UPDATE ON
LECTURES
Useful resources on MedEdWorld
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GLOSSARY
A database of the expanding vocabulary used in medical education

**Lecture:** An instruction or verbal discourse by a speaker before a large group of students. This teaching method has historically been quite prominent in education because it is an economic way to communicate information to large groups. However, increasing knowledge about the group's difficulties in maintaining concentration and absorbing extensive information while in a passive listening mode has brought the value of lectures under criticism. Audio-visual presentations, demonstration of patients and intermittent discussions can help activate learners.


TEXTBOOKS
A selection of texts recommended on MedEdWorld

A revised edition of the 1970s classic, this book examines the nature of teaching and learning in a classroom lecture, describing how they learn, how much knowledge they retain and how to enhance their attention and motivation.

This chapter on lectures provides a useful overview of the purpose and processes of lecturing, from the considerations to take before designing a lecture, to the evaluation of its effectiveness at the end.

Guides the reader through the art of good lecturing, demonstrating how lecturers are a flexible and essential tool for enhancing learning and understanding.

A method of improving lecturing through the use of consultants and student committees.

www.mededworld.org/Publications/Articles/Peer-review-An-effective-approach-to-cultivating-lecturing-virtuosity.aspx

Explores the impact of a programme in which video-recorded lectures were critiqued by peers.

www.mededworld.org/Publications/Articles/Twelve-tips-for-effective-lecturing-in-a-PBL-curriculum.aspx

These tips highlight methods of preparing and delivering lectures that follow the educational philosophy underpinning the PBL approach.


Describes how using a personal response system encouraged lecturers to explore new approaches to lecturing, including the use of video clips containing problems to which the students are asked to respond.


Provides evidence to suggest the effectiveness of audience response systems in improving learning outcomes.


Investigates whether the use of short movie references to pharmacology during lectures could stimulate learning in undergraduate students.

www.mededworld.org/Publications/Articles/The-role-of-observational-research-in-improving-faculty-lecturing-skills.aspx

Observational research on lecturing skills and the provision of feedback for faculty development.
RESOURCES  Including reports, websites, video clips, images and diagrams.

Resources contains over 300 images, video clips, websites and conference presentations that may be incorporated into lectures, including:

Jesse Desjardins Video Clip (2010) “Steal this presentation!”
www.mededworld.org/Resources/Resources-Items/Steal-This-Presentation!.aspx
Hints and tips on how to put together a great PowerPoint presentation.

Grand Rounds
www.mededworld.org/Resources/Resources-Items/Grand-Rounds.aspx
An on-line open-access journal of interesting case reports that can be used in lectures and other teaching.

LEARNING TECHNOLOGY  Recommended to support teaching, learning and assessment

BioDigital Human Platform: A Virtual 3D Body
Brings to life thousands of medically accurate anatomy objects and health conditions in an interactive web-based platform.

Poll Everywhere
www.mededworld.org/Learning-Technology/Equipment-Items/Poll-Everywhere.aspx
An instant audience feedback tool for enhancing interactive lectures.

TurningPoint
www.mededworld.org/Learning-Technology/Equipment-Items/TurningPoint.aspx
A ‘clicker’ based in-class system for polling, voting and feedback.

FORUMS  A space for debating a wide range of topics of current interest to the health professions.

Lectures
www.mededworld.org/Forums/f64/Lectures.aspx
Post your queries, ideas and suggestions about lectures here for discussion with colleagues.

You can also add your recommendations on topics to a forum for upload into the MedEdWorld site.

MedEdWorld was launched by AMEE to help all with an interest in health professions education learn, connect and debate key issues in medical education. Join the MedEdWorld Community by registering as a user for free or joining as a member at:

www.mededworld.org

AMEE members have full and free access to MedEdWorld. Simply login with your AMEE username and password.

Copies of this and other MedEdWorld Updates are located in the Resources section of MedEdWorld. This will give you direct access to all the hyperlinks listed in the summary.

www.mededworld.org  www.amee.org