# Case Study – Nursing
## *ActivInspire Handheld Voting System and Formative Assessment*

**CONTACT**

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**CONTEXT**

The hand held promethean voting devices were used in a mid module session with Year 2 pre-registration nursing students (LD pathway) They were used as part of a formative assessment process.

**INTENDED OUTCOMES**

- For the tutor to identify current student knowledge and understanding of module content already covered.

- For each student to evaluate knowledge and understanding of module content already covered.

- To generate discussion and questions from the students about module topics.

**THE PROCESS**

Prepared a 23 item quiz. The students were asked questions and then had to vote on the correct answer (a combination of multiple choice and yes/no questions were used). Once the students had voted, the % answers were shown graphically for each answer with the correct answer highlighted in green. We then discussed the correct answer and the incorrect answers, and followed each discussion with an opportunity for student questions.

A learning technologist assisted me in how to use the software to create the questions and also brought and registered the devices for me at the beginning of the session.

**THE BENEFITS & CHALLENGES**

- The test generated an excel spreadsheet showing scores for each student for each question. This was shown to the students. Each student registered using their student number so results were known only to the individual student and module co-ordinator

- Devices easy to use.

- Students enjoy the voting process and therefore enjoy the activity and evaluate the session as a beneficial learning experience.

- Voting 'result' prompts discussion for each question which really helps students to develop understanding of module topics covered.

- Challenges; the questions need to be fit for purpose. Poorly thought out questions restrict learning available so be prepared to modify questions regularly and frequently

**KEY POINTS**

- Take time to develop really high quality questions.

- Provide guidance to students on what different results suggest about progress on module so far. I intend to compare the formative results with the module exam result at the end of the module with other student cohorts to help with this.

- Make sure that each question and the possible answers are discussed as this is where the learning occurs.

*"Provided the questions are well thought through this is a useful way of evaluating knowledge and understanding in a formative way."*