



Podcasting: Tales from the Trenches

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Podcast Definition

- **A podcast** is a media file that is distributed over the Internet using syndication feed for playback on portable media players and personal computers.
- Distinguished from other digital audio formats by its ability to be downloaded automatically, using software capable of reading feed formats such as RSS



Podcasting Tales from the Trenches

Larry Hurtubise

The Ohio State University

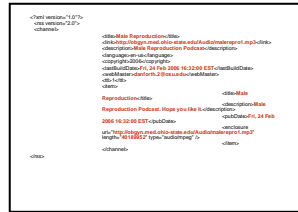
Larry.Hurtubise@osumc.edu



Questions to be answered:

- Recording and Podcasting Primer
 - What are the steps to recording lectures?
 - What are we doing at OSU
- Other questions? (at the end)

Podcasting Diagram



3. Upload to a Server



1. Recorded Lecture

2. RSS file (Data about the recording)

4. Provide Students the URL for the RSS File



5. Students subscribe to the RSS using iTunes



6. Download recording to a computer



7. Copy recording to an iPod using USB

Podcasting Steps

1. Record audio in mp3 format
2. rss file is created with audio info
3. mp3 and rss are uploaded to server
4. Provide Students with RSS URL
5. Student subscribe to the RSS in iTunes
6. Students download podcast
7. Students can listen using their iPod
 - (but most use their computer)

RSS (It's Simple)

