MedEdWorld Updates highlight useful and easily accessible sources of information on key and important topics in medical education contributed by leading experts from around the world.

UPDATE ON
TEAM-BASED LEARNING
Useful resources on MedEdWorld

Dr Catherine Kennedy, AMEE Projects Officer

GLOSSARY
A database of the expanding vocabulary used in medical education

Team-Based Learning: Team-based learning is a learner-centred, instructor-directed strategy that incorporates class-based teamwork and assessment to enhance active learning and critical thinking. Originally developed by Larry Michaelsen in a business school environment to promote the benefits of small-group teaching in a large group setting, it has since been increasingly used within medical education. It can be used with large or small classes, and involves dividing a class into multiple small groups of between 5-7 students in a single classroom. One content-expert can instruct 20 or more teams, and grading, peer evaluation and feedback are used to promote individual and team accountability and learning. A summary of TBL and how it can be implemented can be found in our Glossary.


WEBINARS
Hour-long interactive presentations with experts in medical education

Transform Your Classroom into Active Learning: Team-Based Learning from A-Z
Date: 2013
Presenter: Dean Parmelee
Host Institution: Wright State University Boonshoft, School of Medicine, USA
www.mededworld.org/Webinars/Webinar-Items/Transform-Your-Classroom-into-Active-Learning-Te.aspx
This webinar demonstrates the experience of being a learner in a TBL module, and a set of activities to help viewers create one for their own unit of instruction.

TEXTBOOKS
A selection of texts recommended on MedEdWorld

www.mededworld.org/Publications/Textbooks/Team-Based-Learning-for-Health-Professions-Edu-%281%29.aspx
This book outlines the theory, structure, and process of TBL, explains how TBL promotes problem solving and critical thinking skills, aligns with the goals of science and health courses, improves knowledge retention and application, and develops students as professional practitioners.
A selection of key articles recommended by the MedEdWorld Community

www.mededworld.org/Publications/Articles/Using-team-based-learning-to-prepare-medical-student.aspx
This article describes the experience of adapting a team-based learning (TBL) approach as preparation for later study in a PBL environment.

This paper examines changes in team emotional intelligence during a third year clerkship where TBL is a primary instructional strategy.

This article reports on the impact of TBL on student engagement, satisfaction and educational achievements when introduced into a medical ethics.

This article reports on 3 years of experience implementing a blend of team-based learning (TBL) and online learning modules in an undergraduate medical course.

www.mededworld.org/Publications/Articles/The-educational-theory-basis-of-team-based-learning.aspx
This article shows how TBL follows the principles of constructivist learning theory.

This article reports on the introduction of a modified TBL approach in a large class, the challenges of its implementation and preliminary data of its effects on student performance.

This article explains the importance and relevance of TBL in healthcare education, and supports its inclusion as an effective learning strategy.

RESOURCEs Including reports, websites, video clips, images and diagrams

Website - The Team-Based Learning Collaborative
www.mededworld.org/Resources/Team-Based-Learning-Collaborative.aspx
This website contains a wealth of useful information on Team-Based Learning, with videos, literature and a range of other resources to support all aspects.

Video clip - Duke University School of Medicine (2011) Duke School of Medicine embraces Team-Based Learning
This short video from Duke University School of Medicine demonstrates the use of Team-Based Learning (TBL) in medical education.

Video clip - University of Texas at Austin (2011) Team-Based Learning: Group Work that Works
This excellent video from the University of Texas at Austin provides a valuable summary of Team-Based Learning (TBL) in action.

Video clip - Dean Parmelee (2009) Background to Team-Based Learning
www.mededworld.org/Resources/Video-Clips/Background-to-Team-Based-Learning.aspx
This presentation outlines the historical development of TBL and provides an overview of the characteristics and principles of the approach.

Video clip - Nagaswami Vasan (2009) Team Based Learning in Anatomy
Nagaswami Vasan, Professor of Anatomy, explains how team based learning has been used in the teaching of anatomy in his medical school over the past five years.

Conference video - AMEE 2010 Symposium: Team Based Learning
www.mededworld.org/Resources/Video-Clips/AMEE-2010-Symposium-Team-Based-Learning.aspx
Presented at AMEE 2010 in Glasgow, Scotland by Dean Parmelee (USA), Larry Michaelsen (USA), Sandy Cook (Singapore), Hossam Hamdy (UAE) and Toshi Yoshioka (Japan)
A space for debating a wide range of topics of current interest to the health professions.

LEARNING TECHNOLOGY

IF-AT
www.mededworld.org/Learning-Technology/Equipment-Items/IF-AT.aspx
The Immediate Feedback Assessment Technique (IF-AT) is a multiple choice learning and assessment system. It is suited to classroom assessment.

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

Method of the Month – Team Based Learning
www.mededworld.org/Forums/f129/t2629/Team-Based-Learning.aspx
Post you queries, ideas and suggestions about team based learning here for discussion with colleagues.

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

POLL

Our survey said...

Has your school thought about using Team-Based Learning?
www.mededworld.org/News/News-Articles/Poll-Results-Has-your-school-thought-about-using-T.aspx
The results of our March survey revealed that 41% of respondents reported that their school was planning to implement Team-Based Learning, and 24% that TBL had already been implemented. Of the remaining respondents 23% advised that to their knowledge their school had not considered TBL while a further 12% advised that while TBL had been considered their school had decided not to implement it.

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.

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.