

The Dundee Progress Test

Assessment of Medical Knowledge Using Automatically Marked Short Answer Questions at The University of Dundee



What is the Dundee Progress Test?

- A test of the basic core knowledge of medical students
- Essential knowledge required to be a PRHO
- All five years sit the same examination
- Questions by subject and year in proportion to curriculum time
- Free-text short answers to questions – no prompting or triggers
- Summative computer marked test since 2003



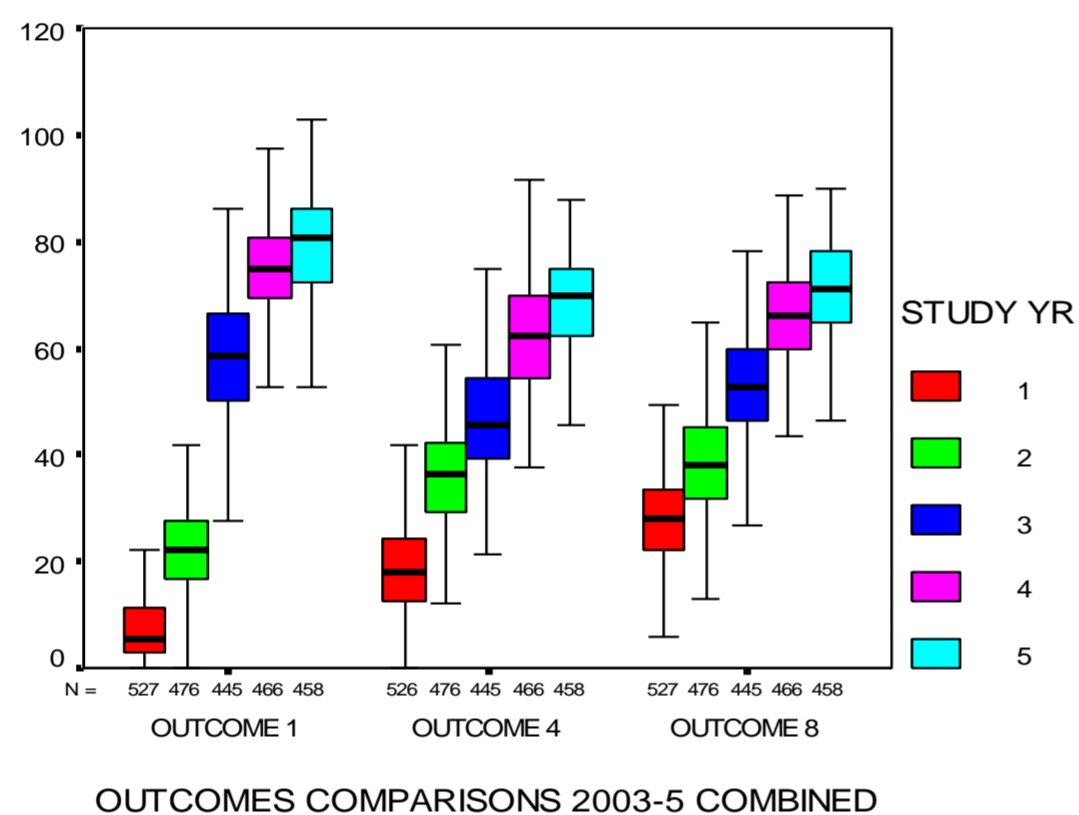
Populating the Question Bank

- Each test consists of approximately 270 1 mark questions.
- New questions are added to the bank each year.
- New questions require moderation the first year they are used.
- Sample based checking of computerised marking for the new questions (using year 5 students to provide the sample)



