

Table 2 Comparison between groups on knowledge and attitude regarding medical research

Questions	Education	Control	X ²	P
1.Are you familiar with ‘medical research’?				
Yes	123(95.3%)	17(13.2%)		
No	6(4.7%)	112(86.8%)		
			0.01755	0.0
2.Do you know the methods of medical research?				
Yes	129(100%)	2(1.6%)		
No	0(0%)	127(98.4%)		
			0.025	0.0
3.Do you know ‘Informed consent’?				
Yes	124(96.1%)	7(5.4%)		
No	5(3.9%)	122(94.6%)		
			0.0212	0.0
4.Have you heard about ‘Ethical committee’?				
Yes	125(96.9%)	2(1.6%)		
No	4(3.1%)	127(98.4%)		
			0.0234	0.0
5.Do you know ‘placebo’?				
Yes	124(96.1%)	4(3.1%)		
No	5(3.9%)	125(96.9%)		
			0.0223	0.0
6.Do you know <i>Declaration of Helsinki</i>?				
Yes	127(98.4%)	1(0.8%)		
No	2(1.6%)	128(99.2%)		
			0.0422	0.0
7.What do you think about doing medical research in people?				
Support	125(96.9%)	72(55.8%)		
Not support	2(1.6%)	30(23.3%)		
Not sure	2(1.6%)	27(20.9%)		
			60.311	0.0
8. Do you think it is necessary to develop medical research in hospital?				
I do	129(100%)	119(92.2%)		
I do not	0(0%)	4(3.1%)		
Not sure	0(0%)	6(4.7%)		
			10.403	0.006
9.Do you think it is good for your health to participate in medical research?				
Yes	108(83.7%)	74(57.4%)		
No	7(5.4%)	28(21.7%)		
Not sure	14(10.9%)	27(20.9%)		
			23.074	0.0
10.Do you think medical research is animal research?				
Yes	24(18.6%)	47(36.4%)		

No	91(70.5%)	55(42.6%)		
Not sure	14(10.9%)	27(20.9%)		
			20.449	0.0
11.Are you worried about your privacy?				
Yes	20(15.5%)	41(31.8%)		
No	105(81.4%)	77(59.7%)		
Not sure	4(3.1%)	11(8.5%)		
			14.804	0.01
12.Would you like to accept the research results from other patients in your own treatment?				
Yes, I would	124(96.1%)	85(65.9%)		
No, I would not	4(3.1%)	27(20.9%)		
Not sure	1(0.8%)	17(13.2%)		
			38.564	0.0
13.Would you like to participate in a medical research?				
Yes, I would	114(88.4%)	75(58.1%)		
No, I would not	11(8.5%)	48(37.2%)		
Not sure	4(3.1%)	6(4.7%)		
			31.651	0.0
14.Do you agree that teenagers and children participate in medical research?				
Yes, I agree	85(65.9%)	25(19.4%)		
No, I don't agree	29(22.5%)	91(70.5%)		
Not sure	15(11.6%)	13(10.1%)		
			64.903	0.0
15.Would you like the clinical researchers or ethical committee to get access to your medical records and follow up?				
Yes, I would	116(89.39%)	90(69.8%)		
No, I would not	8(6.2%)	28(21.7%)		
Not sure	5(3.9%)	11(8.5%)		
			16.643	0.0
16.Would you like to know the result if you have participate in a medical research?				
Yes, I would	101(78.3%)	93(72.1%)		
No, I would not	0(0%)	9(7%)		
Not sure	28(21.7%)	27(20.9%)		
			9.538	0.008
17.Would you like your family to support your participation in medical research and get informed of the research result?				
Yes	97(75.2%)	74(57.4%)		
No	21(16.3%)	39(30.2%)		
Not to matter	11(8.5%)	16(12.4%)		
			9.419	0.009
18.Would you like to change your unhealthy life style (e.g. smoking) if needed for medical research?				
Yes	123(95.2%)	111(86.1%)		

Not	2(1.6%)	8(6.2%)		
Not to matter	2(1.6%)	7(5.4%)		
I don't have unhealthy life style	2(1.6%)	3(2.3%)		

13.415 0.009

19.If you choose to participate in medical research, would you ask the researchers to allocate you to the group as you wish?

Yes	96(74.4%)	72(55.8%)		
No	10(7.8%)	16(12.4%)		
Not to matter	23(17.8%)	41(31.8%)		

9.876 0.007
