

Table 2. Professional identity of the role of pharmacists and other HCPs in implementing pharmacogenomics.

Survey Question	Pre vs post-module survey improvements in each Cohort (p-value) ^a			Pairwise comparisons of the proportions (%) of students that 'strongly agree' in post-module survey between the three Cohorts				Post-module survey comparison of proportion (%) of students who "strongly agree" among those who did/did not undergo self-pharmacogenomic testing in Cohort C ^b		
	A (n=60)	B (n=21)	C (n=114)	A (n=252)	B (n=49)	C (n=209)	p-value ^b	Test (n=86)	No Test (n=22)	p-value
I believe that pharmacists can use pharmacogenomic testing to optimise medication efficacy and/or prevent adverse events	<0.0001	0.0078	0.0006	73	71	70	ns*	80	68	0.2550
I believe that physicians/general practitioners can use pharmacogenomic testing to optimise medication efficacy and/or prevent adverse events	<0.0001	0.0312	<0.0001	69	80	73	ns	80	73	0.4429
I believe that pharmacogenomic testing is critical for optimal patient care	<0.0001	0.0742	<0.0001	63	55	62	ns	65	55	0.3596
I believe that pharmacogenomic testing is best utilised when pharmacists and medical doctors work together to optimise medications	0.0054	0.1250	0.0266	73	77	75	ns	83	68	0.1352
Pharmacogenomics will play an important role in my future career as a pharmacist	0.0012	0.0010	<0.0001	39	35	39	ns	48	36	0.3416
All pharmacists understand the clinical application of pharmacogenomics	0.0904	0.001	<0.0001	18	24	27	A vs C, p=0.0172	27	18	0.5824 ^c
I understand the role of pharmacists in applying pharmacogenomic information to patient care	<0.0001	0.0002	<0.0001	36	27	44	B vs C, p=0.0289	48	32	0.1817
I may encounter pharmacogenomics-related questions during my practice as a pharmacist	0.0004	0.0605	<0.0001	45	33	39	ns	49	23	0.0317 ^c
Pharmacogenomic should be taught in all pharmacy schools	0.0004	0.0361	0.0008	52	39	52	ns	65	27	0.0016

^ap-value of Wilcoxon matched-pairs signed rank test

^bp-value of Chi-Squared test unless otherwise stated

^cp-value of Fisher's exact test

ns indicates that none of the three pairwise comparisons are significant

