

Teaching in Health Professions (Semester Two 2024/25)

View Online



1.

Association for the Study of Medical Education. Understanding medical education: evidence, theory, and practice. (Wiley-Blackwell, 2019).

2.

Hodges, B. D. A practical guide for medical teachers. (Elsevier, 2017).

3.

A handbook for teaching and learning in higher education: enhancing academic practice. (Routledge, 2020).

4.

Mann, K. V., Holmes, D. B., Hayes, V. M., Burge, F. I. & Viscount, P. W. Community family medicine teachers' perceptions of their teaching role. *Medical Education* **35**, 278–285 (2008).

5.

Steinert, Y. & Macdonald, M. E. Why physicians teach: giving back by paying it forward. *Medical Education* **49**, 773–782 (2015).

6.

Grow, G. O. Teaching Learners To Be Self-Directed. *Adult Education Quarterly* **41**, 125–149 (1991).

7.

Elizabeth, M. Constructivism: From Philosophy to Practice. (1997).

8.

Kitchener, K. S. & King, P. M. Reflective judgment: Concepts of justification and their relationship to age and education. *Journal of Applied Developmental Psychology* **2**, 89–116 (1981).

9.

P. M. Van Der Vleuten, D. H. J. M., C. The need for evidence in education. *Medical Teacher* **22**, 246–250 (2000).

10.

King, A. From Sage on the Stage to Guide on the Side. *College Teaching* **41**, 30–35 (1993).

11.

A handbook for teaching and learning in higher education: enhancing academic practice. (Routledge, 2020).

12.

McCormick, R., Paechter, C. F., Open University & Scheffler. Learning and knowledge. vol. Open University (Paul Chapman in association with the Open University, 1999).

13.

Muijs, D. Doing quantitative research in education with SPSS. (SAGE, 2011).

14.

- Skeff, K., Bowen, J. & Irby, D. Protecting Time for Teaching in the Ambulatory Care Setting. *Academic Medicine* **72**, 694–697 (1997).
- 15.
- Luft, J. The Johari Window: A graphic model of Awareness in Interpersonal Relations. *Human relations training news* **5**, (1961).
- 16.
- McKimm, J. & Swanwick, T. Assessing learning needs. *British Journal of Hospital Medicine* **70**, 348–351 (2009).
- 17.
- Amery, J. & Lapwood, S. A study into the educational needs of children's hospice doctors: a descriptive quantitative and qualitative survey. *Palliative Medicine* **18**, 727–733 (2004).
- 18.
- ABC of learning and teaching in medicine. (Wiley, 2017).
- 19.
- Hersey, P. & Blanchard, K. H. Great ideas revisited. *Training & Development* **50**, 42–47 (1996).
- 20.
- Bloom, B. S., Krathwohl, D. R. & Masia, B. B. Taxonomy of educational objectives: the classification of educational goals. (Longman, 1964).
- 21.
- Atkinson, S. P. Graduate Competencies, Employability and Educational Taxonomies: Critique of Intended Learning Outcomes. *Practice and Evidence of Scholarship of Teaching and Learning in Higher Education* **10**, 154–177 (2015).

22.

Bligh, D. A. What's the use of lectures? vol. The Jossey-Bass higher and adult education series (Jossey-Bass Publishers, 2000).

23.

Brown, G. & Manogue, M. AMEE Medical Education Guide No. 22: Refreshing lecturing: a guide for lecturers. *Medical Teacher* **23**, 231–244 (2001).

24.

Pugsley, L. How to design an effective PowerPoint presentation. *Education for Primary Care* **21**, 51–53 (2010).

25.

Dunkin, M. J. A Review of Research on Lecturing. *Higher Education Research & Development* **2**, 63–78 (1983).

26.

Verner, C. & Dickinson, G. The Lecture, An Analysis and Review of Research. *Adult Education Quarterly* **17**, 85–100 (1967).

27.

Gardiner, L. F. Redesigning Higher Education: Producing Dramatic Gains in Student Learning. (1994).

28.

Stuart, J. & Rutherford, R. J. D. MEDICAL STUDENT CONCENTRATION DURING LECTURES. *The Lancet* **312**, 514–516 (1978).

