

ESTABLISHMENT OF ONLINE LEARNING ACTIVITY IN DIETARY SUPPLEMENTS

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BACKGROUND

- Dietary supplements are widely used in Hong Kong, but complementary and alternative medicines (CAM) are not extensively taught in clinical pharmacy curriculum.
- There is a need to promote CAM education to enhance student learning in this area.



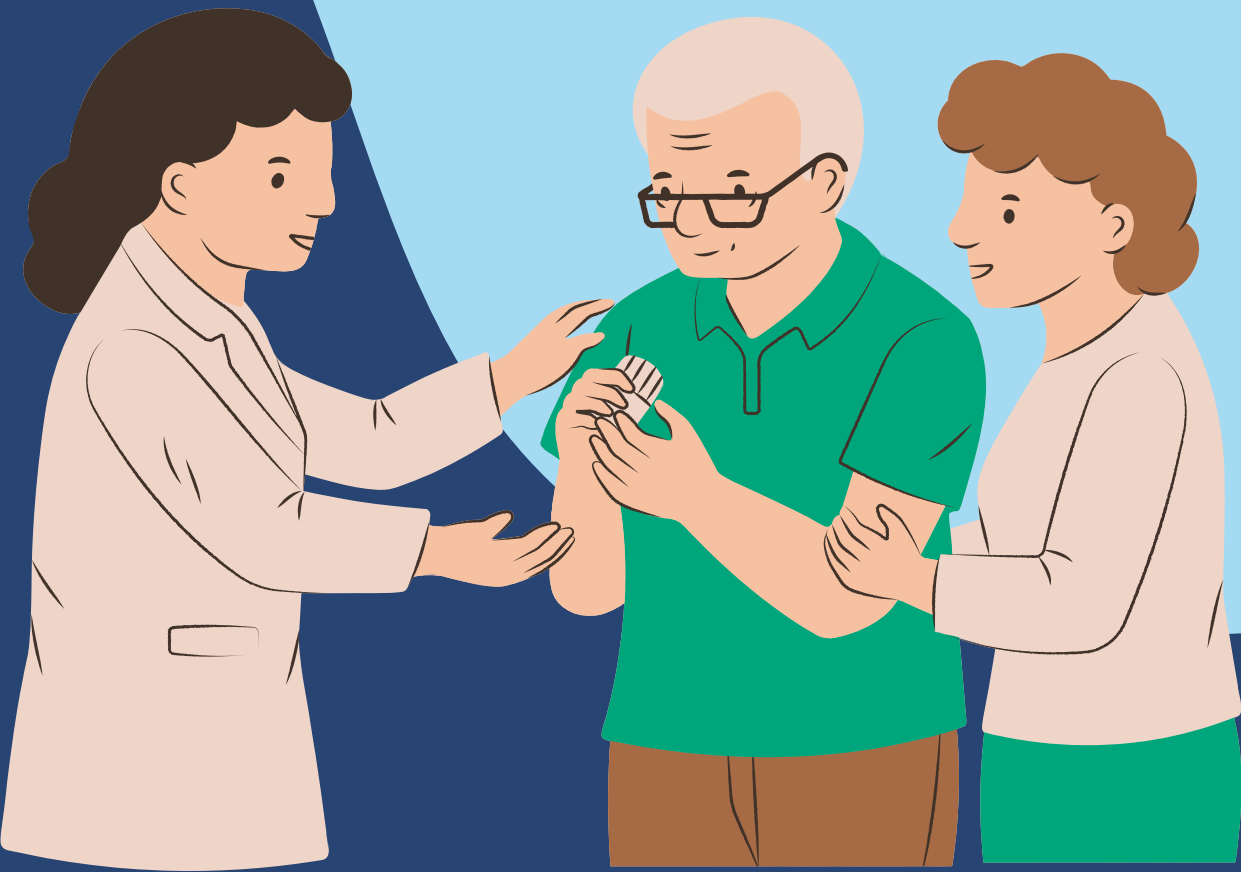
SIGNIFICANCE & OBJECTIVES

- Equip students with knowledge and skills for future practice.
- Build students' sense of ownership of the teaching and learning of Bachelor of Pharmacy (BPharm) programme.
- Bridge the gap between CAM and mainstream clinical pharmacy education

METHOD

- Students from the Bachelor of Pharmacy program created an E-learning platform called "**SuppleMentors**" with educational videos on dietary supplements.

- The project's success will be measured by student learning outcomes and feedback on the platform.



FEATURES OF SUPPLEMENTOR



Features

I. All videos were enriched with:

- Closed captions
- Pause/play controls and optimized video lengths (2~6mins)
- Participants can enjoy self-paced learning for a relaxed and enjoyable experience!

II. Each video concluded with embedded multiple-choice questions (MCQs) :

- ✓ To consolidate key learning points
- ✓ To promotion of active engagement in the learning process.

III. Certificate were awarded upon completion



LAYOUT OF SUPPLEMENTORS



There are 7 videos for you to enjoy.

Remember there are questions to answer after each video.

SUPPLEMENTORS 自學「補」零求

health

葡萄糖胺/ 軟骨素	水解 骨膠原肽粉
接骨木果	薑黃素
益生菌	輔酶Q ₁₀



Scan QR code for video samples

VIDEO SAMPLE



EXAMPLE OF MCQ

SuppleMentors

葡萄糖胺及軟骨素小測驗

START QUIZ

SuppleMentors 葡萄糖胺及軟骨素

SuppleMentors 水解骨膠原肽粉

SuppleMentors

葡萄糖胺及軟骨素小測驗

以下哪一個 不是 葡萄糖胺嘅作用/功效？

- 減慢關節骨間距收窄
- 減低關節痛楚和僵硬
- 協助關節360度轉動
- 增加關節內的軟骨組織

以下哪一位 未必 需要諮詢醫生或藥劑師都可以考慮嘗試服用葡萄糖胺/軟骨素以減低關節不適？（當然諮詢一下藥劑師會再安全啲！）

- 45歲，男，糖尿病患者
- 89歲，女，正在服用華法林
- 20歲，女，對貝殼類海鮮過敏
- 18歲，男，患有鼻敏感

Course Completion & Assessment

- 114 enrolled students
- Course completion rate: 84.02%
- Quiz passing rate: 84.21%

Assessment of Learning Outcomes

- 90% of respondents improved knowledge on dietary supplement
- Over 80% found E-learning effective

Participant Satisfaction and Usability

- Over 80% of respondents found the course valuable
- More than 80% preferred E-learning



OUTCOMES

STUDENT FEEDBACKS

It lets me express creativity and share a unique perspective, leading to a **sense of ownership over the content** created through shaping ideas and contributions.

Knowing that my work can potentially benefit and **educate a wide audience can be empowering**, as I realize the significance of my role in spreading knowledge and helping others learn.

I enjoy participating in the project to learn about supplements, **collaborate with others, solve challenges, and strengthen communication skills.**

The videos simulate typical interactions at community pharmacies, offering **practical information to patients** on supplement administration and related myths.

This innovative approach has potential for various learning disciplines, **allowing students to personalize their educational journeys.**



CONCLUSIONS

- **Student learning:**

Academic knowledge and skill development, motivation, and personalization of own educational journey.

- **Teaching practice:**

Creating new resources for quality teaching, changing perceptions in teaching approaches.

- **Culture of teaching and learning:**

Potential for further development at the University.



THANK YOU!

Do you have any questions, comments, or suggestions?