



Evidence-Based & Table of Authorities

The objective of this initiative is to keep certification examinations up to date, clinically accurate, standardized, reliable and valid. A noted challenge in high stakes testing for medical professions is the management and integration of large amounts of new and developing evidence into competency examinations. The National Registry convened a National Clinical Guidelines Task Force consisting of EMS stakeholders and subject matter experts to provide recommendations on establishing a valid, standardized, and transparent link between evolving scientific literature and national EMS certification examinations.

The Task Force used a modified Delphi methodology to develop a Table of Authorities that includes the types of available evidence and the associated quality of evidence. The Task Force also provided recommendations for implementation after considering the impact on examination development processes.

What You Need To Know

For EMS Clinicians, State Officials, and EMS Educators, the future incorporation of evidence-based guidelines will ensure certification examinations remain clinically accurate, standardized, reliable and valid.



Key Takeaways

- ✱ The National Registry is committed to keeping certification examinations up to date, clinically accurate, standardized, reliable and valid. Information regarding the Table of Authorities and the evidence-based guidelines initiative will continue to be communicated during 2023.
- ✱ The National Registry convened a National Clinical Guidelines Task Force consisting of EMS stakeholders and subject matter experts to provide recommendations on establishing a valid, standardized, and transparent link between scientific literature and national EMS certification examinations.
- ✱ As the National Registry explores, evaluates, and implements these guidelines into examinations, more details will be provided.

Questions

Q- Why are we changing?

A- The National Registry wants to ensure our examinations are inclusive of the most up-to-date clinical evidence. These evidence-based guidelines along with our Practice Analysis ensure we are testing to the latest EMS standards.

Q- How will an education program prepare for the changes?

A- To start, the National Registry will identify these guidelines for educators to familiarize themselves.

Q- When will this happen?

A- Internal evaluation of the evidence-based guidelines is commencing now. The guidelines could be incorporated into the examinations as “pilot” items in 2024.

Determining how to communicate the guidelines externally is on-going.

Q- Will there be adequate communications of these evidence-based guidelines?

A- Yes, the National Registry will begin with a notification of the evidence-based guidelines in 2023.

Q- Will the textbook publishers (vendors) be notified?

A- The textbook publishers will be notified as part of the communication strategy.



Things To Know

The evidence-based guidelines will be identified and evaluated in 2023.

New evidence-based guideline items will be developed throughout 2023 and “piloting” these items could occur in early 2024. These new items will follow the same thorough and psychometrically sound process prior to their incorporation into examinations as scored items.