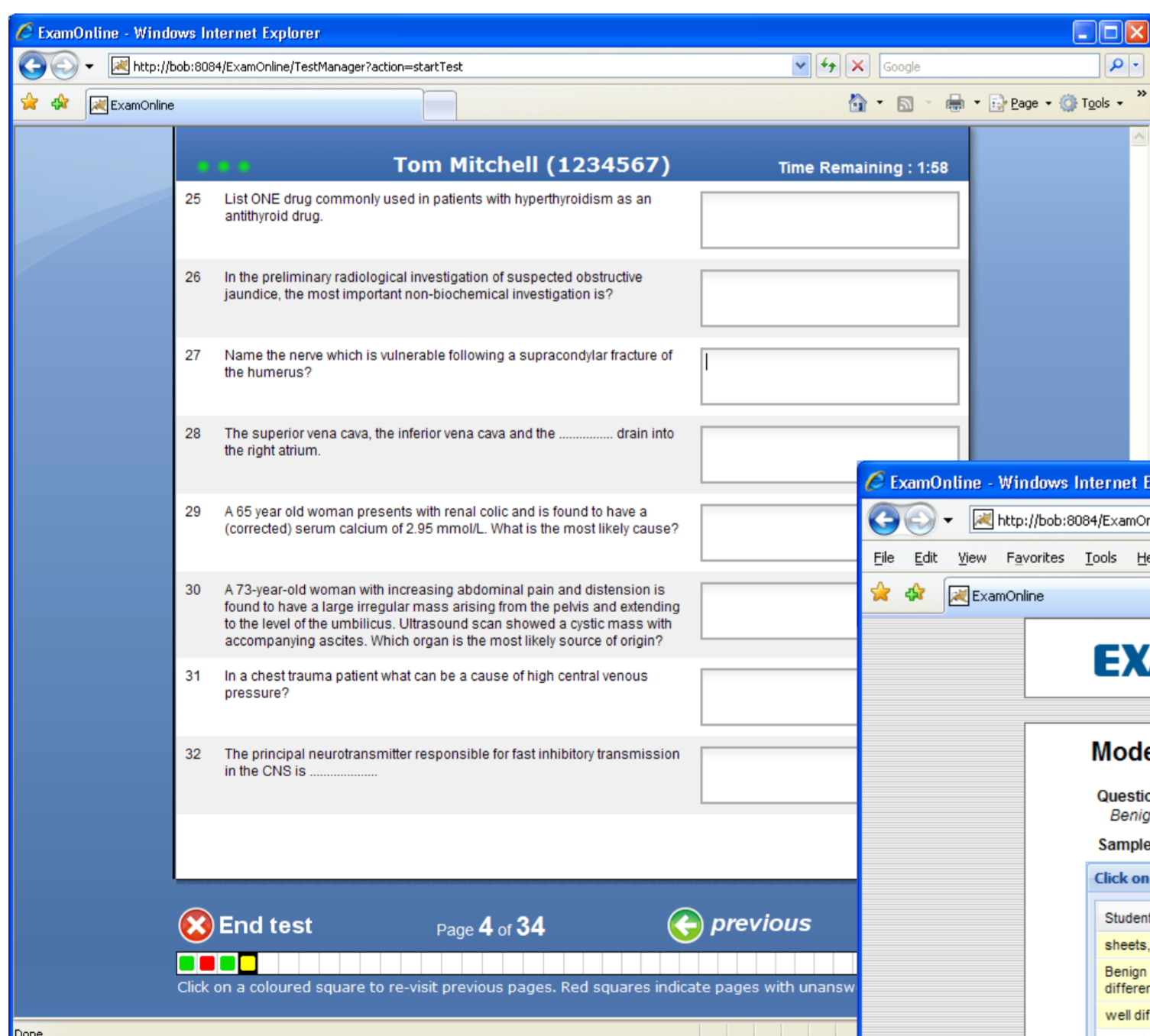
Growth in Outcomes Knowledge throughout the Curriculum

Steeper growth in knowledge of Outcome 1 (Clinical skills) vs Outcome 4 (Management) or 8 (basic knowledge)

