Abstract Form

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Project Title:	Development of an Online Curriculum for the Management of Rheumatologic Emergencies

Research Category (please check one):						
☐	**Original Research**	☐	**Clinical Vignette**	☐	**Quality Improvement**	☒ **Medical Education Innovation**

Abstract

An abundance of data in the field of adult learning theory shows that the traditional 50-minute lecture has limited effectiveness, and yet it is still relied upon heavily in graduate medical education. Interactive online curricula have the potential to increase the effectiveness of didactics by supplementing traditional lectures to create a multimodal learning environment, and lend themselves well to remote learning in the pandemic era. In this study, we will create a series of interactive, case-based online modules focusing on the medical management of rheumatologic emergencies, geared toward medical residents and fellows. We will assess its effectiveness as a teaching modality by incorporating pre- and post-module surveys that include questions addressing the participants' confidence in the subject matter, their attitudes toward online curricula, and their mastery of key concepts from the module. The study will involve having medical residents and fellows complete an interactive online module on a rheumatologic emergency that they may do asynchronously. In addition to the module, they will be asked to complete optional online pre- and post-module surveys, which include questions about the participant's level of training, their exposure to rheumatologic emergencies, their confidence in management of rheumatologic emergencies, and their attitudes toward online curricula as a learning modality. 5-point Likert scales will be utilized for these questions. The pre- and post- surveys will also include multiple-choice questions testing the participants' knowledge of key concepts from the module. All of the study (module and survey completion) will be computer based. Anticipated time commitment for participants is 25 minutes over the course of a single session (approximately 5 minutes for completion of pre-survey, 15 minutes for completion of module, and 5 minutes for completion of post-survey).