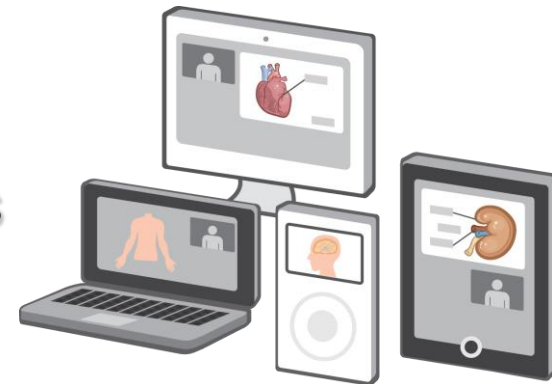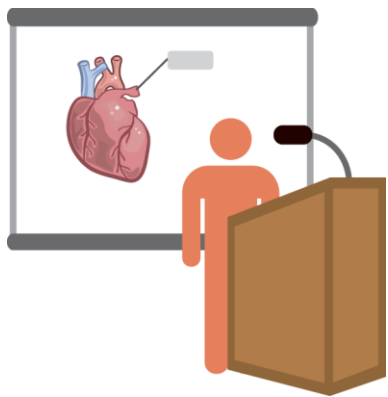# Introduction of Echo*360*
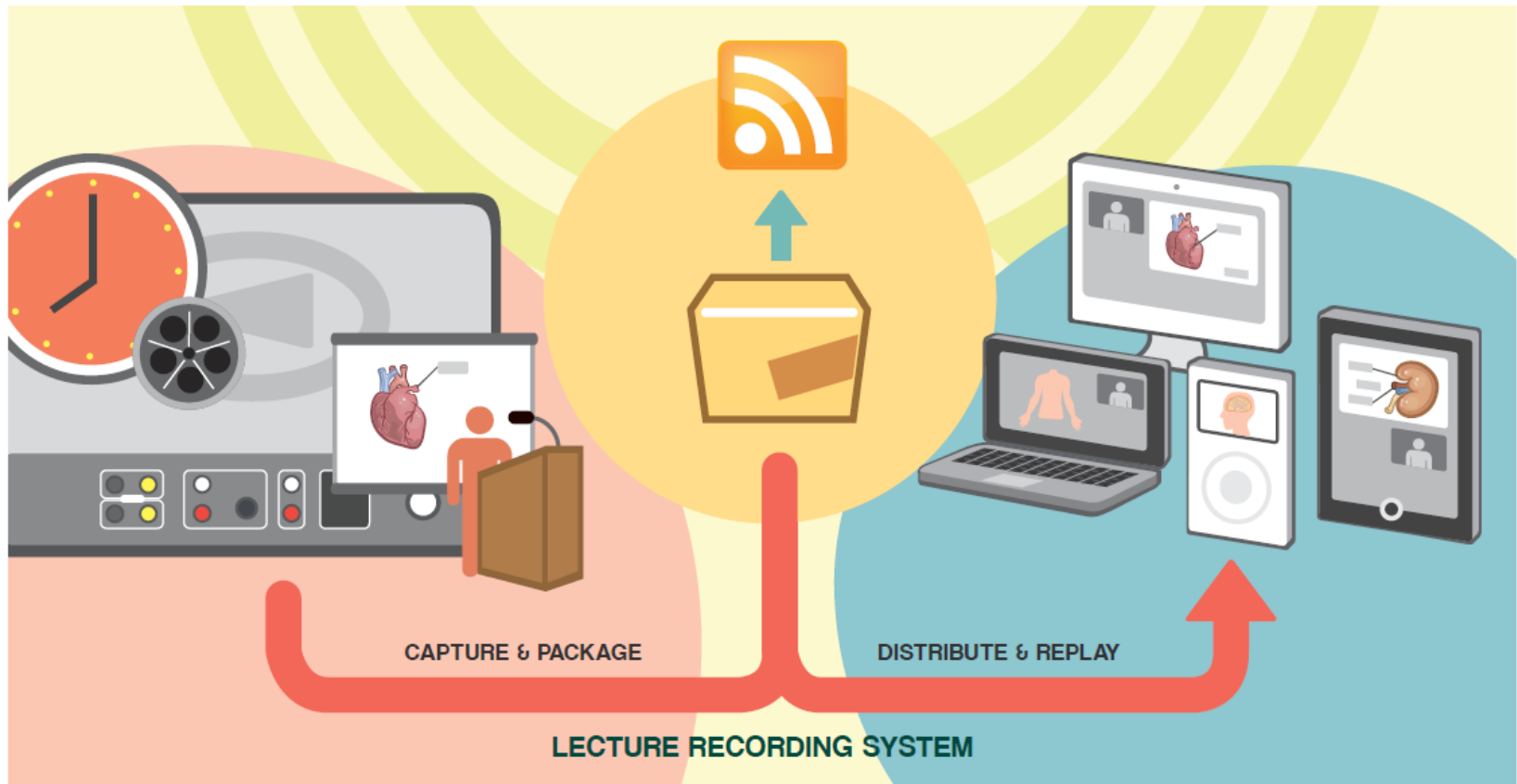## in
Human Physiology Courses