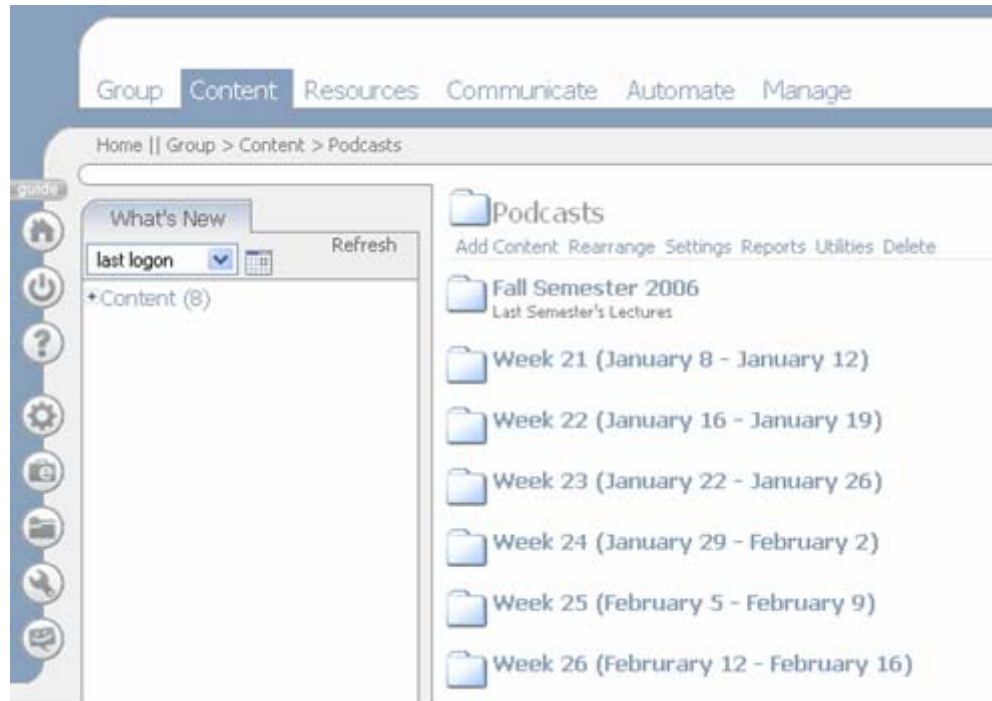
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<?xml version="1.0"?>
<rss version="2.0">
<channel>
  <title>OBGYN</title>
  <link>http://obgyn.med.ohio-state.edu/Audio/malerepro1.mp3</link>
  <description>Reproduction Podcasts</description>
  <language>en-us</language>
  <copyright>2006</copyright>
  <lastBuildDate>Fri, 24 Feb 2007 16:32:00 EST</lastBuildDate>
  <webMaster>larry.hurtubise@osuomc.edu</webMaster>
  <ttl>1</ttl>
  <item>
    <title>Male Reproduction</title>
    <description>Male Reproduction Podcast. Hope you like it.</description>
    <pubDate>Fri, 24 Feb 2007 16:32:00 EST</pubDate>
    <enclosure url="http://obgyn.med.ohio-state.edu/Audio/malerepro1.mp3" length="40189952"
type="audio/mpeg" />
  </item>
</channel>
</rss>
```

Sample rss file

TeleTeachingTool @ OSU

- Podcasting vs Tele-teaching
