

ASSESSMENT OF THE IMPACT OF AN ARIVU-IFK SOFTWARE IN PUBLIC EDUCATION ABOUT INFECTIOUS DISEASES, ANTIBIOTIC USAGE AND RESISTANCE IN INDIA

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OBJECTIVES



This study aims to assess the impact of an educational software named 'ARIVU-IFK' which is developed for public awareness and education on infections and antibiotic usage.

METHODS



- Questionnaire to assess baseline knowledge
- Development of Software ARIVU-IFK
- Re-administration of questionnaire

RESULT

There was a marked improvement in the level of knowledge about infections, antibiotics, and its resistance from pre- intervention to post- intervention and this difference was statistically significant (p value <0.001).

	Pre-Intervention (mean)	Post-Intervention
knowledge about infections	2.8	4.2
knowledge about antibiotics, and its resistance	2.8	6.4



CONCLUSION



The implementation of a software tailored to bridge the end users' knowledge gap significantly improved the attitude and awareness towards infections and antibiotics.

REFERENCE

Arivu Infection Free Kerala. Antibiotic Resistance and Infection.2020 [online]. Available from <https://play.google.com/store/apps/details?id=com.arivu.kerala>