD	3.84 ± 0.53	3.92 ± 0.71	4.61 ± 0.48	4.14 ± 0.54	p=0.015
(Range)	(2.86 to 4.71)	(2.28 to 4.71)	(3.71 to 5.00)	(3.29 to 5.00)	

Note. * Statistically significant at 95% CI p<0.05

Table 9. Pre-test vs Post-test 2 Knowledge and Attitude Score Differences Between Groups

	Conversation Map Pre-test	Traditional Education Pre-test	Conversation Map post-test 2	Traditional Education post-test 2	Unpaired t-test between group differences
Number of participants (n)	10	11	10	11	
Attitude- Value of blood glucose control					
Mean ± SD	3.97 ± 0.59	4.10 ± 0.56	4.53 ± 0.44	4.20 ± 0.54	p= 0.038
(Range)	(3.14 to 4.86)	(3.14 to 5.00)	(3.86 to 5.00)	(3.43 to 5.00)	
Attitude- Psychosocial impact of diabetes					
Mean ± SD	3.45 ± 0.62	3.97 ± 0.614	4.33 ± 0.71	4.12 ± 0.66	p=0.012
(Range)	(2.67 to 4.80)	(2.83 to 4.83)	(2.83 to 5.00)	(2.83 to 5.00)	
Attitude- Patient Autonomy					
Mean ± SD	3.59 ± 0.78	3.65 ± 0.64	4.20 ± 0.49	3.82 ± 0.70	ns
(Range)	(2.13 to 4.75)	(2.63 to 4.75)	(3.28 to 4.88)	(2.63 to 5.00)	

Note. * Statistically significant at 95% CI p<0.05