

ASSESSMENT OF KNOWLEDGE, ATTITUDE AND PRACTICE OF DENTAL STUDENTS REGARDING MANAGEMENT OF FOREIGN BODY INGESTION/ASPIRATION IN PATIENTS UNDERGOING DENTAL TREATMENT: A WEB-BASED QUESTIONNAIRE STUDY

METHODOLOGY

MATERIALS AND METHOD

A cross-sectional web-based questionnaire study

Sent via e-mail

Data collected via Google Forms

SELECTION OF PARTICIPANTS

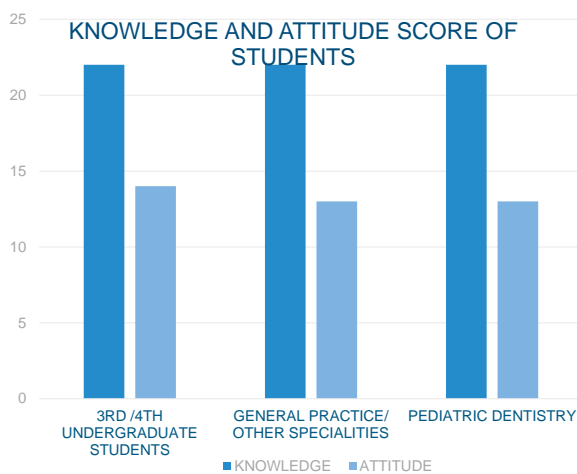
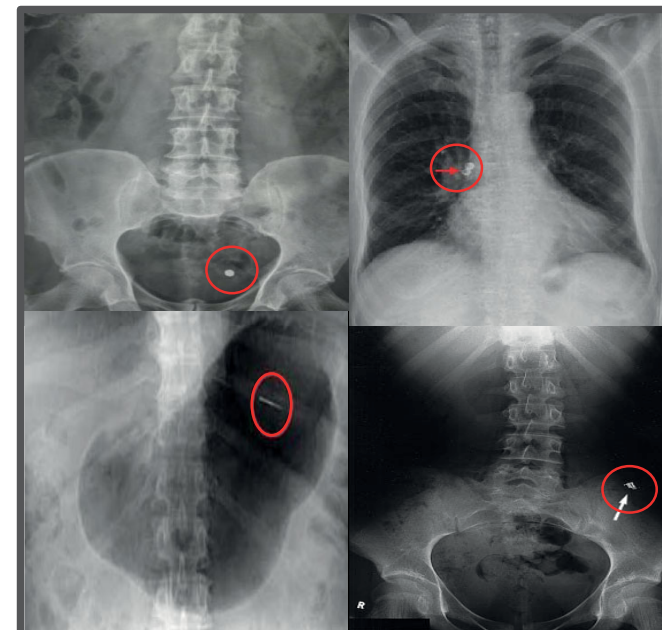
undergraduate students who have entered clinics

recently graduated

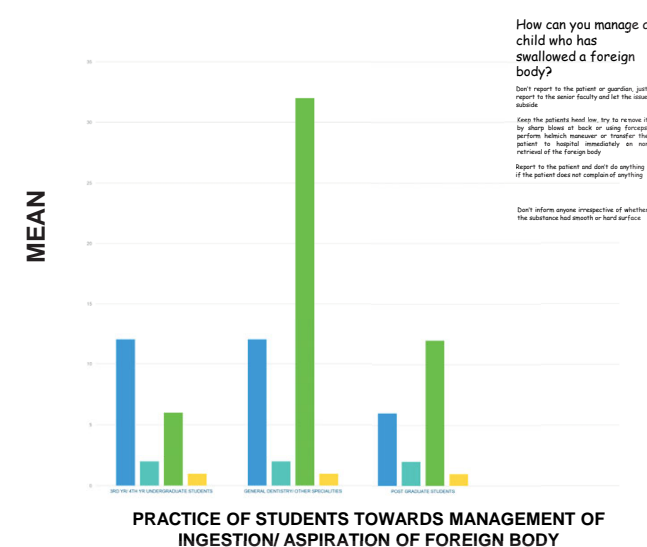
post-graduate students

QUESTIONNAIRE DESIGN

A pre-validated set of 26 questions divided into Knowledge, Attitude and Practice categories.



	Practice	N	Mean ±Std. Deviation	P value
Knowledge Score	3rd year/ 4th year Undergraduate	72	22.29±1.45	0.60 ^{NS}
	General practice/ other specialties	159	21.75±2.58	
	Pediatric dentistry	72	21.83±1.90	
Attitude score	3rd year/ 4th year Undergraduate	72	13.95±1.16	0.17 ^{NS}
	General practice/ other specialties	159	13.33±1.55	
	Pediatric dentistry	72	13.25±1.59	

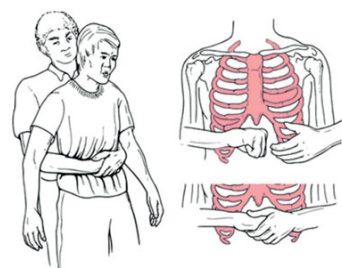


WHAT WE DO?



WHAT WE SHOULD LEARN

BLS
Basic Life Support
for Healthcare Providers



Heimlich Maneuver

HOW TO INCREASE KAP

Regular seminars and workshops to increase awareness amongst dental students

Emergency mock drills on dummies and live patients to evaluate preparedness of a student to handle such a situation

RESULTS

Undergraduate, graduate and post graduate students have knowledge about the ingestion/aspiration of foreign bodies during dental procedures. However, there was no statistically significant difference in knowledge and attitude scores amongst them.

CONCLUSION

This study concludes that though there is awareness amongst dental students regarding ingestion/ aspiration of various materials during dental procedures, the reporting of such accidents is minimal as they are intimidated by the notion of its consequences. Thus, the suggested methods should be considered and brought into execution.

REFERENCES

Abusamaan M, Giannobile WV, Jhawar P, Gunaratnam NT. Swallowed and aspirated dental prostheses and instruments in clinical dental practice: a report of five cases and a proposed management algorithm. The Journal of the American Dental Association. 2014 May 1;145(5):459-63.
Jain A, Baliga SD. Accidental implant screwdriver ingestion: a rare complication during implant placement. Journal of Dentistry (Tehran, Iran). 2014 Nov;11(6):711.