

Reinventing Cytogenetics learning initiatives: e-learning- is it worth the effort?

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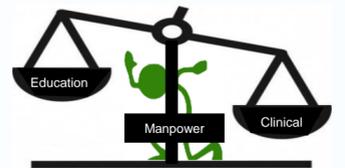


1. Introduction

- As the **leading teaching hospital** in Singapore, we endeavour to deliver innovative and quality advanced clinical skills training for Allied Health Professionals and others.
- However, as the **largest healthcare provider** catering to over a million patients a year, providing on-going comprehensive training can put a strain on existing manpower resources.



2. Aim



Explore e-learning through videos to enhance learning

- As an **additional education resource** to aid teaching.
- By **revisiting skills** previously demonstrated.
- By **reducing missed learning opportunities** due to lack of specimen, time or manpower constrains.

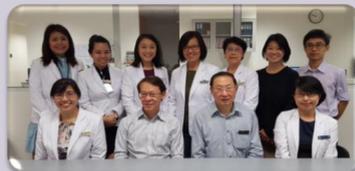
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3. Methodology and Discussion

Planning

Video Production

Video Editing



- Identify team members
- Determine learning objectives & target audience
- Create storyboard & timeline

- Allocate time & equipment
- Identify critical steps for close-up
- Re-shooting may be required

- Select suitable video editing programme
- Online learning of video editing and techniques
- Review and refining of videos



4. Conclusion

The project is **still ongoing** and is dependent upon the **accessibility** and the **ease of incorporating** these resources into the current training regime.

While hands-on learning remains the gold standard for comprehensive training, **leveraging on IT** may help to enhance learning by **providing flexibility** to revisit taught skills as well as **cover skill gaps** from missed learning opportunities at the trainee's own pace.

This may also allow the trainer to fulfil his/her clinical, management and research obligations in addition to education.

CHALLENGES

- Time and manpower for video production and editing.
- Steep learning curve for video editing tools.

- Breaking the mind-set to incorporating e-learning as an additional tool to enhance learning and competency.

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