

# Single Institution Analysis of Anesthesiology Residents' Online Question Bank Utilization and In-Training Exam Performance

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The In-Training Exam (ITE) is an annual 200 multiple choice exam administered to residents in ACGME-accredited programs.

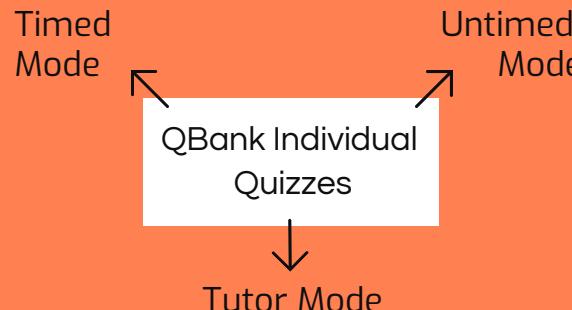
Individual performance is benchmarked against all ACGME anesthesiology trainees nationally within the same year.

## Examination Stats



The exam serves as a formative assessment to identify medical knowledge gaps.

Also, the ITE has been shown to be **positively** correlated with performance on the the ABA certification exams.



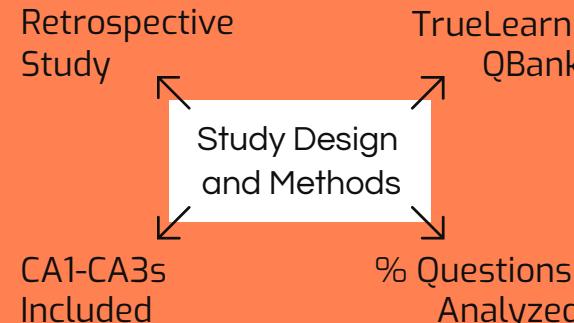
Active information retrieval through repeated low-stakes testing improves consolidation and longterm retention.

Online question banks are a form of a test-enhanced learning platform, offering different modes of study.

## So are Online Question Banks the Answer?

This study examined the association between question bank utilization and ITE performance among anesthesiology trainees.

The relationships between total number and percentage of questions completed were examined



↑ use of the Qbank as residents progressed in training

## Performance Metrics

The median number of questions answered increased with increasing PGY level (PGY2: 642; PGY3: 736; PGY4: 787). The percentage answered correctly was highest among senior residents (CA2-CA3s).



- ↑ positive relationship between ITE scores and % correct of Qbank questions within each training year

## Study Findings

No significance was found however between the volume and type of usage.



 Qbanks are not necessarily superior to other forms of study

## Exam Readiness

Qbank performance may serve as just one guide for identifying at-risk residents who may benefit from individual learning plans to enhance ITE and ABA certifying exam outcomes.