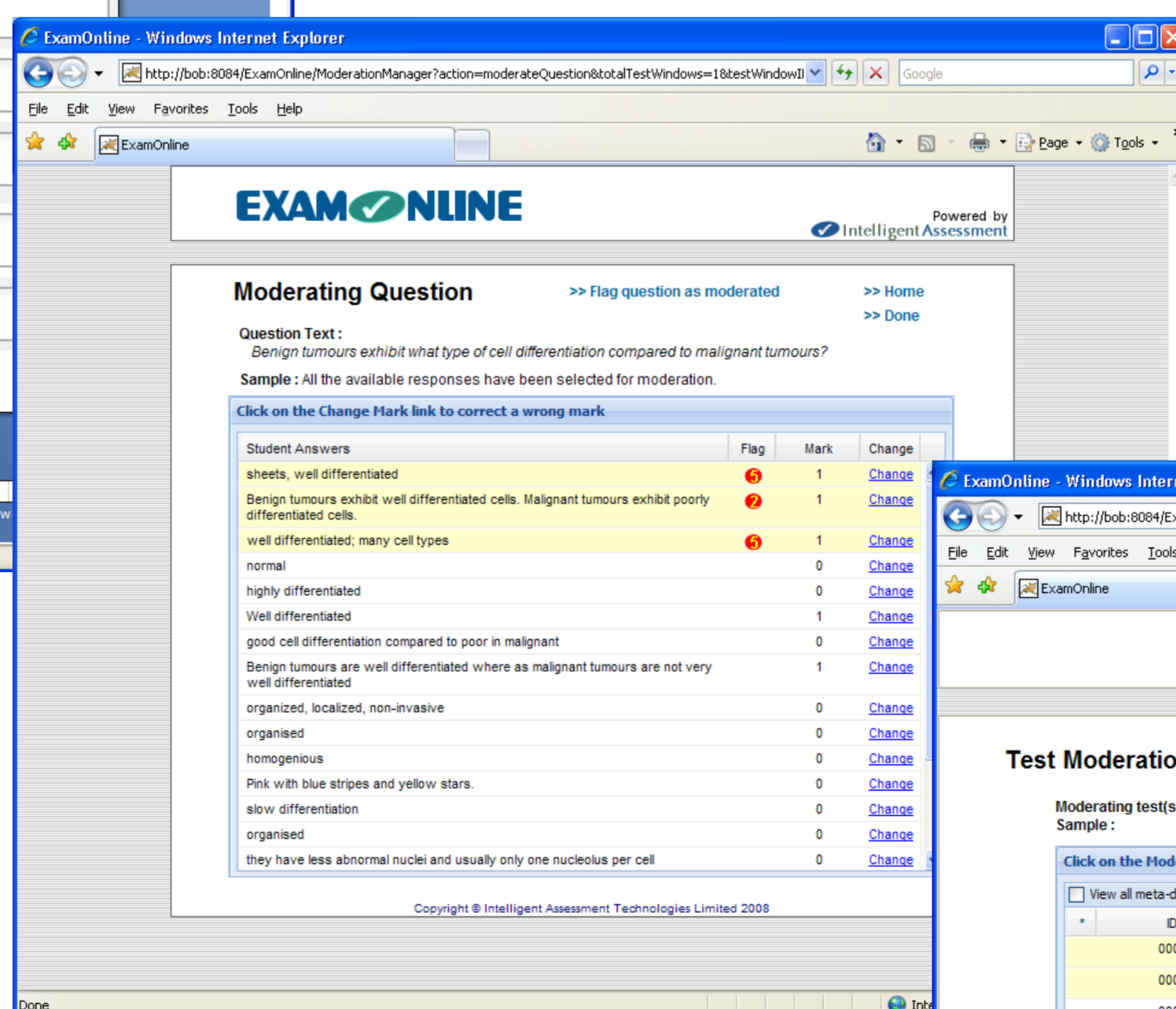


Utility of the Progress Test?

