Micro-Modules and Team-Based Learning to support a flipped-classroom pedagogy: Experience from the Master of Science Program in Speech-Language-Pathology

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Background:
- MSc SLP is the first Speech Therapy programme in Hong Kong under Faculty of Medicine
- Advocate eLearning with the emphasis on clinical bridging
- Graduates are eligible to be Members of Register of Speech Therapists under the Department of Health's Accredited Registers Scheme for Healthcare Professions.

Project Aims:
1. prepare students to acquire the basic knowledge of related subjects
2. experience relevant clinical activities
3. provide direction of self-learning

Ten tailor-made micro-modules, ranging from 2 to 6 minutes, were developed in the form of animation with narration covering subject areas of:

- Language Disorder,
- Speech Sound Disorder,
- Test Development,
- Fluency Disorder and
- Augmentative and Alternative Communication

Team-Based Learning (TBL)
An evidence based collaborative learning teaching strategy designed around units of instruction, known as “modules,” that are taught in a three-step cycle: preparation, in-class readiness assurance testing, and application-focused exercise. A class typically includes one module.

Result:
CTE score relating to items of eLearning = 5.16 out of 6

“Useful as pre-engagement before class teaching!”
“Helpful in understanding respective course content!”

Individual Readiness Assurance Test (IRAT)
Team Readiness Assurance Test (TRAT)
Clarification and/or Mini lecture
Case application
Pre-class reading