**Survey:**

You have been requested to complete this survey as part of largest research project conducted by India Antimicrobial Stewardship and Resistance (INTEREST) 2018: A Needs Assessment Survey.

The research project is called India Antimicrobial Stewardship and Resistance (INTEREST) 2018: A Needs Assessment Survey and is designed to conduct a survey of existing antimicrobial stewardship strategies. Your responses are entirely voluntary. This survey is designed to be anonymous, meaning that there will be no way to connect your responses with you. By completing and submitting the survey, you affirm that you give your consent India Antimicrobial Stewardship and Resistance (INTEREST) 2018: A Needs Assessment Survey to use your answers in their research. If you have any questions about this research before or after you complete the survey, please contact Dr. Aditya Shah, Infectious Disease Fellow, Mayo Clinic, MN at shah.aditya@mayo.edu or Dr. Rahul Kashyap, Assistant Professor at kashyap.rahul@mayo.edu.

Thank you for participating, the survey will take less than 8 minutes to complete.

[Antimicrobial stewardship clinical practice questions: 7 mins + Demographics Qs: 1 min]

**Antimicrobial Clinical Practice:**

1. How many total inpatient beds are there in your hospital?
2. Primary work unit
3. Medicine In-Patient Floor or Ward
4. Other Floor or Ward
5. Medical ICU
6. Other ICU
7. Other
8. Do you have electronic medical records in your hospital?
9. Yes
10. No
11. Do you have access to internet/Wi-Fi in your work unit?
12. Yes
13. No
14. How is microbiology lab results/data stored at your hospital?
15. Paper chart- medical record room
16. Electronic medical records
17. In your best estimation, is it possible to- (Y/N)
18. Access recent (last 3 months) stored microbiological data?
19. Access past (1-2 years) stored microbiological data?
20. Get Institution review board or Ethics committee approval
21. Collect extra pertinent data going forward
22. What setting have you sent blood or urine cultures for a patient in? (Click all that apply
23. Inpatient hospital setting - Floor or Ward
24. Medical Intensive care unit (MICU)
25. Other Intensive care unit (ICU)
26. Which setting do you prescribe antibiotics in? (Click all that apply)
27. Inpatient hospital setting - Floor or Ward
28. Medical Intensive care unit (MICU)
29. Other Intensive care unit (ICU)
30. After sending out blood or urine cultures (Strongly disagree, disagree, undecided, agree, strongly agree)
31. Before sending out blood or urine cultures
32. After sending out blood or urine cultures
33. De-escalation or change in antibiotics happens (Strongly disagree, disagree, undecided, agree, strongly agree)
34. Before blood or urine culture results
35. After blood or urine culture results
36. Does not happen regardless
37. From where does the patient population at your hospital mainly come from?
38. Local
39. City
40. Nearby Rural areas
41. Regional
42. Out of state
43. In your estimation (Strongly disagree, disagree, undecided, agree, strongly agree)
44. It is easy for patients to get antibiotics from their local pharmacies without a prescription.
45. Antibiotic resistance is a major problem at your center.
46. I am familiar with Antimicrobial Stewardship programs
47. Do you have a formal infectious disease department at your hospital? (Fellowship trained infectious disease specialists) (Y/N)
48. Influenza/pandemic related programs
49. Hand hygiene programs
50. Isolation precaution programs
51. Influenza/pandemic related programs
52. Surveillance programs for hospital acquired infections
53. Intervention programs to prevent or control hospital acquired infections
54. Occupational health programs
55. Which of the following health care associated infections (HAIs) are tracked or reported at your hospital? Click all that apply
56. Catheter associated urinary tract infections
57. Catheter associated blood stream infections
58. Ventilator associated pneumonia
59. Clostridium difficile associated infections

**Demographics:**

1. What is the organizational structure at your hospital?
2. Government Hospital tertiary care
3. Academic teaching Hospital with medical college
4. Private Non-Teaching Hospital/Private Nursing home (without MD, DM, diploma seats)
5. Private Non-Corporate Teaching Hospital (or with MD, DM, diploma seats)
6. Private Teaching Hospital (or with MD, DM, diploma seats)
7. Other
8. Your age
9. Your sex (Male/Female)
10. Your level of training
11. Consultant/Staff
12. Resident- PGY-1
13. Resident- PGY-2
14. Resident- PGY-3 and above
15. City of hospital
16. Zip code of hospital
17. State of hospital
18. How were you reached to complete this survey?
19. WhatsApp
20. Email
21. Facebook
22. Text message
23. Phone