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The Echo360 System – Workflow

CAPTURE & PACKAGE   DISTRIBUTE & REPLAY

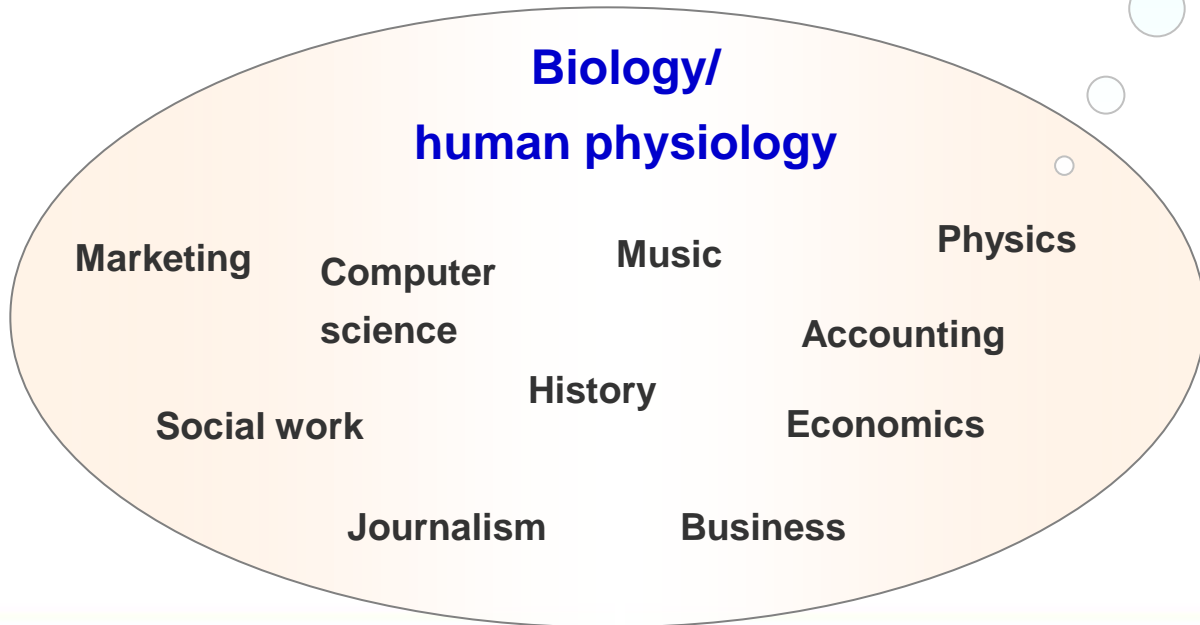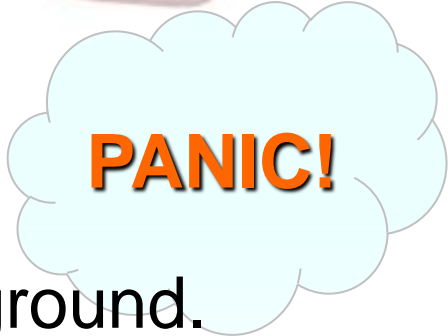LECTURE RECORDING SYSTEM

Great features

- A useful and convenient tool that help capture lecture or pre-record lecture in a controlled setting.
- The video recordings can be viewed via an internet browser (Internet Explorer, Firefox, Safari, etc),
- The video recordings can be downloaded to a desktop computer, laptop, iPod, iPhone, or any other compatible mp3 player and mobile devices such as smart phones and tablets.
- Allow user to replay, skip to certain segments of the captured video, fastforward and rewind.

Why Echo360?

- Year 1 students from a Master nursing programmes (~ 80 students).

- Students are from heterogeneous background.

PANIC!

