

Appendix A

Questionnaire Regarding Antibiotic Use: A Cross-Sectional Study Evaluating the Understanding, Usage and Perspectives of Medical Students and Pathfinders of a Public Defence University in Malaysia

First Part: Demographic Data

- 1-Year of birth
- 1a-Age
- 2-Gender: M F
- 3-Place of birth (Country) _____
- 4-Place of birth of the father (Country) _____
- 5-Place of birth of the mother (Country) _____
- 6-Does at least one member of your family (parents, children, husband/wife) work in a health-related field?
 - yes
 - no
- 7-Year of Study: 1/2/3/4/5
- 8-Session:
- 9-Ethnic Group:
- 10-Marital Status: Married/Unmarried/Divorce
- 11-Grade of Obtained in either Last Professional/Semester:
- 12-Are you a Cadet Officer/Territorial Army/Civil Student?

Second Part: Frequency of Antibiotic Use

- 7-Have you used antibiotics in the last year?
 - yes
 - no
- 8-If yes, how many times?
 - 1-2
 - 3-5
 - >5

Third Part: Knowledge about Antibiotics

9-Penicillin or Amoxicillin are antibiotics.

1	2	3	4
Total disagreement			Total agreement

10-Aspirin is an antibiotic.

1	2	3	4
Total disagreement			Total agreement

11-Paracetamol is an antibiotic.

1	2	3	4
Total disagreement			Total agreement

12-Antibiotics are useful for bacterial infections (e.g., Tuberculosis).

1	2	3	4
Total disagreement			Total agreement

13-Antibiotics are useful for viral infections (e.g., flu).

1	2	3	4
Total disagreement			Total agreement

14-Antibiotics are indicated to reduce any kind of pain and inflammation.

1	2	3	4
Total disagreement			Total agreement

15-Antibiotics can kill "good bacteria" present in our organism.

1	2	3	4
Total disagreement			Total agreement

16-Antibiotics can cause secondary infections after killing good bacteria present in our organism

1	2	3	4
Total disagreement			Total agreement

17–Antibiotics can cause allergic reactions.

1	2	3	4
Total disagreement			Total agreement

Fourth Part: Awareness about Antibiotic Resistance

18–Have you ever heard about antibiotic resistance?

- yes
- no

19–In particular, have you discussed the problem of antibiotic resistance during degree courses?

- yes
- no

20–Have you ever heard of it outside degree courses? If yes, where have you heard it from?

(More than one answer is possible)

- I have never heard about it outside a degree course
- General Practitioner
- Television
- Newspaper
- Web
- Other _____

21–Antibiotic resistance is a phenomenon for which a bacterium loses its sensitivity to an antibiotic.

1	2	3	4
Total disagreement			Total agreement

22–Misuse of antibiotics can lead to a loss of sensitivity of an antibiotic to a specific pathogen.

1	2	3	4
Total disagreement			Total agreement

23–If symptoms improve before it is completed the full course of antibiotic, you can stop taking it.

1	2	3	4
Total disagreement			Total agreement

Fifth Part: Attitudes Regarding Consumption of Antibiotics

24–Do you usually take antibiotics for the cold or a sore throat?

- yes
- no

25–Do you usually take antibiotics for fever?

- yes
- no

26–Do you usually stop taking antibiotics when you start feeling better?

- yes
- no

27–Do you take antibiotic only when prescribed by the doctor?

- yes
- no

28–Do you keep leftovers antibiotics at home because they might be useful in the future?

- yes
- no

29–Do you use leftovers antibiotics when you have cold, sore throat or flu without consulting your doctor?

- yes
- no

30–Do you buy antibiotics without a medical receipt?

- yes
- no

31–Have you ever started an antibiotic therapy after a simple doctor call, without a proper medical examination?

- yes
- no