

SIMULATION TRAINING IN THE COVID PANDEMIC, AN ASSESSMENT OF LOGISTICAL CHANGES

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INTRODUCTION

SIMULATION IS A SAFE AND CONTROLLED ENVIRONMENT FOR ANAESTHESIOLOGY TRAINEES TO ASSIMILATE COGNITIVE, TECHNICAL AND NON-TECHNICAL SKILLS TO ENSURE COMPETENCE IN THEIR ROLES. DUE TO THE CORONAVIRUS PANDEMIC AND PUBLIC HEALTH RESTRICTIONS, ADAPTIONS HAD TO BE MADE AT OUR INSTITUTION IN ORDER TO CONTINUE DELIVERING HIGH QUALITY SIMULATION-BASED EDUCATION. SIMULATION COURSES INCLUDED WORKSHOPS IN DIFFICULT AIRWAY SKILLS, FRONT OF NECK ACCESS, VASCULAR ACCESS AND A BEGINNER'S ANAESTHESIOLOGY BOOTCAMP.

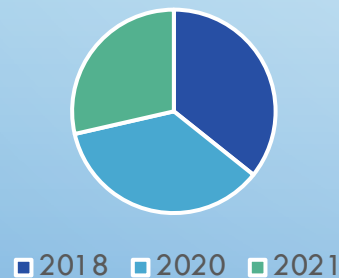
METHODS

AN ASSESSMENT OF THE METHODS OF DELIVERY OF EDUCATION, NUMBER OF DELEGATES AND FEEDBACK RECEIVED FROM DELEGATES WAS CARRIED OUT AND COMPARED TO PRE-PANDEMIC BOOTCAMPS

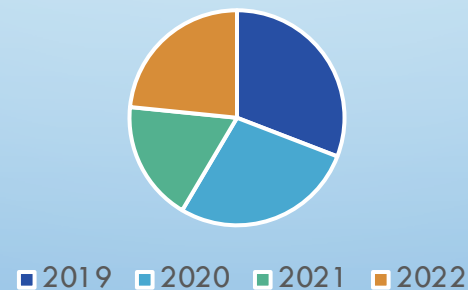
RESULTS

- SIMULATION-BASED EDUCATION WAS SUCCESSFULLY ADAPTED AT OUR INSTITUTION DURING THE CORONAVIRUS PANDEMIC INCLUDING VIRTUAL LECTURES AND SMALLER PARTICIPANT NUMBERS IN THE SIMULATION SUITE
- SIMILAR NUMBER OF DELEGATES COMPLETED TRAINING IN PRE AND POST PANDEMIC COURSES
- FEEDBACK WAS EQUALLY POSITIVE IN PRE AND POST PANDEMIC COURSES
- CONTINUOUS ADAPTION OF TEACHING PRACTICES IN SIMULATION IS ESSENTIAL TO MAINTAIN STANDARDS AND ENSURING DELIVERY OF THIS METHOD OF EDUCATION

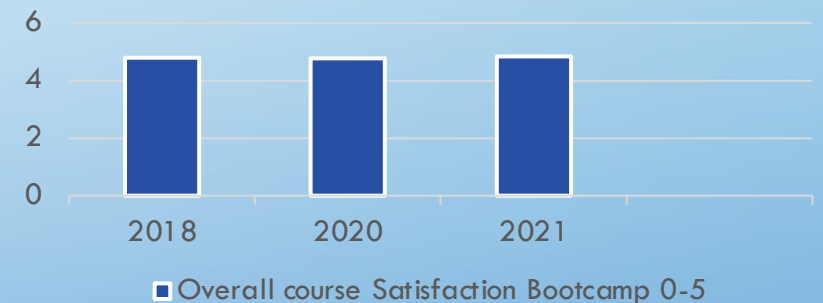
Anaesthesiology Bootcamp
Number of Delegates



Difficult Airway Skills
Number of Delegates



Overall course Satisfaction
Bootcamp 0-5



References:

- 1: Campbell S, Corbett S, Burlacu CL. 'Reinstating a national simulation programme in anaesthesiology during the coronavirus pandemic' BMJ Simul Technol Enhanc Learn 2021;0:1-6
- 2: Duffy, C.C., Nawoor-Quinn, Z. & Burlacu, C.L. "Rapid sequence induction"—an anaesthesiology boot camp. Ir J Med Sci 189, 1047–1051 (2020)