Biology/
human physiology

Marketing
Computer science
Music
Physics

Accounting

History

Social work
Economics

Journalism
Business

Format of Echo360

- Pre-recorded lectures in a controlled environment
- A series of *16 lectures* were recorded
  - Introduction to human physiology
  - Nerve conduction
  - Muscle contraction
  - Structure and function of a human heart
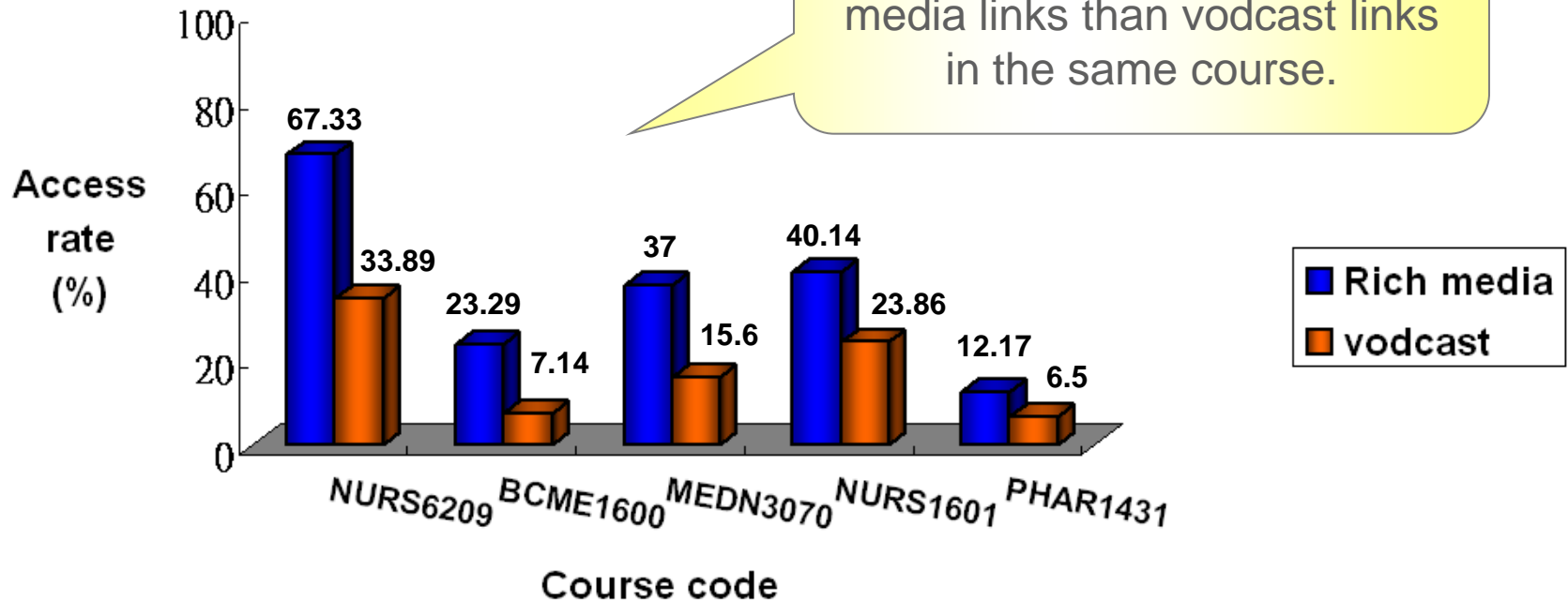
Extension to other 4 physiology courses

All year 1 undergraduate courses:

- Pharmacy/Biomedical engineering (88)
- Nursing (202)
- Chinese Medicine (32)
- Human biology/Food and Nutritional Science (82)

Integration of pre-recorded lectures

Access rate

More students were using rich media links than vodcast links in the same course.

Benefits to *Students*

- Allow them to revisit lecture recordings for revision.

- Simple output formats that enable easy viewing on computer and different mobile devices.

- Able to access the lecture recordings anywhere and anytime they like (*flexibility* and *convenience*).

- Students no longer need to struggle between looking at the slides and taking notes to improve comprehension.

Benefits to *Teachers*

- Provide self-evaluation.
- Help improve teaching skills.
- Help reinforce learning objectives and highlight key concepts of a topic.

Difficulties

- Still uncommon amongst teachers.
- Reservation of some teachers about recording their own lectures materials.
- It costs if you want to pre-record your lecture in a well-controlled environment

Thank you.