



Title: A hybrid, virtual, live clinical and competency-based Emergency and Critical Care rotation: using all the buzzwords to develop a new student rotation experience

Authors: Kelly Hall, DVM, MS, DACVECC

Institution: Colorado State University

Abstract:

The alignment in timing of a newly assembled collaborative Critical Care Services faculty team, dissemination of AAVMC CBVE guidelines, a college level curriculum renewal process and pandemic restrictions led to the opportunity to fully revise the Colorado State University's Urgent Care (4-weeks) and Critical Care (2-weeks) rotations for the 2021-2022 clinical year. The target of the revision process was to create a rotation curriculum that ensured students had exposure to important learning opportunities regardless of clinical caseload, with an emphasis on clinical problem solving and hands-on skills important for small animal practitioners.

The process began by reviewing and revising the rotations' current targeted skills and objectives for learning with an eye toward "Day 1 readiness" for veterinary students. Next, the team mapped the rotation-specific objectives with the CBVE Domains of Competence which enabled expansion and further articulated precision for the defined outcomes. Lessons learned from the acute development of fully "remote" clinical rotation activities for students in the spring of 2020 (self-driven content exploration, remote joint rounds and journal club activities), in addition to further development of specific hands-on learning opportunities throughout the year (POCUS lab, RECOVER CPR BLS certification) were also incorporated into the revised rotation offerings. Additionally, a series of interactive, Canvas-based, online modules were developed to round out the student learning experience based on the competency mapping process. Finally, all learning activities were distributed between the 3-rotations.

The 2021-2022 Urgent Care and Critical Care rotations will include clinical floor experience, interactive case-based rounds, online self-guided learning modules, hands-on skills laboratories, communication-based mini-projects and primary case responsibilities in an effort to enhance veterinary student competencies outlined in the AAVMC CBVE guidelines.