29.

Abel, M. & Bäuml, K.-H. T. Sleep can reduce proactive interference. *Memory* **22**, 332–339

(2014).

30.

Baddeley, A. D. Human memory: theory and practice. (Psychology Press, 1997).

31.

Abercrombie, M. L. J. The anatomy of judgement: an investigation into the processes of perception and reasoning. (Free Association, 1989).

32.

Dudley-Evans & Johns. The teaching of listening comprehension. (1981).

33.

The Dr. Fox effect: a study of lecturer effectiveness and ratings of instruction.
http://journals.lww.com/academicmedicine/Abstract/1975/02000/The_Dr_Fox_effect__a_study_of_lecturer.6.aspx (1975).

34.

Hashweh, M. Z. Effects of subject-matter knowledge in the teaching of biology and physics. *Teaching and Teacher Education* **3**, 109–120 (1987).

35.

Shieh, K.-K. & Lin, C.-C. Effects of screen type, ambient illumination, and color combination on VDT visual performance and subjective preference. *International Journal of Industrial Ergonomics* **26**, 527–536 (2000).

36.

French, M. M. J. et al. Changing Fonts in Education: How the Benefits Vary with Ability and Dyslexia. *The Journal of Educational Research* **106**, 301–304 (2013).

37.

Josephson, S. Keeping Your Readers' Eyes on the Screen: An Eye-Tracking Study Comparing Sans Serif and Serif Typefaces. *Visual Communication Quarterly* **15**, 67-79 (2008).

38.

Brown, G. & Atkins, M. *Effective teaching in higher education*. (Routledge, 1990).

39.

Roman, B., Hayden, C. & Parmelee, D. Medical Education Should Say Goodbye to Lectures. *Academic Medicine* **96**, 1499-1500 (2021).

40.

Prober, C. G. & Norden, J. G. Learning Alone or Learning Together: Is It Time to Reevaluate Teacher and Learner Responsibilities? *Academic Medicine* **96**, 170-172 (2021).

41.

Brown, S. & Race, P. *Lecturing: a practical guide*. (Kogan Page, 2002).

42.

Gibbs, G. *Learning by Doing: a guide to teaching and learning methods*. (1988).

43.

Astin, A. W. *What matters in college?: four critical years revisited*. vol. Jossey-Bass higher and adult education series (Jossey-Bass, 1993).

44.

Hake, R. R. Interactive-engagement versus traditional methods: A six-thousand-student survey of mechanics test data for introductory physics courses. *American Journal of Physics* **66**, (1998).

45.

Bonwell, C. & Eison, J. Active learning: creating excitement in the classroom. (1991).

46.

Redish, E. F., Saul, J. & Steinberg, R. On the effectiveness of active-engagement microcomputer-based laboratories. *American Journal of Physics* **65**, (1997).

47.

Draper, S. W. & Brown, M. I. Increasing interactivity in lectures using an electronic voting system. *Journal of computer assisted learning* **20**, 81–94 (2004).

48.

Ruhl, K. L., Hughes, C. A. & Schloss, P. J. Using the Pause Procedure to Enhance Lecture Recall. *Teacher Education and Special Education: The Journal of the Teacher Education Division of the Council for Exceptional Children* **10**, 14–18 (1987).

49.

Ernst, H. & Colthorpe, K. The efficacy of interactive lecturing for students with diverse science backgrounds. *AJP: Advances in Physiology Education* **31**, 41–44 (2007).

50.

Snell, Y. S., Linda S. Interactive lecturing: strategies for increasing participation in large group presentations. *Medical Teacher* **21**, 37–42 (1999).

51.

Schell, J. What is a flipped classroom? (in 60 seconds).
<http://blog.peerinstruction.net/2013/04/22/what-is-a-flipped-classroom-in-60-seconds/>.

52.

Cardall, S., Krupat, E. & Ulrich, M. Live Lecture Versus Video-Recorded Lecture: Are Students Voting with their feet? *Academic Medicine* **83**, 1174–1178 (2008).

53.

Bergmann, J. & Sams, A. Flip your classroom: reach every student in every class every day. (International Society for Technology in Education, 2012).

