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Dummy comparison in side impact

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Dummies

- **Old Q3**
- **New Q3**
- **HIII 3 yr old**
- **P3**

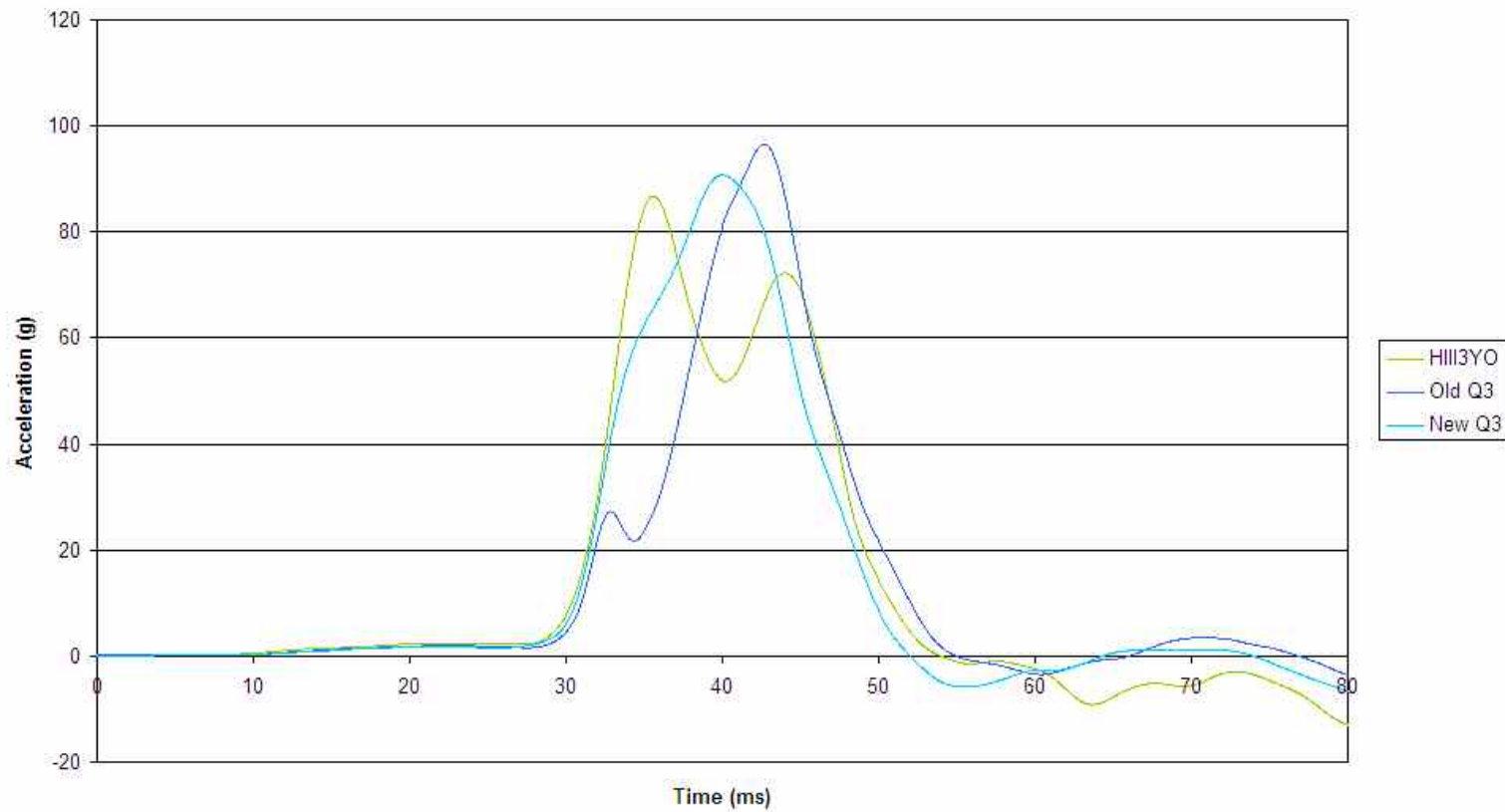
Comparative assessment during sled tests

