

Supplementary Material to: Lather S, Abdul Azeez WB, Lam J, et al. Antibiotic use and guideline concordance in primary care acne management: A cross-sectional study. Ann Acad Med Singap 2024;54:752-4. DOI: <https://doi.org/10.47102/annals-acadmedsg.2025130>

Table S1. Descriptive statistics of 385 patients and 183 physicians involved in acne management.

Patient characteristics	Total (n=385)
Median age, years (IQR)	23 (18–29)
Race, no. (%)	
Chinese	288 (74.8)
Malay	35 (9.1)
Indian	40 (10.4)
Others	22 (5.7)
Sex, no. (%)	
Female	182 (47.3)
Male	203 (53.7)
Acne severity, no. (%)	
Mild	170 (44.2)
Moderate	91 (23.6)
Severe	18 (4.7)
Undocumented	106 (27.5)
Treatment, no. (%)	
No treatment	0 (0.0)
ARM only	111 (28.8)
Topical antibiotics only	94 (24.4)
Oral antibiotics only	37 (9.6)
Topical antibiotics + ARM	66 (17.1)
Oral antibiotics + ARM	61 (15.8)
Oral and topical antibiotics	7 (1.8)
Oral and topical antibiotics + ARM	9 (2.3)
Patient requested for dermatology referral, no. (%)	75 (19.5)
Clinically indicated (dermatology referral), no. (%)	67 (17.4)
Physician characteristics	Total (n=183)
Median no. of years of experience, (IQR)	9 (7–15)
Accredited primary care physicians, no. (%)	118 (64.5)
Physician's training location, no. (%)	
Local	98 (53.6)
Overseas	85 (46.4)

ARM: acne-related medications; IQR: interquartile range

Table S2. Multivariate logistic regression of factors affecting dermatology referrals for acne.

Study variables	B	P value	OR	95% CI for OR	
				Lower	Upper
Age	0.005	0.814	1.005	0.967	1.043
Sex (male)	0.211	0.551	1.24	0.62	2.47
Race (reference = Chinese)		0.642			
Malay	0.208	0.749	1.23	0.34	4.42
Indian	-0.464	0.467	0.63	0.18	2.19
Others	0.577	0.337	1.78	0.55	5.80
Acne severity (reference = mild)		<0.001			
Moderate	0.847	0.024	2.33	1.12	4.86
Severe	3.320	<0.001	27.7	7.68	99.7
No. of years of physician experience	0.021	0.384	1.022	0.974	1.072
Accredited primary care physician	0.112	0.764	1.12	0.54	2.32
Patient request dermatology referral	0.481	0.218	1.62	0.75	3.48

CI: confidence interval; OR: odds ratio