54.

Prober, C. & Khan, S. Medical Education Reimagined: A Call to Action : *Academic Medicine*. *Academic Medicine* **88**, 1407–1410 (2013).

55.

Clark, D. Ten reasons we should ditch university lectures.

56.

Mazur, E. Peer instruction: Getting students to think in class. in AIP Conference Proceedings 981–988 (AIP, 1997). doi:10.1063/1.53199.

57.

Mazur, E. Peer instruction: a user's manual. vol. Prentice Hall series in educational innovation (Prentice Hall, 1997).

58.

Cantillon, P. ABC of learning and teaching in medicine: Teaching large groups. *BMJ* **326**, 437–437 (2003).

59.

Graffam, B. Active learning in medical education: Strategies for beginning implementation. *Medical Teacher* **29**, 38–42 (2007).

60.

Patient Assessment Questionnaire.

61.

Gillispie, V. Using the Flipped Classroom to Bridge the Gap to Generation Y. *The Ochsner Journal* **16**, (2016).

62.

Bell, R., Martin, S., McCulloch, G. & O'Sullivan, C. *Research methods in education*. (Routledge, 2011).

63.

BEME Collaboration. <http://www.bemecollaboration.org/>.

64.

Joanna Briggs Institute QARI. <https://jbi.global/>.

65.

Brookfield, S. *Developing critical thinkers: challenging adults to explore alternative ways of thinking and acting*. (Open University Press, 1987).

66.

Burls, A. & Hayward Medical Communications Ltd. *What is critical appraisal?* (Hayward Medical Communications, 2014).

67.

The Campbell Collaboration. <http://www.campbellcollaboration.org/>.

68.

CASP Critical Appraisal Skills Programme Oxford UK. <http://www.casp-uk.net/>.

69.

Cochrane | Trusted evidence. Informed decisions. Better health. <http://www.cochrane.org/>.

70.

Da Silva, A. L. & Dennick, R. Corpus analysis of problem-based learning transcripts: an exploratory study. *Medical Education* **44**, 280–288 (2010).

71.

Garrison, D. R. Critical thinking and adult education: a conceptual model for developing critical thinking in adult learners. *International Journal of Lifelong Education* **10**, 287–303 (1991).

72.

Hammick, M., Dornan, T. & Steinert, Y. Conducting a best evidence systematic review. Part 1: From idea to data coding. BEME Guide No. 13. *Medical Teacher* **32**, 3–15 (2010).

73.

Horsley, T. et al. Teaching critical appraisal skills in healthcare settings. *Cochrane Database of Systematic Reviews* (2011) doi:10.1002/14651858.CD001270.pub2.

74.

Huang, G. C., Newman, L. R. & Schwartzstein, R. M. Critical Thinking in Health Professions Education: Summary and Consensus Statements of the Millennium Conference 2011. *Teaching and Learning in Medicine* **26**, 95–102 (2014).

75.

Evaluation of a programme of workshops for promoting the teaching of critical appraisal skills. *Medical Education* **32**, 486–491 (1998).

76.

Jenicek, M. The hard art of soft science: Evidence-Based Medicine, Reasoned Medicine or both? *Journal of Evaluation in Clinical Practice* **12**, 410–419 (2006).

77.

Kee, F. & Bickle, I. Critical thinking and critical appraisal: the chicken and the egg? *QJM* **97**, 609–614 (2004).

78.

Kirkpatrick, D. Great Ideas Revisited: Revisiting Kirkpatrick's Four-Level Model. *Training and Development* **50**, 54–59 (1996).

79.

Missimer, C. A. *Good arguments: an introduction to critical thinking*. (Prentice Hall, 1995).

80.

Moore, T. J. Critical thinking and disciplinary thinking: a continuing debate. *Higher Education Research & Development* **30**, 261–274 (2011).

81.

Paul, R. *Critical thinking: how to prepare students for a rapidly changing world*. (foundation for critical thinking, 1995).

82.

Paul, R. & Elder, L. *The Miniature Guide to Critical Thinking: Concepts and Tools*. (2006).

83.