- **Draft international standard ISO/DIS 14646 N642 (2003)**

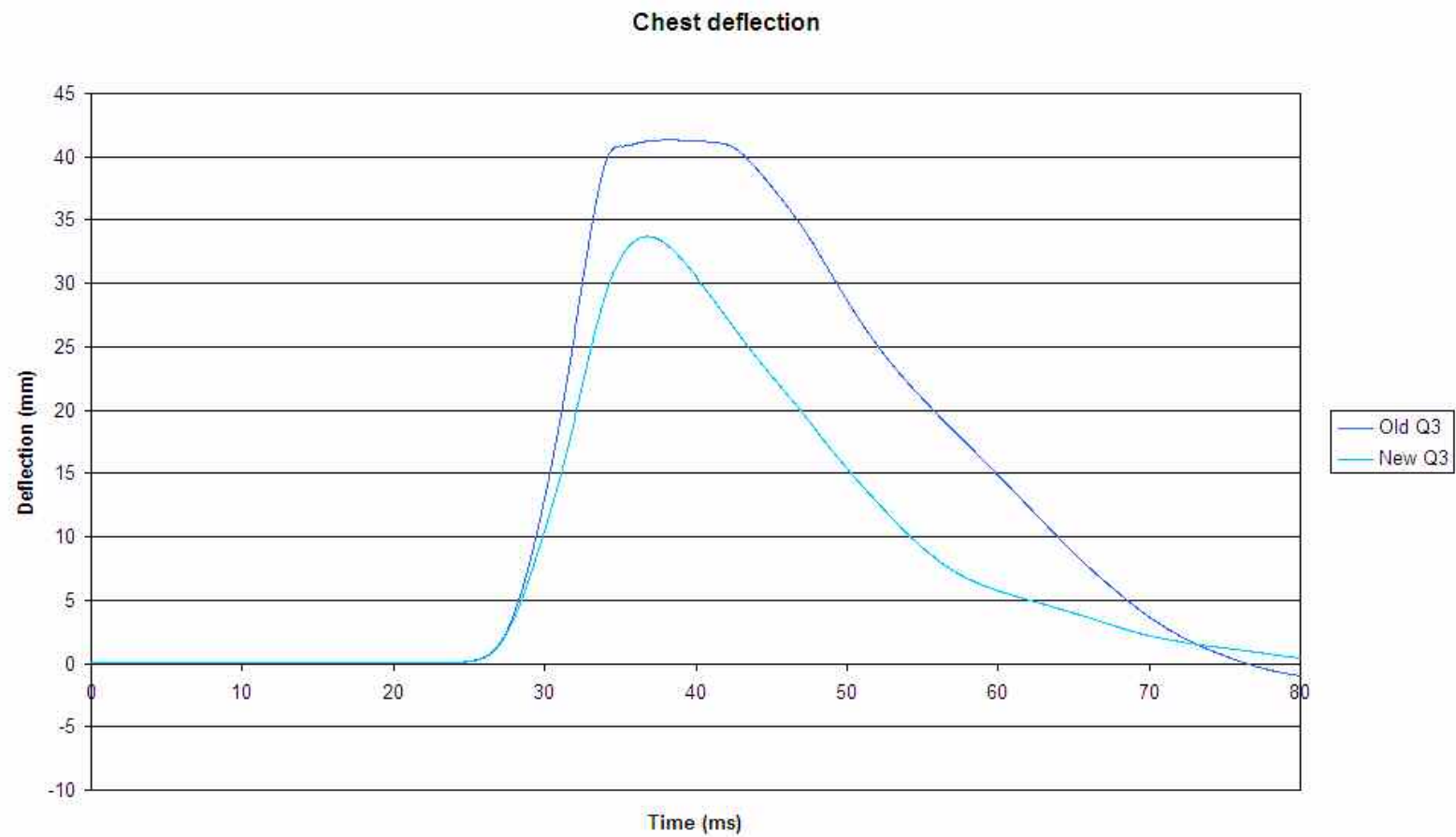