 - Podcasting
 - Audio is recorded in (or converted to) mp3 format
 - rss file is created with audio info (title, location, length, etc)
 - mp3 and rss are posted on a web server
 - Students download podcast on their iPod
 - Tele-teaching
 - Dedicated software records both audio AND computer (powerpoint) images
 - Audio and visuals (slides) are linked by the software into a tele-teaching file
 - Faculty can edit the presentation if necessary
 - Students download tele-teaching program on their computer to “watch” the lecture

Podcasting at the University of Kansas School of Medicine



Welcome and Overview



Darrin Cheney, MS
Director of Teaching and
Learning Technologies

Demo

Our Story...

- New integrated curriculum
- Major technology focus
 - ANGEL Learning
 - TabletPC's
 - eTextbooks
 - Computer Testing
 - ...
 - Podcasting?

Podcasting Happened

- Little IT support; managed by OME staff
- Students ensure lectures are recorded using Camtasia Studio
- Files are converted and compressed using iSquint
- 2nd year loaded into ANGEL
- 1st Year on Novel File Share

guide

What's New

last logon Refresh

+Content (8)

Map

What's New

Tasks

Search

508

PDA

Monday

My Notes | Previous Next Search

- 2007-02-26_0900_PHRM.mp3
- 2007-02-26_1000_PHRM.mp3
- 2007-02-26_1100_PAON.mp3
- 2007-02-26 0900 phrm.mp4.zip
- 2007-02-26 1000 phrm.mp4.zip
- 2007-02-26 1100 paon.mp4.zip

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What do students think?

On our recent Mid-Year SoM Technology Survey

- 22% of students view the video version of podcast (MP4) daily
- 86% of students are satisfied or very satisfied with the podcasts
- Only 7% indicated that their attendance dropped as an impact of podcasts