Yardley, S. & Dornan, T. Kirkpatrick's levels and education 'evidence'. *Medical Education* **46**, 97–106 (2012).

84.

Ajjawi, R., Rees, C. & Monrouxe, L. V. Learning clinical skills during bedside teaching encounters in general practice: A video-observational study with insights from activity theory. *Journal of workplace learning* **27**, 298–314 (2015).

85.

Benbassat, J. Undesirable features of the medical learning environment: a narrative review of the literature. *Advances in Health Sciences Education* **18**, 527–536 (2013).

86.

Birch, L. Strategies to implement the recommendations of the Francis report. *British Journal of Healthcare Management* **21**, 558–563 (2015).

87.

Byrne, A. M. & Sias, S. M. Conceptual Application of the Discrimination Model of Clinical Supervision for Direct Care Workers in Adolescent Residential Treatment Settings. *Child & Youth Care Forum* **39**, 201–209 (2010).

88.

Darongkamas, J., John, C. & Walker, M. J. An eight-eyed version of Hawkins and Shohet's clinical supervision model: the addition of the cognitive analytic therapy concept of the 'observing eye/I' as the 'observing us'. *British Journal of Guidance & Counselling* **42**, 261–270 (2014).

89.

Donaldson, A. L. Pre-Professional Training for Serving Children With ASD: An Apprenticeship Model of Supervision. *Teacher Education and Special Education: The*

Journal of the Teacher Education Division of the Council for Exceptional Children **38**, 58–70 (2015).

90.

Geller, E. & Foley, G. M. Broadening the "Ports of Entry" for Speech-Language Pathologists: A Relational and Reflective Model for Clinical Supervision. *American Journal of Speech-Language Pathology* **18**, (2009).

91.

Hauer, K. E. et al. Understanding trust as an essential element of trainee supervision and learning in the workplace. *Advances in Health Sciences Education* (2013) doi:10.1007/s10459-013-9474-4.

92.

McCarthy, C. P. & McEvoy, J. W. Pimping in Medical Education. *JAMA* **314**, (2015).

93.

The art of teaching medical students. (Reed Elsevier India Pvt Ltd, 2015).

94.

Veenman, S. The Training of Coaching Skills: an implementation study. *Educational Studies* **21**, 415–431 (1995).

95.

Westerman, D. A. & Smith, S. A. A Research-Based Model for the Clinical Supervision of Student Teachers. (1993).

96.

Sweet, J., Pugsley, L. & Wilson, J. Stakeholder perceptions of chairside teaching and learning in one UK dental school. *BDJ* **205**, 499–503 (2008).

97.

Sweet, J., Wilson, J. & Pugsley, L. Chairside teaching and the perceptions of dental teachers in the UK. *BDJ* **205**, 565–569 (2008).

98.

Sweet, J., Wilson, J., Pugsley, L. & Schofield, M. Tools to share good chairside teaching practice: a clinical scenario and appreciative questionnaire. *BDJ* **205**, 603–606 (2008).

99.

Sweet, J., Wilson, J. & Pugsley, L. Educational innovations for dentistry. *BDJ* **206**, 29–34 (2009).

100.

Wilson, J., Sweet, J. & Pugsley, L. Developmental guidelines for good chairside teaching - a consensus report from two conferences. *European Journal of Dental Education* **19**, 185–191 (2015).

101.

Najim, M. et al. The trend toward digital in medical education – playing devil's advocate. *Advances in Medical Education and Practice* (2015) doi:10.2147/AMEP.S95309.

102.

Ferguson, Z. Technology-enhanced learning should be employed alongside – not instead of – bedside teaching. *Advances in Medical Education and Practice* (2016) doi:10.2147/AMEP.S102902.

103.

Woodley, N., McKelvie, K. & Kellett, C. Bedside teaching: specialists versus non-specialists. *The Clinical Teacher* n/a-n/a (2015) doi:10.1111/tct.12373.

104.

Eby, L. T. Cross-lagged relations between mentoring received from supervisors and employee OCBs: Disentangling causal direction and identifying boundary conditions. *Journal of Applied Psychology* (2015).

105.