- Ensure adequate core knowledge in Y5 portfolio students
- Characterise progress of overall cohort knowledge from year to year
- Characterise progress of an individual's knowledge from year to year
- Identify core curriculum topics where cohort knowledge appears deficient
- Feed back this information to system convenors and teachers
- Very acceptable 'alpha reliability coefficient' at 0.954

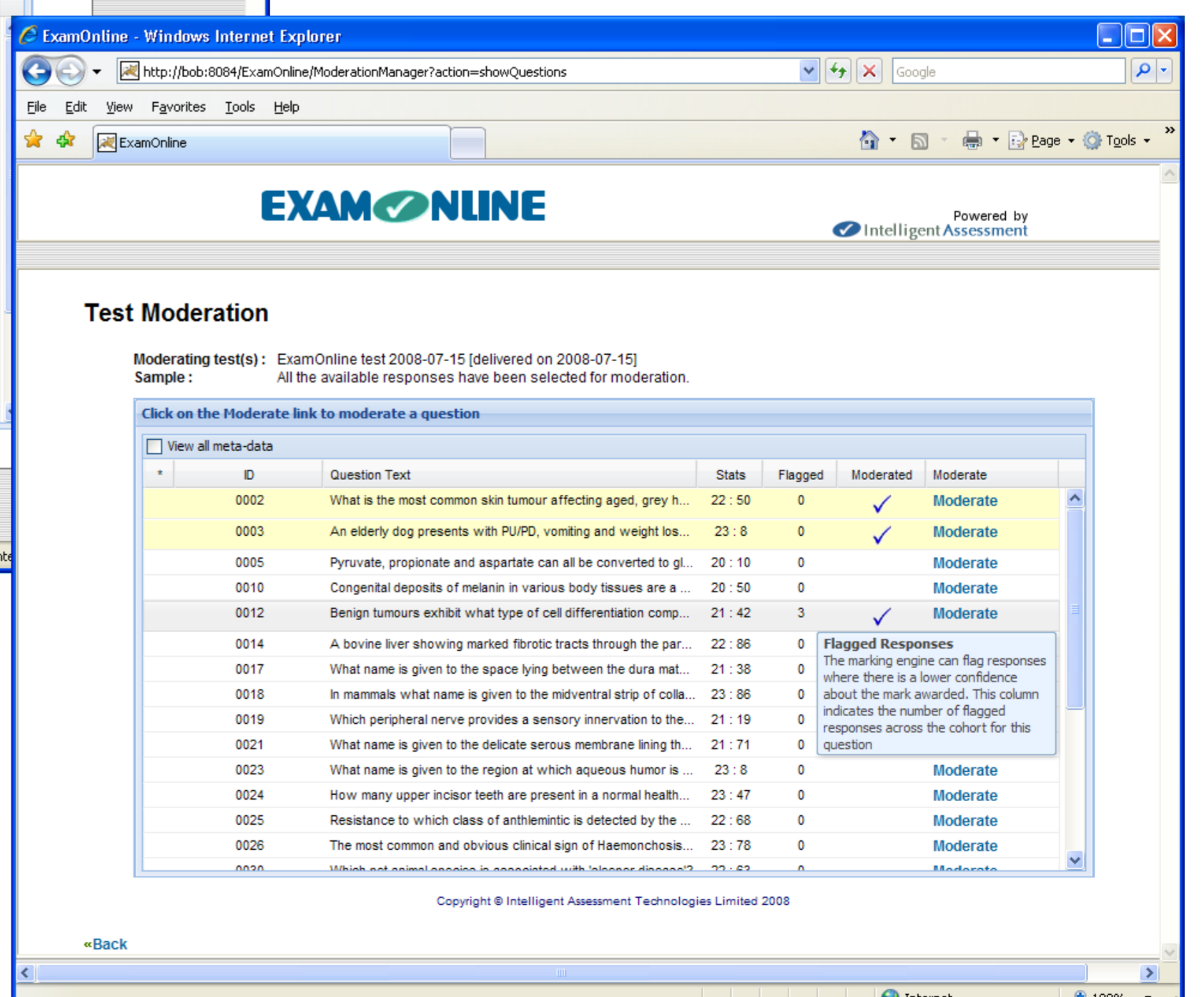


← Secure, robust delivery in a standard web browser



← Moderating a new question using a sample of the cohort

Overall moderation progress for a test



Powered by

