



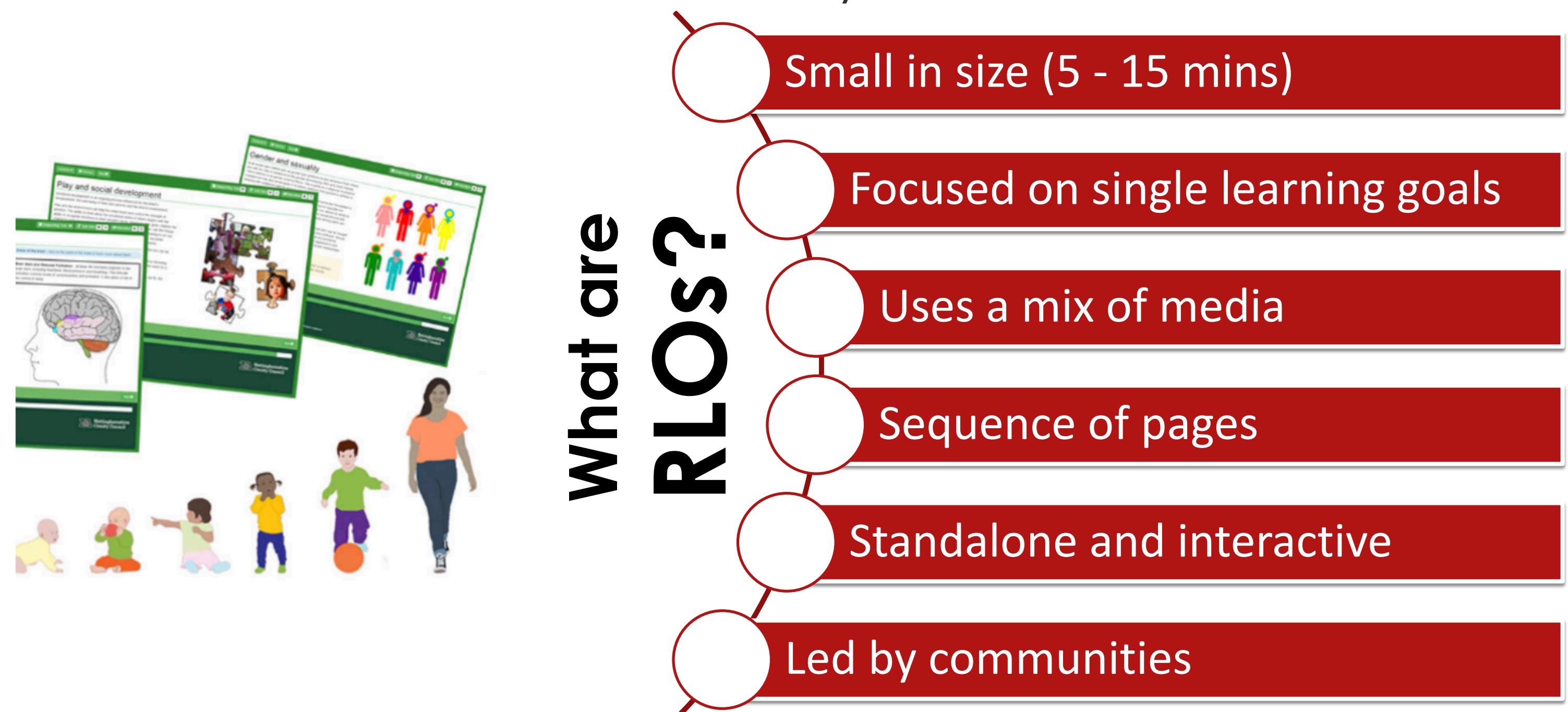
Designing the Reusable Learning Objects (RLOs) in Advancing Healthcare Curricula in Malaysia

Abstract

Reusable Learning Objects (RLOs) are the interactive learning tools being developed to be incorporated in the teaching and learning of the health-related disciplines in order to digitalise and advancing the healthcare curricula in Malaysia HEIs. Adding RLOs in the curricula is predicted to have a positive impact in improving knowledge and organising pertinent cognitive processing. Positive responses were received from the preliminary evaluations of the developed RLOs, but further investigations are needed to assess their effect on teaching and learning in the healthcare curricula.

Introduction

Despite e-learning being a national higher education agenda, a survey on Malaysian Higher Education Institutions (HEIs) found that the implementation of digital learning tools remains suboptimal, thus there is a need to develop high quality e-learning contents and digital resources [1, 2]. Interactive multimedia learning tools called Reusable Learning Objects (RLOs) are being developed in the health-related disciplines to digitalise and advancing the healthcare curricula in Malaysia HEIs.



ASPIRE Methodology

AIM A Delphi survey is conducted to identify needs and suitable topic areas before development.

STORYBOARD Workshops involving end users and stakeholders to ensure alignment with students' learning needs.