Rose, G. L. Group Differences in Graduate Students? Concepts of The Ideal Mentor. *Research in Higher Education* **46**, 53–80 (2005).

106.

Sambunjak, D. & Marušić, A. Mentoring. *JAMA* **302**, (2009).

107.

Sambunjak, D., Straus, S. E. & Marušić, A. Mentoring in Academic Medicine. *JAMA* **296**, (2006).

108.

Taherian, K. & Shekarchian, M. Mentoring for doctors. Do its benefits outweigh its disadvantages? *Medical Teacher* **30**, e95–e99 (2008).

109.

Zerzan, Judy T. MD, MPH; Hess, Rachel MD; Schur, Ellen MD; Phillips, Russell S. MD; Rigotti, Nancy MD. Making the Most of Mentors: A Guide for Mentees.

110.

Byrne, A. What is simulation for? *Anaesthesia* **67**, 219–225 (2012).

111.

Ellis, M. V. Bridging the Science and Practice of Clinical Supervision: Some Discoveries, Some Misconceptions. *The Clinical Supervisor* **29**, 95–116 (2010).

112.

Ellis, M. V. A comparative study of clinical supervision in the Republic of Ireland and the United States. *Journal of Counseling Psychology* (2015).

113.

Hauer, K. E. et al. Understanding trust as an essential element of trainee supervision and learning in the workplace. *Advances in Health Sciences Education* (2013)
doi:10.1007/s10459-013-9474-4.

114.

MacDonald, J. & Kell, C. Develop your Teaching through Peer Review | Wales Deanery.

115.

Ramani, S. & Krackov, S. K. Twelve tips for giving feedback effectively in the clinical environment. *Medical Teacher* **34**, 787–791 (2012).

116.

Ramani, S. Twelve tips to improve bedside teaching. *Medical Teacher* **25**, 112–115 (2003).

117.

Detsky, A. S. The Art of Pimping. *JAMA* **301**, (2009).

118.

Kost et al, A. Socrates Was Not a Pimp: Changing the Paradigm of Questioning in Medical Education.

119.

Association for the Study of Medical Education. Understanding medical education: evidence, theory, and practice. (Wiley-Blackwell, 2019).

120.

Pai, H.-H., Sears, D. A. & Maeda, Y. Effects of Small-Group Learning on Transfer: a Meta-Analysis. *Educational Psychology Review* **27**, 79–102 (2015).

121.

Second Teaching: A Study of Small Group Physics Learning."

122.

Garrison, D. R. Critical Thinking and Self-Directed Learning in Adult Education: An Analysis of Responsibility and Control Issues. *Adult Education Quarterly* **42**, 136–148 (1992).

123.

Saye, J. W. & Brush, T. Scaffolding Critical Reasoning about History and Social Issues in Multimedia-Supported Learning Environments. *Educational Technology Research and Development* **50**, 77–96 (2002).

124.

Nicol, D. J. & Macfarlane-Dick, D. Formative assessment and self-regulated learning: a model and seven principles of good feedback practice. *Studies in Higher Education* **31**, 199–218 (2006).

125.

Walton, H. Small group methods in medical teaching. *Medical Education* **31**, 459–464 (1997).

126.

Barrows, H. S. & Tamblyn, R. M. Problem-based learning: an approach to medical education. vol. v. 1 (Springer Pub. Co, 1980).

127.

Schmidt, H. G., Rotgans, J. I. & Yew, E. H. The process of problem-based learning: what works and why. *Medical Education* **45**, 792–806 (2011).

128.

Svinicki, M. D. Moving Beyond "It worked": The Ongoing Evolution of Research on Problem-Based Learning in Medical Education. *Educational Psychology Review* **19**, 49–61 (2007).

129.

Savin-Baden, M., Major, C. H., & Society for Research into Higher Education. *Foundations of problem-based learning*. vol. SRHE and Open University Press imprint (Society for Research into Higher Education & Open University Press, 2004).

130.

Strobel, J. & van Barneveld, A. When is PBL more effective? A meta-synthesis of meta-analyses comparing PBL to conventional classrooms.
<http://docs.lib.purdue.edu/cgi/viewcontent.cgi?article=1046&context=ijpbl> (2009).

