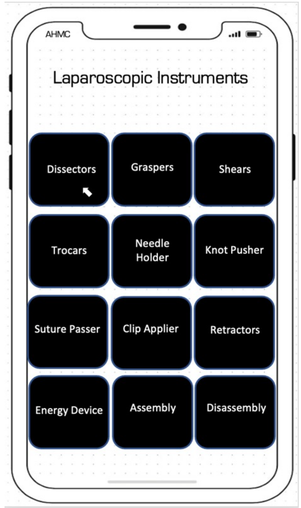
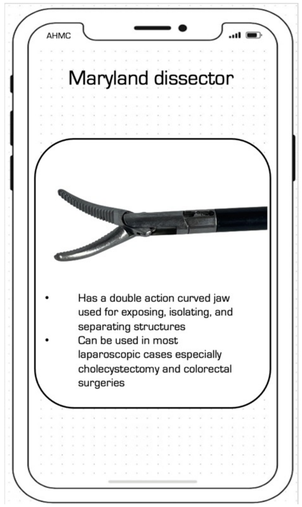
MISflik

Minimally **I**nvasive **S**urgery- **F**ast **L**earning **I**nstrument **K**nowhow

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OBJECTIVES

The Philippines is known to be a major source of healthcare workers abroad. In 2019, around 17,000 Filipino nurses signed overseas contracts. In 2021, around 316,000 Filipino nurses found placement outside of the country. The annual number of Filipino nurses that are available for employment abroad has increased to 6,500 annually according to a June 2021 data. With these numbers, it comes to no surprise that there is a limited availability of experienced nursing workforce in Philippine hospitals.

Surgical laparoscopy is a subspecialty on its own due to its use of specialized equipment to perform minimally invasive surgeries (MIS). The art of operative laparoscopic nursing services is not a part of their curriculum as MIS is an advanced specialty, requiring additional training to acquire the basic MIS skills, according to anecdotes of nursing graduates. With the lack of proper training, along with an inadequate number of nursing staff, a nursing trainee may be assigned to assist in laparoscopic procedures, oftentimes an unfamiliar environment. Unaware of proper instrumentation along with the lack of experience, these combination of circumstances results in longer operative time, adding stress to the surgeon, and thereby, to an extent, compromise patient safety.

By creating a downloadable app/tool to promptly get acquainted with laparoscopic instruments, newly minted nurses / nursing trainees may properly adapt with assisting in laparoscopic procedures with ease. It is therefore the goal of this innovation to educate and improve performance of the assisting novice nurses.

DESCRIPTION AND METHOD OF ITS USE

A quick, easily accessible, and concise learning tool will be programmed wherein commonly encountered laparoscopic instruments are pictured and described. It will be in a form of a downloadable phone or tablet app which has three basic features: laparoscopic instruments, the parts of the laparoscopic tower, and troubleshooting. Under the laparoscopic instrument feature, handling, assembly, and disassembly of instruments will also be covered. For assessment of knowledge, a pretest and posttest section will also be included. The app name will be **MISflik** which stands for **M**inimally **I**nvasive **S**urgery-**F**ast **L**earning **I**nstrument **K**nowhow.

CONCLUSION

An easily accessible tool is devised to help unburden new surgical nurses, promote a stress-free environment, and prevent negative impact on patient safety during minimally invasive procedures. Further development of the app may include video snippets on intraoperative usage of each laparoscopic instrument.