POPULATE Online specifications of the RLOs are being reviewed and revised few times by considering different criteria.

IMPLEMENT RLOs are implemented as HTML5 webpages and responsive to different devices.

RELEASE After extensive review sessions, RLOs will be hosted on an online repository which can be accessed anytime and anywhere.

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Results

Verbal Skills and Non-verbal Skills (Basic Non-verbal Communication Skills)

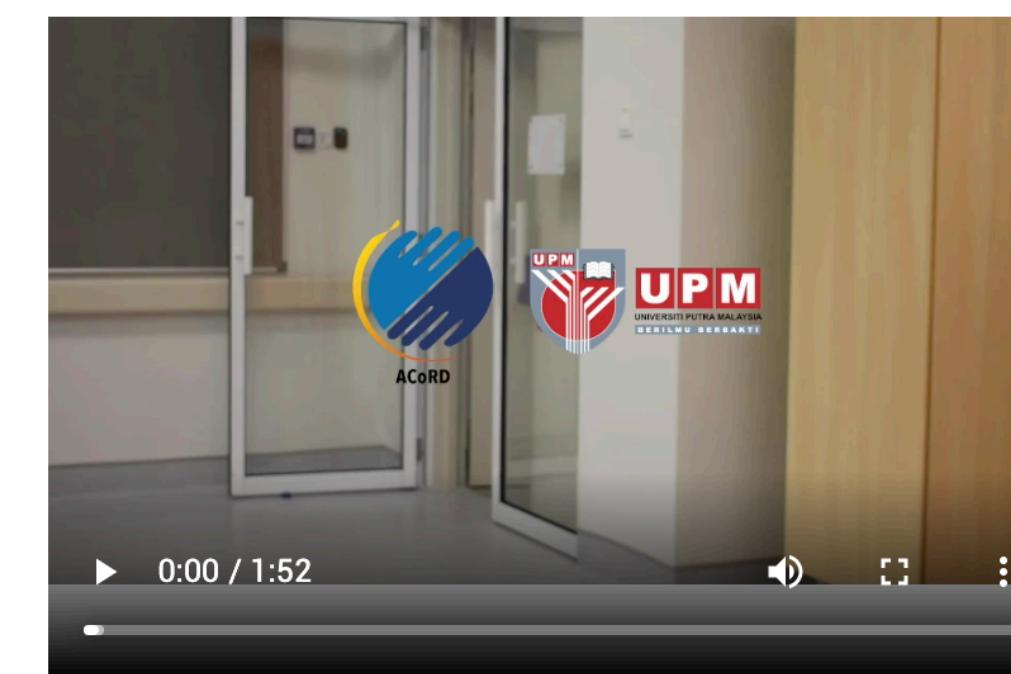
Learning Objective: To identify basic non-verbal communication skills (good and bad) and its importance.

Contents Previous Next Supporting Text Text Size Narration

Poor Non-verbal Communication Skills

This video shows a conversation between a patient and a medical student. This patient recently had an amputation of his right leg two days ago. View the following video and observe the non-verbal communication skills displayed by the medical student.

Pause at any time in the video and reflect on what you have seen. Have you done this or seen any of your friends do this before? How would you feel if you were in Mr Bala's position?



View Transcript

Next

Breaking Bad News

Learning Objective: To understand and demonstrate the six-step SPIKES protocol for breaking bad news.

Contents Previous Next

Assessment

Using what you have learned in this RLO, choose one of the responses that you think would be most appropriate when dealing patients.

Situation 1: Interruption

Doctor's phone ringing while having the consultation.

- Excuse yourself and answer the phone.
- Reject the call and put it on silent mode.

That is Correct ✓ Ensure you have uninterrupted time during the consultation (beepers, phones turned off) so you can focus on the situation.

Continue

Previous



Next



Counselling Skills

Toggle Navigation



Activity

Please select the correct 5 A's step from the dropdown list.

STEP 1

Select step...

EXAMPLE OF CONVERSATION

- Doctor: Are you still smoking?

STEP 2

Select step...

EXAMPLE OF CONVERSATION

- Doctor: The best thing you can do for your health is to quit smoking.
- Doctor: When you quit, your cough will eventually improve.

STEP 3

Select step...

Conclusion

The RLOs can be shared across different disciplines in medicine and biomedical health sciences, in Malaysia and across the region. They are developed and repurposed to suit local culture and healthcare practices. The project is in line with the Malaysian national education agenda to encourage globalised online learning to enhance the quality of teaching and learning, widen access to good quality content while lowering the cost of delivery.

References

- [1] Ministry of Education Malaysia. (2015). Executive Summary Malaysia Education Blueprint 2015-2025 (Higher Education), Putrajaya, Malaysia.
- [2] Atan, Hanafi & Embi, Mohamed & Hussin, Supyan. (2011). e-Learning in Malaysian Higher Education Institutions: Status, Trends, & Challenges. Department of Higher Education Ministry of Higher Education.

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