131.

Hmelo, C. E. Problem-Based Learning: Effects on the Early Acquisition of Cognitive Skill in Medicine. *Journal of the Learning Sciences* **7**, 173–208 (1998).

132.

Prince, K. J. A. H., van Eijs, P. W. L. J., Boshuizen, H. P. A., van der Vleuten, C. P. M. & Scherpbier, A. J. J. A. General competencies of problem-based learning (PBL) and non-PBL graduates. *Medical Education* **39**, 394–401 (2005).

133.

Schmidt et al, H. G. The development of diagnostic competence: comparison of a

problem-based, an integrated, and a conventional medical curriculum.[Article].

134.

Albanese, M. Problem-based learning: why curricula are likely to show little effect on knowledge and clinical skills. *Medical Education* **34**, 729–738 (2000).

135.

Simons, K. D. & Ertmer, P. A. Scaffolding Disciplined Inquiry in Problem-Based Environments.

136.

Gilkison, A. Techniques used by 'expert' and 'non-expert' tutors to facilitate problem-based learning tutorials in an undergraduate medical curriculum. *Medical Education* **37**, 6–14 (2003).

137.

Park, J., Carter, G., Butler, S. M., Wiebe, E. N. & Reid-Griffin, A. R.-G. Gestures: Silent Scaffolding within Small Groups. *The Journal of Classroom Interaction* **41**, 15–21 (2006).

138.

Savin-Baden, M., Wilkie, K., & Society for Research into Higher Education. *Challenging research in problem-based learning*. (Society for Research into Higher Education & Open University Press, 2004).

139.

Daloz, L. A. *Effective teaching and mentoring*. vol. The Jossey-Bass higher education series (Jossey-Bass, 1986).

140.

Dolmans, D., H. J. M. & Schmidt, H. G. What drives the student in problem-based learning?

Medical Education **28**, 372–380 (1994).

141.

Haith-Cooper, M. Problem-based learning within health professional education. What is the role of the lecturer? A review of the literature. *Nurse Education Today* **20**, 267–272 (2000).

142.

Haith-Cooper, M. An exploration of tutors' experiences of facilitating problem-based learning. Part 2—implications for the facilitation of problem based learning. *Nurse Education Today* **23**, 65–75 (2003).

143.

Schmidt, H. G. & Moust, J. H. What makes a tutor effective? A structural-equations modeling approach to learning in problem-based curricula.[Article].

144.

Andrews, M. & Jones, P. R. Problem-based learning in an undergraduate nursing programme: a case study. *Journal of Advanced Nursing* **23**, 357–365 (1996).

145.

Alavi, C. *Problem-based learning in a health sciences curriculum*. (Routledge, 1995).

146.

Steele, D. J., Medder, J. D. & Turner, P. A comparison of learning outcomes and attitudes in student- versus faculty-led problem-based learning: an experimental study. *Medical Education* **34**, 23–29 (2000).

147.

Murray, I. & Savin-Baden, M. Staff Development in Problem-based Learning. *Teaching in Higher Education* **5**, 107–126 (2000).

148.

Couto, L. B., Bestetti, R. B., Restini, C. B. A., Faria-Jr, M. & Romão, G. S. Brazilian medical students' perceptions of expert versus non-expert facilitators in a (non) problem-based learning environment. *Medical Education Online* **20**, (2015).

149.

Evensen, D. H. & Hmelo-Silver, C. E. *Problem-based learning: a research perspective on learning interactions*. (Lawrence Erlbaum Publishers, 2000).

150.

Hitchcock, M. A. & Anderson, A. S. Dealing with dysfunctional tutorial groups. *Teaching and Learning in Medicine* **9**, 19–24 (1997).

151.

Tanner, K. D. Promoting Student Metacognition. *CBE—Life Sciences Education* **11**, 113–120 (2012).

152.

Azer, S. A. Challenges facing PBL tutors: 12 tips for successful group facilitation. *Medical Teacher* **27**, 676–681 (2005).

153.

Johnson, D. W. & Johnson, F. P. *Joining together: group theory and group skills*. vol. Prentice-Hall international editions (Prentice/Hall International, 1991).