- 67% use podcasts mainly to review material after lectures
- 11% indicated they use podcasts so they would not have to attend lectures



Lessons Learned

- Students love podcasting
- There are several challenges to overcome including copyright, ownership of content, etc.
- IT missed opportunity
- Next upgrade to ANGEL will include syndication which will allow “true” podcasting
- Still more to learn...

For more information...

Darrin Cheney, MS

dcheney@kumc.edu

School of Medicine MedCast

SCHOOL OF MEDICINE

- Admissions
- Student Affairs
- Center of Excellence
- Medical Students
- Academic & Faculty Affairs
- Continuing Medical Education
- Office of Medical Education
- Office of the Dean
- Corporate Compliance
- Mission Statement
- Creighton University
- Health Sciences Library
- Alumni

CREIGHTON MEDICAL CENTER

- Patient/Visitor Information
- Centers & Institutes
- Creighton Medical Associates
- Center for Health Policy & Ethics

Departments & Clinics

Residencies

about MEDCAST

Introduction:

Podcasting offers yet another innovative way for Creighton to enhance academic excellence. This self-directed learning allows students to facilitate a deeper understanding of the information, to revisit preparation for upcoming lectures and to solidify concepts. Podcasting of the basics can be enhanced to achieve an analysis/synthesis. Students working in study groups can use podcasts to clarify and resolve questions about their recall of material presented.

available COURSES

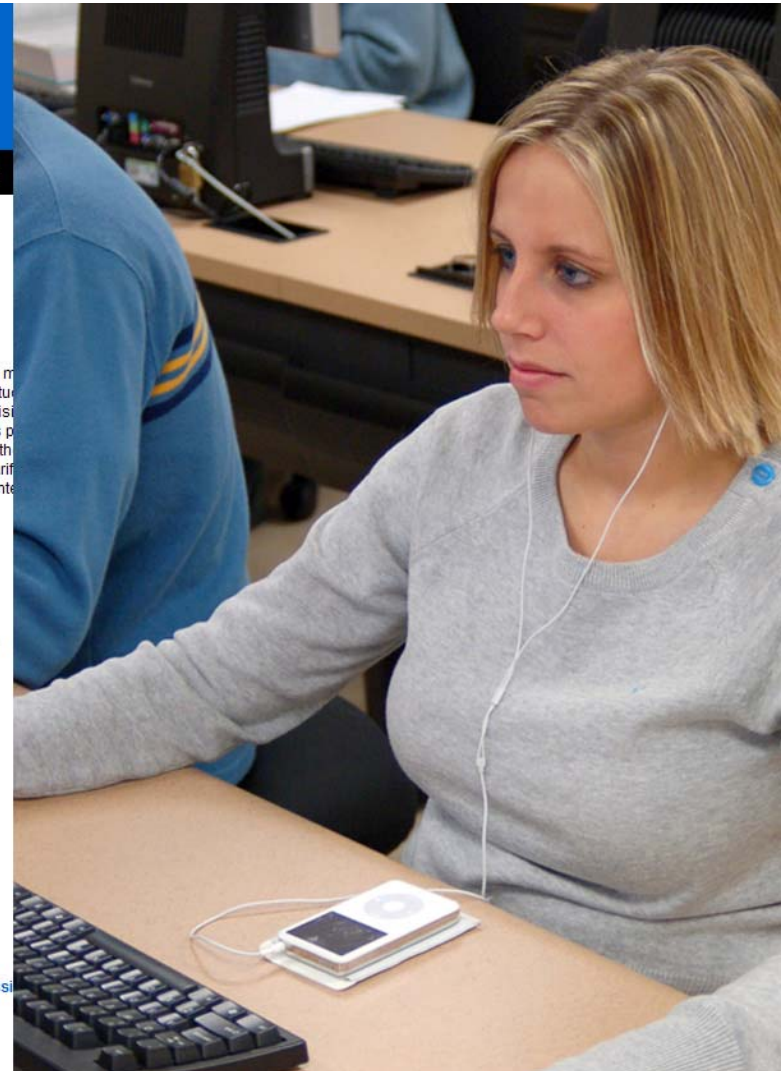
Component I (1st Year)

- PPT RSS Anatomy
- PPT RSS Ethics & Legal Topics in Clinical Medicine
- PPT RSS Evidence-Based Medicine
- PPT RSS Host Defense
- PPT RSS Human Development and Medicine
