

Online Supplementary Document

Ding et al. Effect of physician characteristics and knowledge on the quality of dyslipidemia management and LDL-C target goal achievement in China: Subgroup analysis of the Dyslipidemia International Study

J Glob Health 2017;7:020702

Supplemental Table 1. The distribution of samples in tier 1, 2 and 3 hospitals in their locations

Numbers of hospitals	Location	The grades of hospitals			Total	P-value
		Tier 1	Tier 2	Tier 3		
	North	5 (15.2%)	5 (16.1%)	11 (19.3%)	21 (17.4%)	0.9144
	Northeast	5 (15.2%)	5 (16.1%)	6 (10.5%)	16 (13.2%)	
	East	5 (15.2%)	5 (16.1%)	16 (28.1%)	26 (21.5%)	
	Central	8 (24.2%)	5 (16.1%)	10 (17.5%)	23 (19.0%)	
	Southwest	5 (15.2%)	6 (19.4%)	7 (12.3%)	18 (14.9%)	
	Northwest	5 (15.2%)	5 (16.1%)	7 (12.3%)	17 (14.0%)	
	Total	33 (100.0%)	31 (100.0%)	57 (100.0%)	121 (100.0%)	

Supplemental Table 2. Data of information that the figure 1 is based on for plot

	Total	Physician perception (%)	Patients' goal attainment (%)	p-value (Physician perception)	p-value (Patients goal attainment)
Tier 1	6100	65.4(3992/6100)	47.7(1904/3992)		
Tier 2	6353	81.8(5198/6353)	58.0(3015/5198)	<0.0001*	<0.0001*
Tier 3	12864	75.2(9680/12864)	57.6(5573/9680)	<0.0001*	<0.0001*
Cardio.	7187	78.4(5634/7187)	66.0(3719/5634)		
Neurol.	2886	77.9(2248/2886)	54.6(1227/2248)	0.5837#	<0.0001#
Endocr.	3830	73.7(2823/3830)	41.5(1172/2823)	<0.0001#	<0.0001#
Geriatr.	2886	76.8(2216/2886)	61.9(1372/2216)	0.0787#	0.0006#
Intern.Med.	6607	73.5(4854/6607)	47.9(2327/4854)	<0.0001#	<0.0001#
Gen.Med.	1921	57.0(1095/1921)	61.6(675/1095)	<0.0001	0.0055
Northeast	4559	59.8(2725/4559)	32.3(879/2725)		
North	4451	85.9(3825/4451)	62.1(2376/3825)	<0.0001▲	<0.0001▲
East	4245	77.3(3281/4245)	56.5(1853/3281)	<0.0001▲	<0.0001▲
Central	4086	75.6(3089/4086)	59.2(1828/3089)	<0.0001▲	<0.0001▲
Southwest	4045	78.8(3188/4045)	60.5(1928/3188)	<0.0001▲	<0.0001▲
Northwest	3931	70.3(2762/3931)	58.9(1628/2762)	<0.0001▲	<0.0001▲
Professor	5271	78.5(4137/5271)	53.9(2229/4137)		
Assoc.Prof	6590	75.8(4992/6590)	50.4(2517/4992)	0.0004●	0.0040●
Attending	8651	73.1(6323/8651)	52.0(3287/6323)	<0.0001●	0.0275●
Resident	4805	71.1(3418/4805)	47.6(1628/3418)	<0.0001●	<0.0001●

Note:* Compare to Tier 1, # Compare to Cardiology department, ▲ Compare to Northeast, ●Compare to Professor

Supplemental Table 3. Data of information that the figure 2 is based on for plot

	Total	Concordant with physician suggested LDL-C target values (%)	Patients goal attainment %	p-value (Concordant with physician suggested LDL-target values)	p-value (Patients goal attainment)
Tier 1	6100	51.7(3152/6100)	56.6(1785/3152)		
Tier 2	6353	63.4(4029/6353)	63.4(2555/4029)	<0.0001*	<0.0001*
Tier 3	12864	66.5(8550/12864)	60.4(5162/8550)	<0.0001	0.0003*
Cardio.	7187	66.5(4778/7187)	68.2(3260/4778)		
Neurol.	2886	68.3(1971/2886)	58.3(1150/1971)	0.0800 #	<0.0001 #
Endocr.	3830	61.6(2359/3830)	43.6(1029/2359)	<0.0001 #	<0.0001 #
Geriatr.	2886	66.9(1932/2886)	65.8(1272/1932)	0.6561 #	0.0582#
Intern.Med.	6607	57.6(3803/6607)	56.4(2146/3803)	<0.0001#	<0.0001#
Gen.Med.	1921	46.2(888/1921)	72.6(645/888)	<0.0001	0.0092
Northeast	4559	45.2(2060/4559)	39.9(822/2060)		
North	4451	75.8(3374/4451)	65.5(2211/3374)	<0.0001▲	<0.0001▲
East	4245	65.0(2758/4245)	59.7(1646/2758)	<0.0001▲	<0.0001▲
Central	4086	59.3(2423/4086)	64.1(1554/2423)	<0.0001▲	<0.0001▲
Southwest	4045	69.2(2800/4045)	62.5(1751/2800)	<0.0001▲	<0.0001▲
Northwest	3931	52.4(2060/3931)	73.7(1518/2060)	<0.0001▲	<0.0001▲
Professor	5271	67.1(3535/5271)	63.1(2229/3535)		
Assoc.Prof	6590	63.3(4169/6590)	60.4(2517/4169)	<0.0001●	0.0159●
Attending	8651	61.0(5277/8651)	62.3(3287/5277)	<0.0001●	0.4664●
Resident	4805	57.2(2750/4805)	53.4(1469/2750)	<0.0001●	<0.0001●

Note:* Compared to Tier 1, # Compare to Cardiology department, ▲ Compare to Northeast, ●Compare to Professor