

ANNEXURE 1: QUESTIONNAIRE

Effectiveness of a training program on the knowledge and awareness of antimicrobial resistance and stewardship among dental interns

Sl No.:

Age (in years):

Gender: M/F

Knowledge

K1. Are there any bacteria in human bodies which can be helpful for us?

Yes / No

K2. Can antibiotics be used to cure infections caused by bacteria?

Yes / No

K3. Can antibiotics be used to cure infections caused by viruses?

Yes / No

K4. Is it okay to stop taking antibiotics without finishing complete dose if you are feeling well?

Yes / No

K5. Should dental infection always be treated with antibiotics?

Yes / No

K6. Can antibiotics cause any side effects?

Yes / No

K7. Have you heard the term "Antibiotic Resistance"?

Yes / No

K8. Can antibiotics speed up the recovery process of cold and cough?

Yes / No

K9. Do you think frequent use of antibiotics can decrease occurrence of infection?

Yes / No

Attitude

A1. Do you think there exists misuse of the antibiotics?

Yes / No

A2. Is antibiotic resistance a problem in India?

Yes / No

A3. Does overuse of antibiotics result in antibiotic resistance?

Yes / No

A4. Does antibiotic resistance affect you or your family's health?

Yes / No

A5. Would you prefer a prescription containing antibiotics for dental infection?

Yes / No

A6. Do you think that taking less antibiotics than prescribed is more beneficial?

Yes / No

A7. Is it necessary to know "Rational use of antibiotics"?

Yes / No

A8. Would you visit for follow-up after taking antibiotics?

Yes / No

Practice

P1. Do you consult a doctor before starting an antibiotic?

Yes / No

P2. We can buy antibiotic from medicine shops/pharmacies directly.

Yes / No

P3. We can use antibiotics after the suggestions from friends/neighbour.

Yes / No

P4. Do you follow the advertisement (leaflets/internet etc.) while purchasing antibiotics?

Yes / No

P5. If one of your family members is sick, do you share the antibiotics together?

Yes / No

P6. If you have cold and cough and the doctor does not prescribe antibiotics, what would you do?

(Follow doctor's suggestion)

Yes / No

P7. Do you stop taking antibiotic without completing full course?

Yes / No

Clinical scenarios

Case 1: Imagine you are working in a private dental clinic. A healthy 9-year-old child, who is a patient of the clinic, visits during normal working hours with tooth pain in the lower right quadrant. On clinical examination, you notice a deep carious lesion on the mandibular right primary second molar. Would you prescribe antibiotics for the following:

Pain only? Yes / No

Pain and local swelling with no radiographic evidence of pathology? Yes / No

Pain and local swelling with radiographic evidence of pathology? Yes / No

Pain and facial swelling with radiographic evidence of pathology? Yes / No

Case 2: Imagine you are working in a private dental clinic. A healthy 9-year-old child, who is a patient of the clinic, visits during normal working hours with tooth pain in the lower right quadrant and a fever of 38.3°C. On clinical examination, you notice a deep carious lesion on mandibular right primary second molar. Would you prescribe antibiotics for the following:

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|--|----------|
| Pain and fever? | Yes / No |
| Pain, fever and local swelling with no radiographic evidence of pathology? | Yes / No |
| Pain, fever and local swelling with radiographic evidence of pathology? | Yes / No |
| Pain, fever and facial swelling with radiographic evidence of pathology? | Yes / No |

Case 3: Imagine you are working in a private dental clinic. A healthy 9-year-old child, who is a patient of the clinic, visits during normal working hours with tooth pain in the lower right quadrant. The child has no fever. On clinical examination, you notice a deep carious lesion on the mandibular right primary second molar along with a draining fistula. Would you prescribe antibiotics for the following:

- | | |
|---|----------|
| Pain with a draining fistula only? | Yes / No |
| Pain, draining fistula and local swelling with no radiographic evidence of pathology? | Yes / No |
| Pain, draining fistula and local swelling with radiographic evidence of pathology? | Yes / No |
| Pain, draining fistula and facial swelling with radiographic evidence of pathology? | Yes / No |

Case 4: Imagine you are working in a private dental clinic. The parent of a healthy 9-year-old child, who is a patient of the clinic, telephones you on a public holiday because the child has a chief complaint of tooth pain in the lower right quadrant. Would you prescribe antibiotics for the following symptoms, if the parent can collect the prescription:

- | | |
|---|----------|
| Pain only? | Yes / No |
| Pain and local swelling? | Yes / No |
| Pain and facial swelling? | Yes / No |
| I would see the child before prescribing antibiotics. | Yes / No |

Case 5: Imagine you are working in a private dental clinic. The parent of a healthy 9-year-old child, who is a patient of the clinic, telephones you on a public holiday and reports that the child has pain on the lower right quadrant with some warmth of the skin and some swelling that she noticed that morning. Would you prescribe antibiotics for the following symptoms, if the parent can collect the prescription?

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| Pain, warmth of the skin and localized swelling? | Yes / No |
| Pain, warmth of the skin and facial swelling? | Yes / No |
| I would see the child before prescribing antibiotic | Yes / No |