- PPT RSS Interviewing & Physical Examination
- PPT RSS Molecular & Cell Biology I
- PPT RSS Molecular & Cell Biology II
- PPT RSS Neuroscience
- PPT RSS Principles of Microbiology
- PPT RSS Principles of Pharmacology
- RSS Miscellaneous Topics

Component III (3rd Year)

- RSS Clinical Orientation Program
- PPT RSS Career Advising & Residency Selection Assistance

archive COURSES

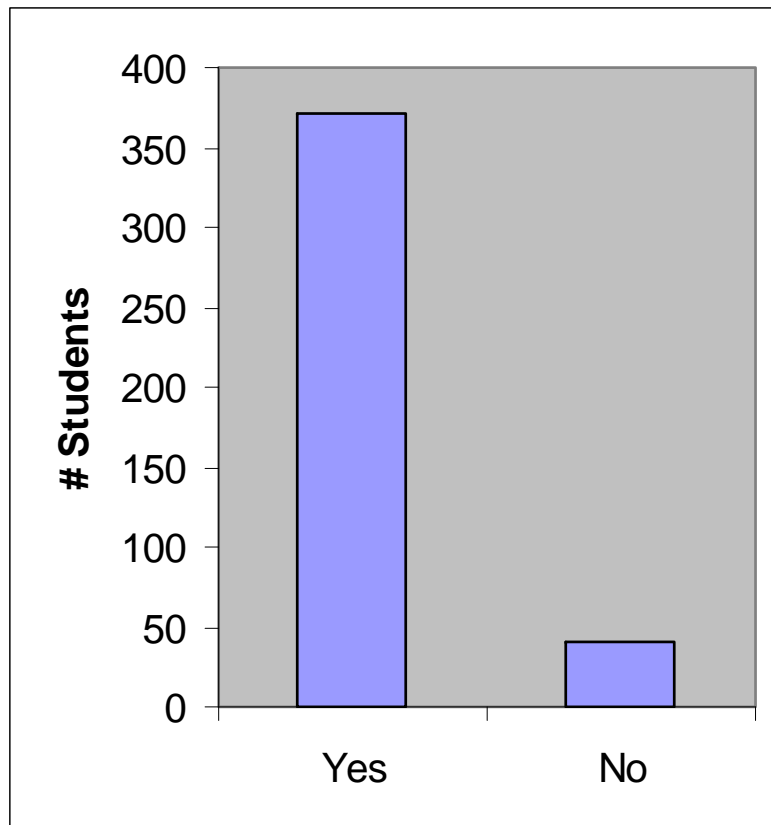


Background

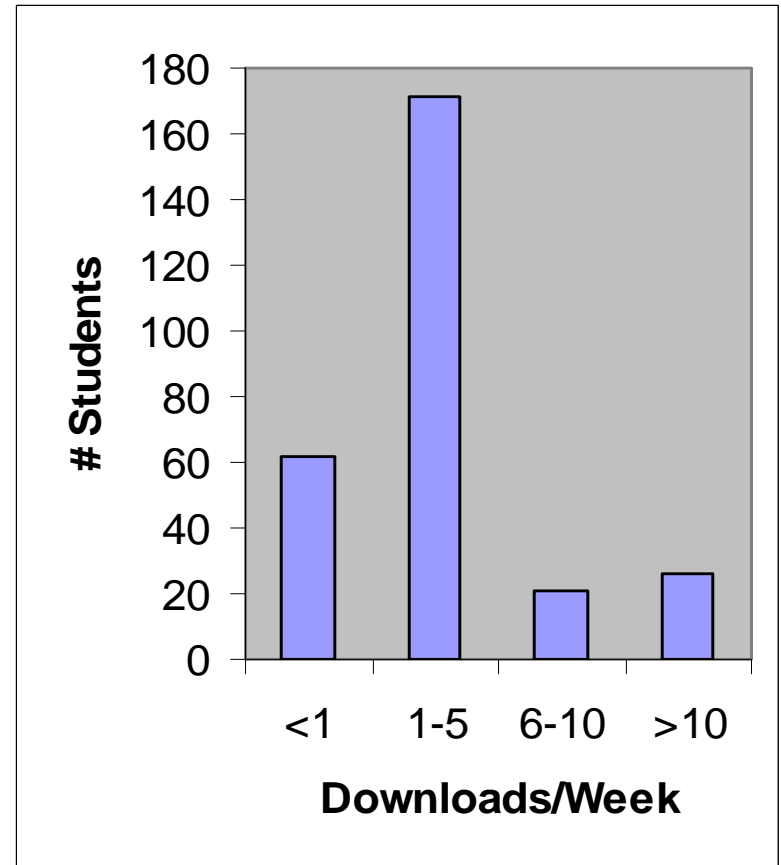
- CUSOM Podcasting M1 and M2 classes since 1-06
- Service is student-run, with IT support from staff
- Surveyed users in 2006 and again in 2007 (n=412)

Use of Podcasting

Do you use the Podcasting Service?

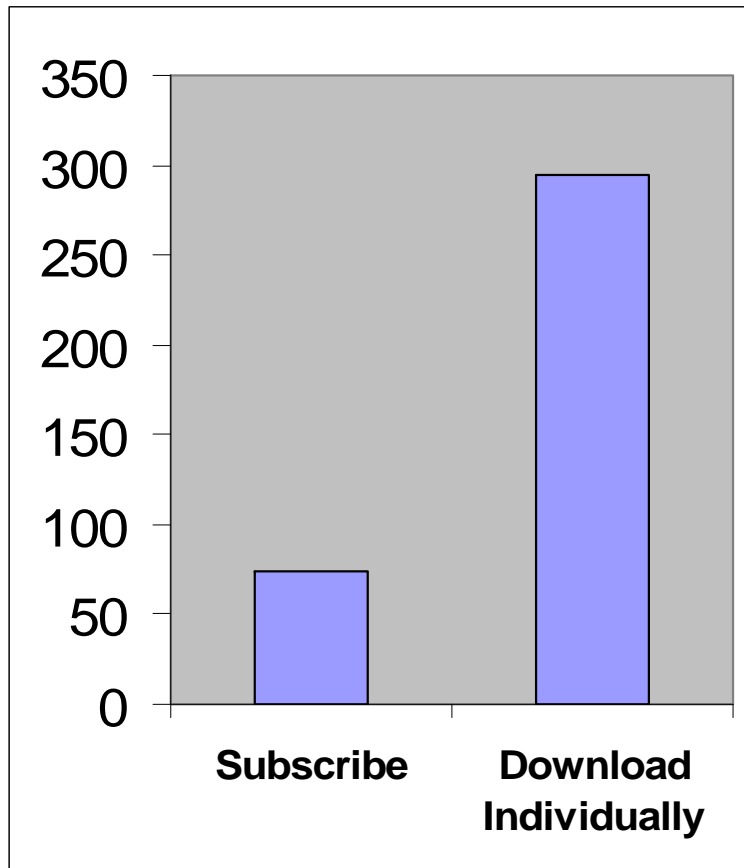


How often do you use the service?

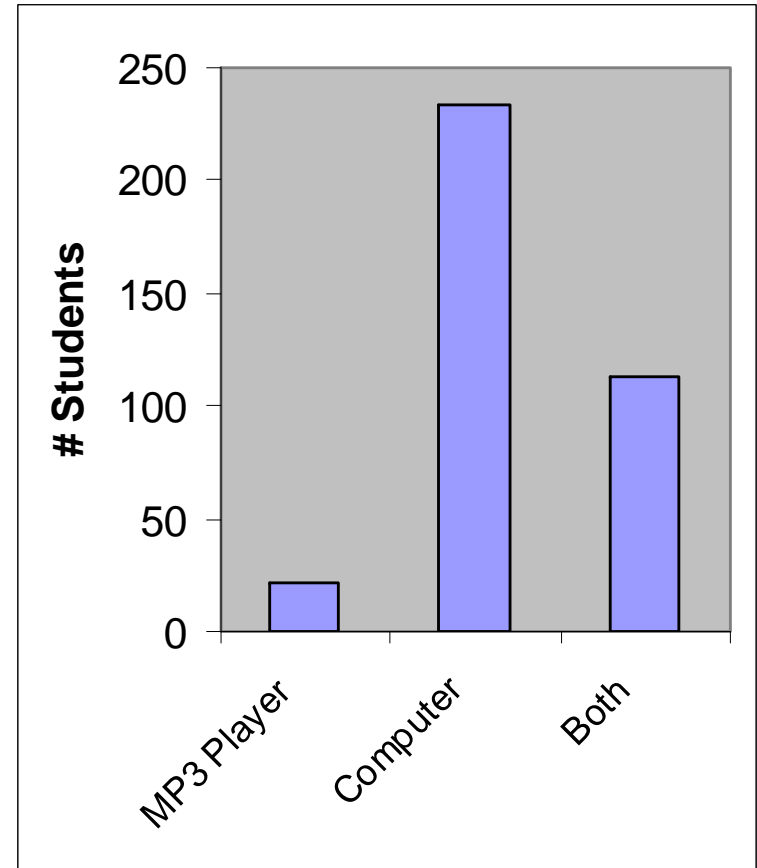


Style of Podcast Use

How do you obtain Podcasts?

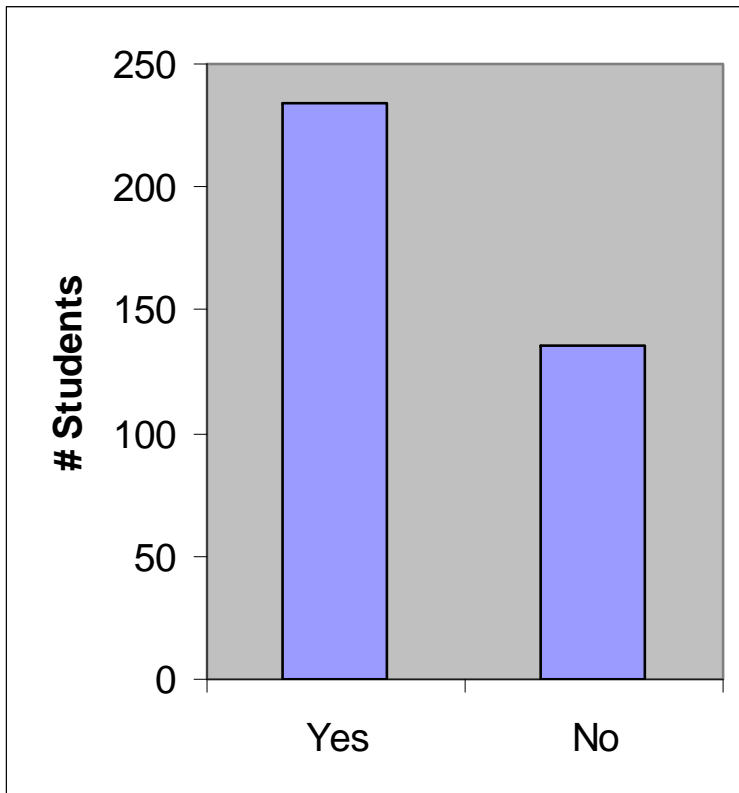