154.

Last, K. S., Appleton, J. & Stevenson, H. Basic science knowledge of dental students on conventional and problem-based learning (PBL) courses at Liverpool. *European Journal of Dental Education* **5**, 148–154 (2001).

155.

Azer, S. A., Mclean, M., Onishi, H., Tagawa, M. & Scherpbier, A. Cracks in problem-based learning: What is your action plan? *Medical Teacher* **35**, 806–814 (2013).

156.

Fatmi, M., Hartling, L., Hillier, T., Campbell, S. & Oswald, A. E. The effectiveness of team-based learning on learning outcomes in health professions education: BEME Guide No. 30. *Medical Teacher* **35**, e1608–e1624 (2013).

157.

Koles, P., Nelson, S., Stolfi, A., Parmelee, D. & DeStephen, D. Active learning in a Year 2 pathology curriculum. *Medical Education* **39**, 1045–1055 (2005).

158.

Parmelee, D., Michaelsen, L. K., Cook, S. & Hudes, P. D. Team-based learning: A practical guide: AMEE Guide No. 65. *Medical Teacher* **34**, e275–e287 (2012).

159.

Gullo, C., Ha, T. C. & Cook, S. Twelve tips for facilitating team-based learning. *Medical Teacher* **37**, 819–824 (2015).

160.

Coady, S., Kalet, A. & Hopkins, M. A. Online classrooms enhance clerkship small group teaching. *Medical Education* **39**, 1152–1153 (2005).

161.

Wells, S., Warelow, P. & Jackson, K. Problem based learning (PBL): A conundrum. *Contemporary Nurse* **33**, 191–201 (2009).

162.

Rowan, C. J., McCourt, C. & Beake, S. Problem based learning in midwifery – The students' perspective. *Nurse Education Today* **28**, 93–99 (2008).

163.

Uijtdehaage, S. & O'Neal, C. A curious case of the phantom professor: mindless teaching evaluations by medical students. *Medical Education* **49**, 928–932 (2015).

164.

A handbook for teaching and learning in higher education: enhancing academic practice. (Routledge, 2020).

165.

E-learning methodologies. (2011).

166.

Conole, G. The 7Cs of Learning Design - a new approach to rethinking design practice. (2014).

167.

University Benchmark for the Use of Technology in Modules.
<http://staff.napier.ac.uk/services/vice-principal-academic/academic/TEL/TechBenchmark/Pages/home.aspx>.

168.

ABC Curriculum Design Workshops | UCL Digital Education team blog.
<http://blogs.ucl.ac.uk/digital-education/2015/09/30/9169/> (2015).

169.

Laurillard, D. Teaching as a design science: building pedagogical patterns for learning and technology. (Routledge, 2012).

170.

Salmon, G. E-moderating: the key to teaching and learning online. vol. Open and distance learning series (Kogan Page, 2000).

171.

Garrison, D. R., Anderson, T. & Archer, W. Critical Inquiry in a Text-Based Environment: Computer Conferencing in Higher Education. *The Internet and Higher Education* **2**, 87–105 (1999).

172.

Mishra, P. & Koehler, M. J. Technological Pedagogical Content Knowledge: A Framework for Teacher Knowledge.

173.

Association for the Study of Medical Education. *Understanding medical education: evidence, theory, and practice.* (Wiley-Blackwell, 2019).

174.

Dale, V. H. M. *UCL E-Learning Evaluation Toolkit.* (2014).

175.

Rose, D. H. & Meyer, A. *Teaching every student in the Digital Age: universal design for learning.* (Association for Supervision and Curriculum Development, 2002).

176.

Fisher, M. *Digital learning strategies: how do I assign and assess 21st century work?* vol. ASCD arias (ASCD, 2013).

177.

Undergraduate Teaching Faculty: The 2013-2014 HERI Faculty Survey.
<http://heri.ucla.edu/pr-display.php?prQry=151> (2014).

178.

Clark, R. C. & Mayer, R. E. E-learning and the science of instruction: proven guidelines for consumers and designers of multimedia learning. (Pfeiffer, 2011).

