











Virtual Events


	GENERAL INFORMATION
	SETTING THE STAGE
	KEEPING THEM ENGAGED
	INSPIRING PRACTICE CHANGE

Activity Type/Educational Format	Rationale for Use	Criteria Used for Educational Setting	Related to Objectives	Desired Results
Online/Web-based activities (Internet activity enduring material, Internet activity live)	<ul style="list-style-type: none"> Wide reach of content Delivery of information and updates Convenient 24/7 access Low cost to learners Multimedia (audio and video) Immediacy of education on emerging or critical topics (e.g., MRSA) Point of care learning 	<ul style="list-style-type: none"> Engages learners Self-directed Self-paced Efficient Accessible 	<ul style="list-style-type: none"> Knowledge Competence 	<ul style="list-style-type: none"> Update knowledge or concepts Organize concepts with what is known Obtain new knowledge or skills Improve competence Apply knowledge and competence to practice

Instructional Methods [\(link to full document\)](#)

Tips & Guides:	
     	<ul style="list-style-type: none"> Tip Sheet - Optimizing Synchronous Online Teaching Tips (2021) Tip Sheet - Twelve Tips to Present An Effective Webinar (2021) Tip Sheet – Maximizing Virtual Meetings and Conferences: A Review of Best Practices





















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 	<ul style="list-style-type: none"> • Harvard Business review – Reimagining Medical Conferences for a Virtual Setting • ACCME – Best Practices for Planning and Leading Virtual Meetings: Tips for Faculty
         	<ul style="list-style-type: none"> • Forbes – Zoom Fatigue: Ideas To Innovate And Shift Virtual Presentations • Hubilo Blog – 10 Tips to Host a Virtual Medical Conference • Bizjournals - Connect with your audience at your next virtual event • YouTube – Synchronous (Live Online) Teaching & Learning (Video Series Playlist)
<p><u>Reviewed Articles:</u></p>	
    	<p>Gamification and Multimedia for Medical Education: A Landscape Review</p> <p>Maximizing Virtual Meetings and Conferences: A Review of Best Practices</p>



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References:

(NOTE: The links below direct the user to the PubMed abstract. Access to full article is dependent on individual/ institutional subscription except in the case of open access articles that are accessible to all)

   	<p>1. Rubinger L, Gazendam A, Ekhtiari S, Nucci N, Payne A, Johal H, Khanduja V, Bhandari M. Maximizing virtual meetings and conferences: a review of best practices. <i>Int Orthop</i>. 2020 Aug;44(8):1461-1466. doi: 10.1007/s00264-020-04615-9. Epub 2020 May 23. PMID: 32445031</p>
  	<p>2. Ruiz-Barrera MA, Agudelo-Arrieta M, Aponte-Caballero R, Gutierrez-Gomez S, Ruiz-Cardozo MA, Madrinan-Navia H, Vergara-Garcia D, Riveros-Castillo WM, Saavedra JM. Developing a Web-Based Congress: The 2020 International Web-Based Neurosurgery Congress Method. <i>World Neurosurg</i>. 2021 Jan 14:S1878-8750(21)00018-8. doi: 10.1016/j.wneu.2020.12.174. Online ahead of print. PMID: 33453425</p>
   	<p>3. Wiecha J, Heyden R, Sternthal E, Merialdi M. Learning in a virtual world: experience with using second life for medical education. <i>J Med Internet Res</i>. 2010 Jan 23;12(1):e1. doi: 10.2196/jmir.1337. PMID: 20097652</p>
	<p>4. Shah S, Diwan S, Kohan L, Rosenblum D, Gharibo C, Soin A, Sulindro A, Nguyen Q, Provenzano DA. The Technological Impact of COVID-19 on the Future of Education and Health Care Delivery. <i>Pain Physician</i>. 2020 Aug;23(4S):S367-S380. PMID: 32942794</p>
	<p>5. Rundle CW, Husayn SS, Dellavalle RP. Orchestrating a virtual conference amidst the COVID-19 pandemic. <i>Dermatol Online J</i>. 2020 Jul 15;26(7):13030/qt5h19t1jx. PMID: 32898410</p>
   	<p>6. McCoy L, Lewis JH, Dalton D. Gamification and Multimedia for Medical Education: A Landscape Review. <i>J Am Osteopath Assoc</i>. 2016 Jan;116(1):22-34. doi: 10.7556/jaoa.2016.003. PMID: 26745561</p>
	<p>7. Wilson N, Valencia V, Smith-Bindman R. Virtual meetings: improving impact and accessibility of CME. <i>J Am Coll Radiol</i>. 2014 Mar;11(3):231-2. doi: 10.1016/j.jacr.2013.12.012. PMID: 24589394</p>
 	<p>8. Terhune KP, Choi JN, Green JM, et.al. ad astra per aspera (Through Hardships to the Stars): Lessons Learned from the First National Virtual APDS Meeting, 2020. <i>J Surg Educ</i>. Nov-Dec 2020; 77(6): 1465-1472. Doi: 10.1016/j.jsurg.2020.06.015. Epub 2020 Jul 6. PMID: 32646812</p>

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	<p>9. Norman M, Sharp E, Spagnoletti C, Miller B, 2020. Twelve Tips for Medical Education Leadership to Help Faculty in the Transition to Online Teaching. <i>MedEdPublish</i>. December 9, 2020; 9, [1], 275, https://doi.org/10.15694/mep.2020.000275.1</p>
	<p>10. Margolis A, Balmer J, Zimmerman A, López-Arredondo A, 2020. The Extended Congress: Reimagining scientific meetings after the COVID-19 pandemic. <i>MedEdPublish</i>. June 22, 2020; 9, [1], 128, https://doi.org/10.15694/mep.2020.000128.1</p>