

Development of a Prioritized Anesthesiology Residency Critical Care Content Outline

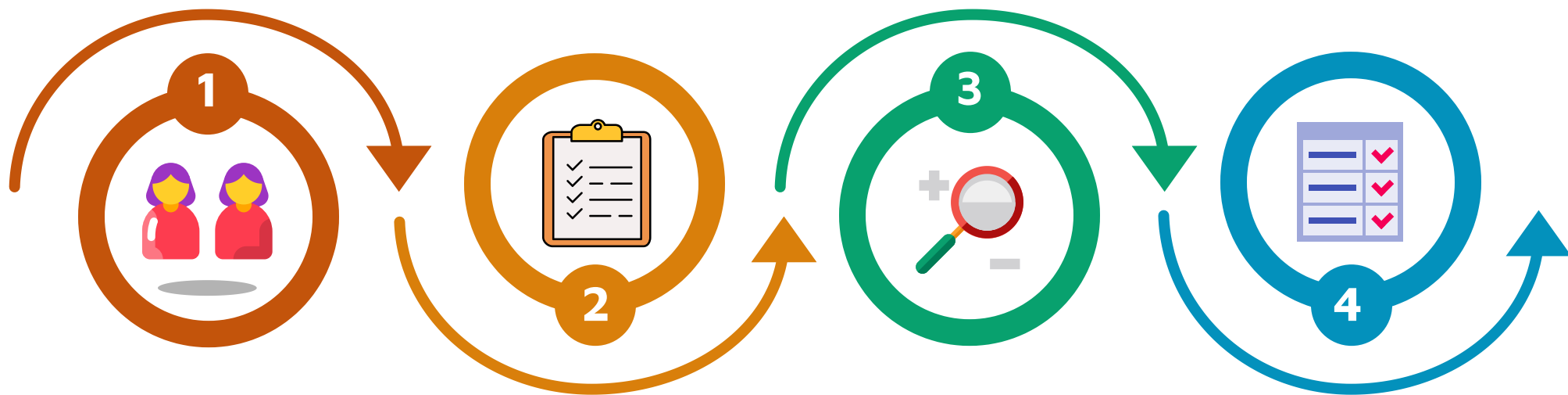
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Education in critical care medicine is an important and mandatory component of residency training. The ACGME and RRC require at least four months of critical care medicine.

Critical care experience varies greatly by institution and local populations and as such, there is **no standard of curriculum for critical care medicine across residency programs.**

Formal consensus group methods were employed to systematically create a **prioritized content outline.**



The National Consensus Panel:

- Anesthesiology core residency program directors
- Critical care medicine program directors
- SOCCA members
- Senior residents/fellows from various institutions

**All participants were provided background information on the curriculum project

Initial Content Development:

- A systematic literature review was conducted but yielded limited results
- Critical care topics were broadly selected from ACGME program requirements and ABA exam content outlines
- These topics were included in the initial survey and then shared with the consensus panel

The Survey Questions:

- How important is the topic to be included in the standardized critical care curriculum for anesthesiology residents
- When should the critical care topic be delivered as part of a standardized critical care curriculum?

**After the initial survey, panelists could propose new topics which were later clarified and added to subsequent iterations

Topic Prioritization:

- Topics were anonymously assessed for prioritization using a Likert Scale (1-9)
- The survey was ultimately conducted with three iterations
- A consensus was defined as more than 75% of participants rating the topic with scores 7-9
- 58 out of 136 (43%) critical care topics were ultimately selected

The **prioritized content outline** includes highly recommended **knowledge topics and procedural skills** as well as **ideal timing for inclusion in residency training.**

The prioritization of critical care medicine topics is an **initial step to address variability and inconsistency in critical care education.** The newly devised outline provides an efficient consensus-based list of topics.