179.

Active learning spaces and technology: advances in higher and further education.
(DroitwichNet, 2014).

180.

Seven principles for good practice in undergraduate education. (1987).

181.

Race, P. The lecturer's toolkit: a practical guide to assessment, learning and teaching.
(Routledge, 2007).

182.

Biggs, J. B., Tang, C. S., Kennedy, G. & Biggs, J. B. Teaching for quality learning at university
. (Open University Press, 2022).

183.

Okojie, M., Olinzock, A. & Okojie-Boulder, T. The Pedagogy of TEchnology Integration.

184.

Frost, J., de Pont, G. & Brailsford, I. Expanding assessment methods and moments in history. *Assessment & Evaluation in Higher Education* **37**, 293–304 (2012).

185.

Gould, J. & Day, P. Hearing you loud and clear: student perspectives of audio feedback in higher education. *Assessment & Evaluation in Higher Education* **38**, 554–566 (2013).

186.

Suetsugu, N., Ohki, M. & Kaku, T. Quantitative Analysis of Nursing Observation Employing a Portable Eye-Tracker. *Open Journal of Nursing* **06**, 53–61 (2016).

187.

Richstone, et al, L. M. D. Eye Metrics as an Objective Assessment of Surgical Skill.[Article].

188.

Hay, D. B., Tan, P. L. & Whaites, E. Non-traditional learners in higher education: comparison of a traditional MCQ examination with concept mapping to assess learning in a dental radiological science course. *Assessment & Evaluation in Higher Education* **35**, 577–595 (2010).

189.

Hay, D., Kinchin, I. & Lygo-Baker, S. Making learning visible: the role of concept mapping in higher education. *Studies in Higher Education* **33**, 295–311 (2008).

190.

Masters, K., Ellaway, R. H., Topps, D., Archibald, D. & Hogue, R. J. Mobile technologies in medical education: AMEE Guide No. 105. *Medical Teacher* 1–13 (2016)
doi:10.3109/0142159X.2016.1141190.

191.

Lovato, C. & Wall, D. Programme Evaluation: Improving Practice, Influencing Policy and Decision-Making. in *Understanding Medical Education* (ed. Swanwick, T.) 443–455 (John Wiley & Sons, Ltd, 2019). doi:10.1002/9781119373780.ch30.

192.

Tun, M. S. Fulfilling a new obligation: Teaching and learning of sustainable healthcare in the medical education curriculum. *Medical Teacher* **41**, 1168–1177 (2019).

193.

Shaw, E. et al. AMEE Consensus Statement: Planetary health and education for sustainable healthcare. *Medical Teacher* **43**, 272–286 (2021).

194.

Dash, Nihar Ranjan. Evaluation of the integration of social accountability values into medical education using a problem-based learning curriculum. *BMC Medical Education* **22**, (2022).

195.

Bevan, J. et al. Planetary health and sustainability teaching in UK medical education: A review of medical school curricula. *Medical Teacher* 1–10 (2022)
doi:10.1080/0142159X.2022.2152190.

196.

Tun, S. & Martin, T. Education for Sustainable Healthcare - A curriculum for the UK. (2022).

197.

Outcomes for graduates 2018. (2018).

198.

Infusing climate change and sustainability into the medical school curriculum - The BMJ. <https://blogs.bmj.com/bmj/2021/06/07/infusing-climate-change-and-sustainability-into-the-medical-school-curriculum/> (2021).

199.

Richardson, J., Grose, J., Doman, M. & Kelsey, J. The use of evidence-informed sustainability scenarios in the nursing curriculum: Development and evaluation of teaching methods. *Nurse Education Today* **34**, 490–493 (2014).

200.

Gandhi, V. et al. Integrating sustainability into postgraduate medical education. *Future Healthcare Journal* **7**, 102–104 (2020).

201.

Rourke, J. Social Accountability. *Academic Medicine* **93**, 1120–1124 (2018).

202.

Meili, R., Fuller, D. & Lydiate, J. Teaching social accountability by making the links: Qualitative evaluation of student experiences in a service-learning project. *Medical Teacher* **33**, 659–666 (2011).