

Progress Testing of Basic Science Application During a Clinical **Competency-Based Curriculum Pilot** R. Brent Stansfield¹, Larry D. Gruppen¹, Chris Ricketts², Rajesh Mangrulkar¹

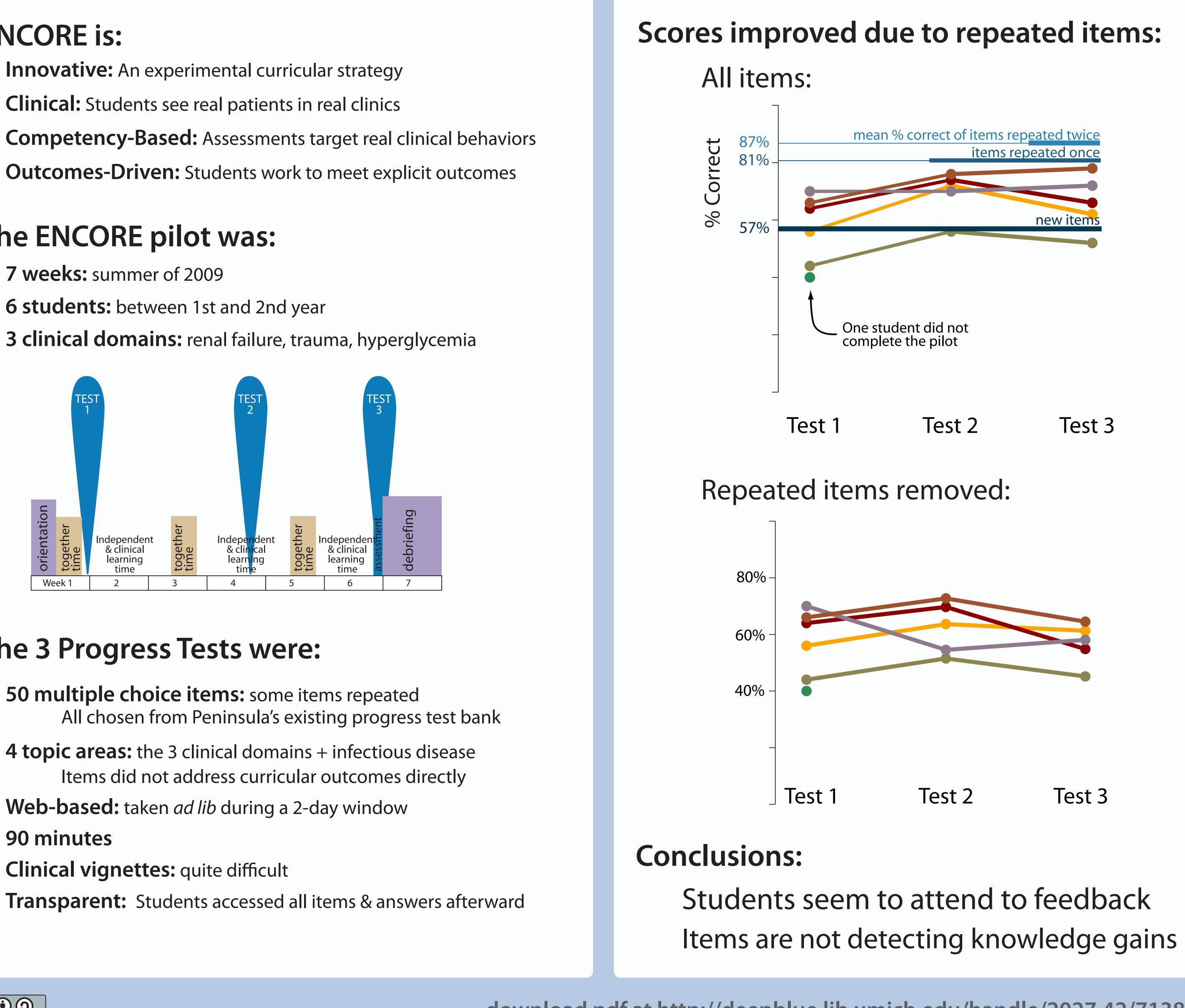
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ENCORE is:

Innovative: An experimental curricular strategy **Clinical:** Students see real patients in real clinics

The ENCORE pilot was:

- 7 weeks: summer of 2009
- 6 students: between 1st and 2nd year



The 3 Progress Tests were:

50 multiple choice items: some items repeated

Web-based: taken *ad lib* during a 2-day window 90 minutes

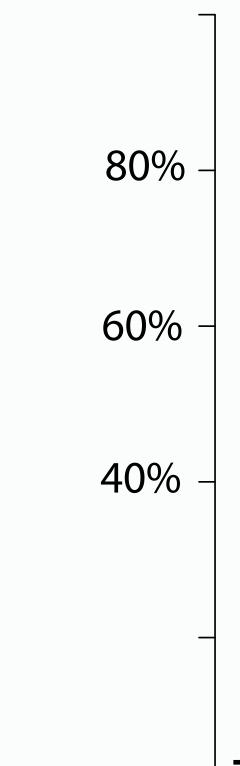
Clinical vignettes: quite difficult



download pdf at http://deepblue.lib.umich.edu/handle/2027.42/71389

items repeated once new items Test 3

Test 3



Conclusions:

Tests are not necessarily equally difficult

Next steps include:

Test many learner levels:

ENCORE pilot students were equal levels of learning On a valid test, more experience would improve scores Test difficulty is estimatable with many learner levels' scores

Use longer inter-test intervals:

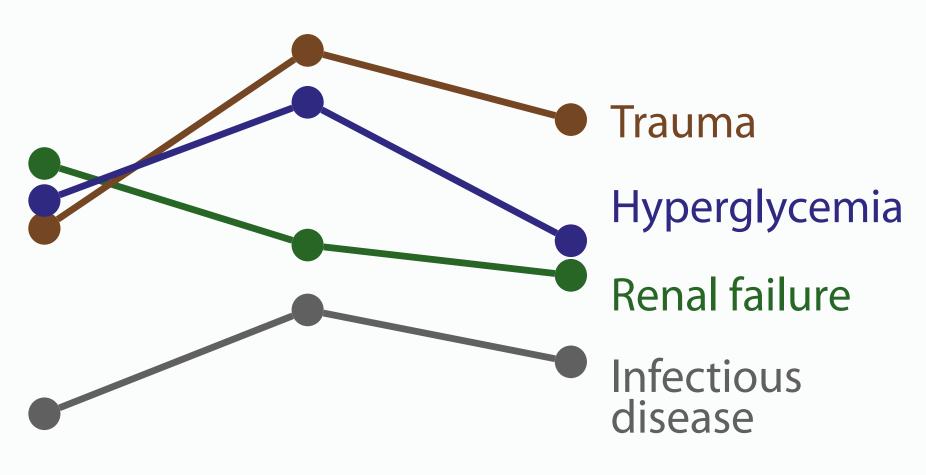
Allow consolidation of test feedback Reduce gains from repeated items

Write items to learning outcomes

Feedback more helpful towards learning goals Less frustrating for students

Topic scores were stable:

Repeated items removed:



Test ⁷ Test 3 Test 2

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