How do you listen to Podcasts?

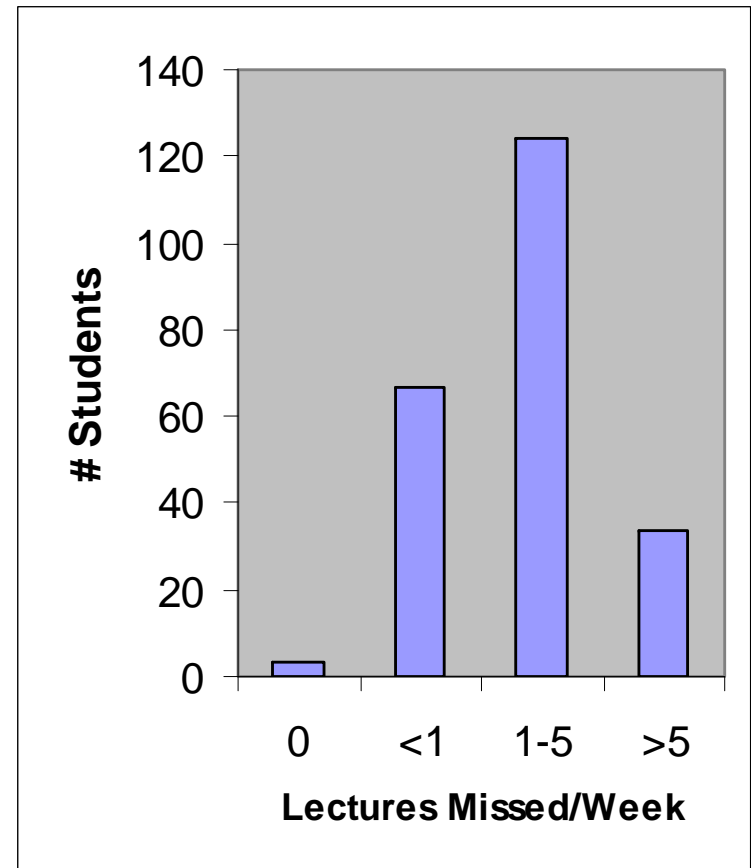


Attendance and Podcasting

Do you use MedCast in lieu of attending class?

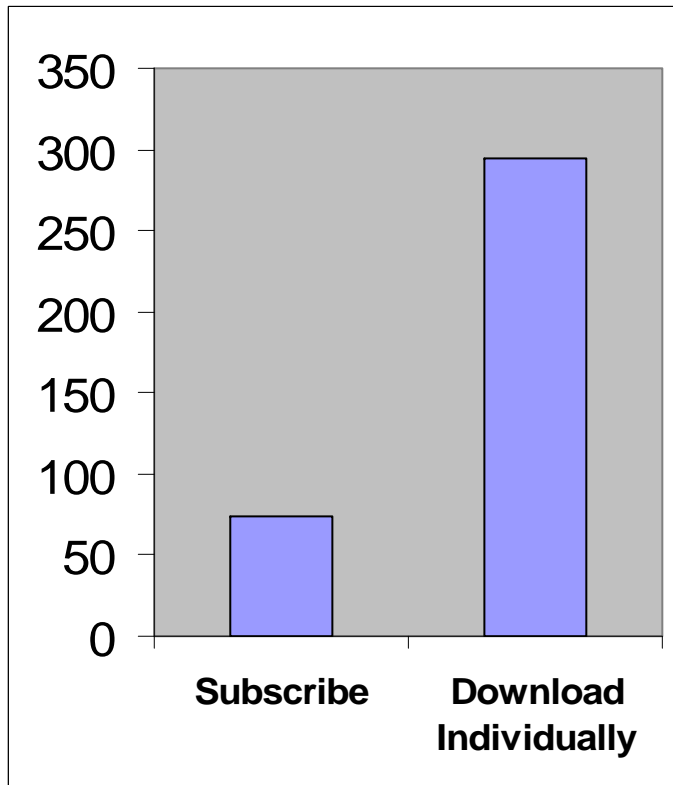


How many times do you listen to MedCast in Lieu of attendance?

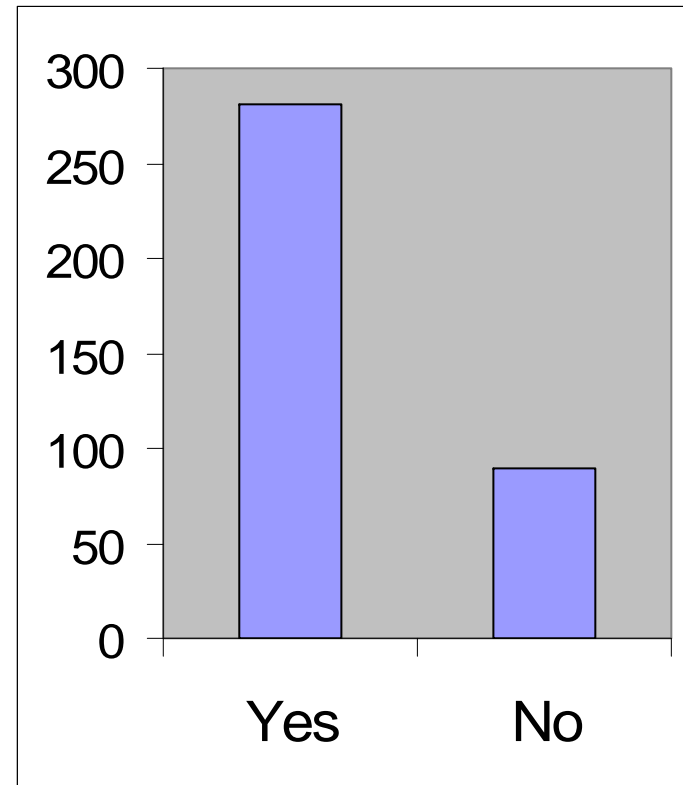


Style of Podcast Use

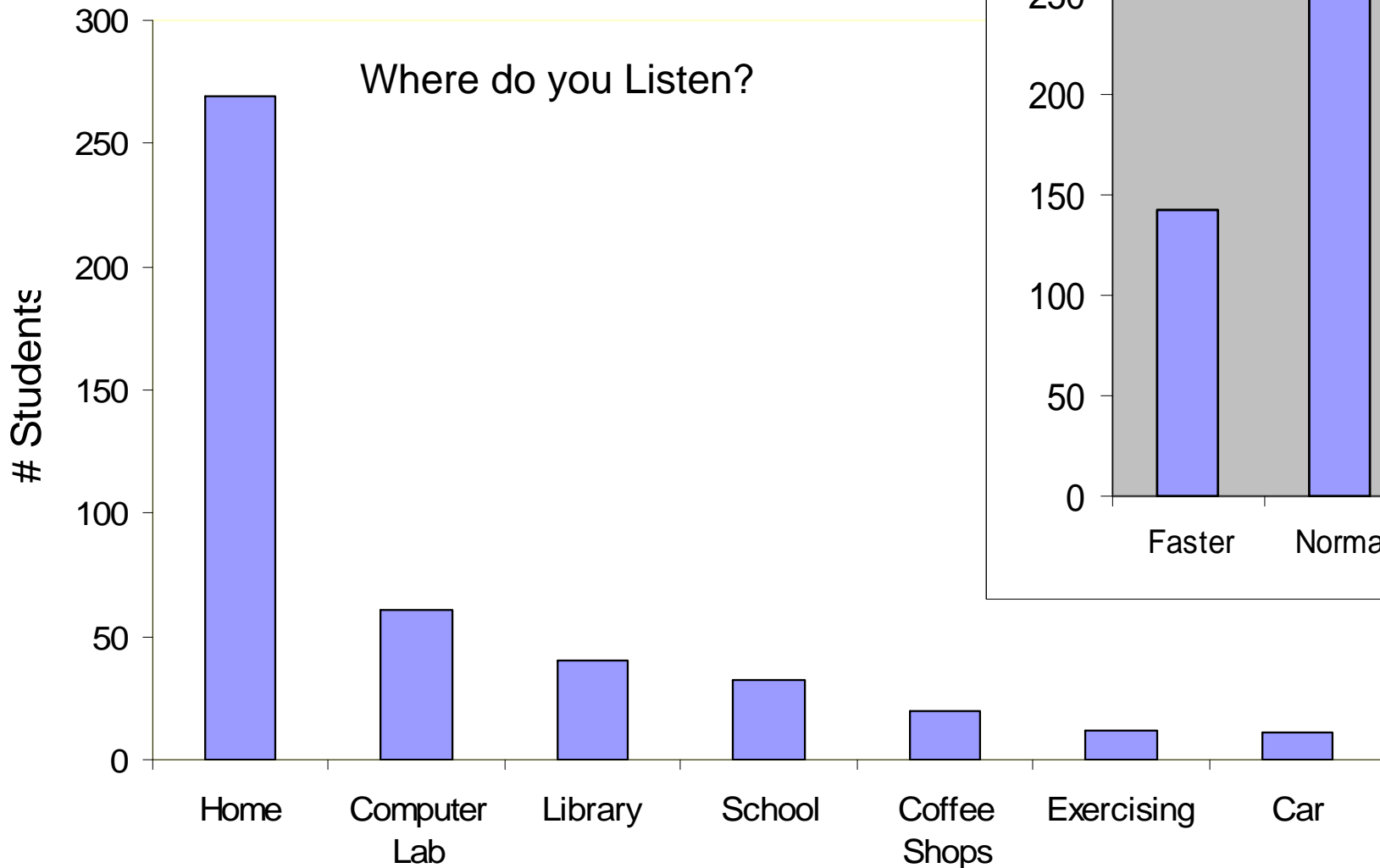
How do you obtain Podcasts?



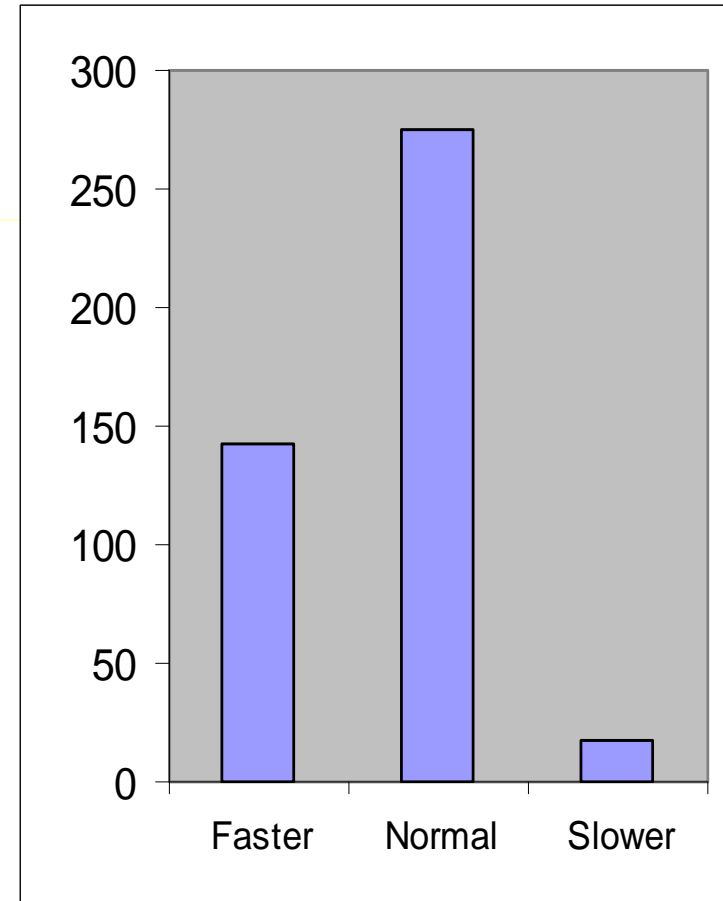
Do you sync Podcasts w/ powerpoints?



Style of Podcast Use



Playback Speed (select all that apply)



Take Home Messages

- Podcasting use prevalent – no going back!
- Most Students use podcasting on a computer, synched with lecture notes
- Podcasting has created new study styles
 - Rapid Review
 - Stop/Start
- Students use Podcasting for diverse reasons:
 - Attendance
 - Review
 - Transcription
 - Clarification