Pelvis

Pelvis y-axis acceleration

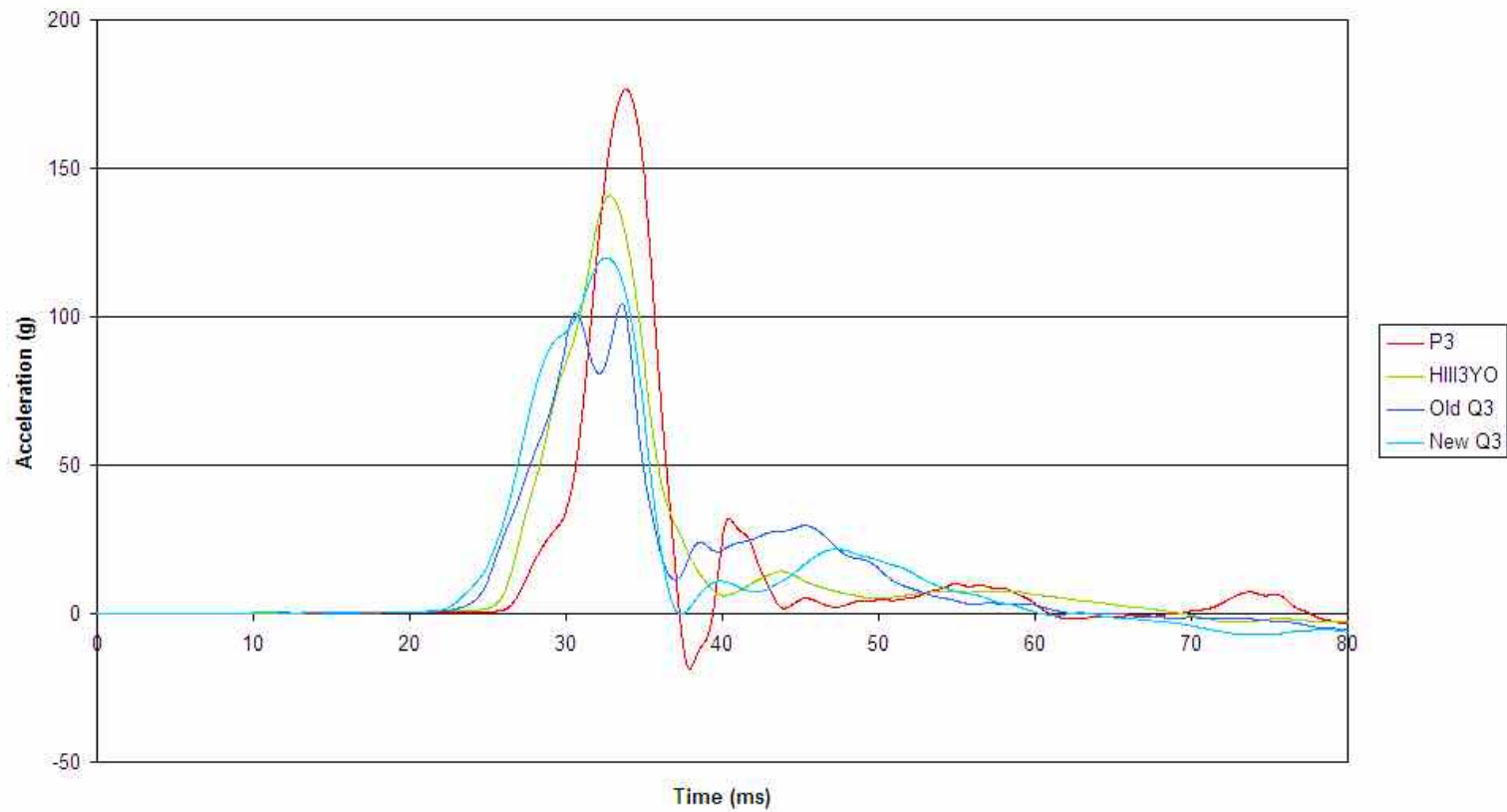


Chest Deflection



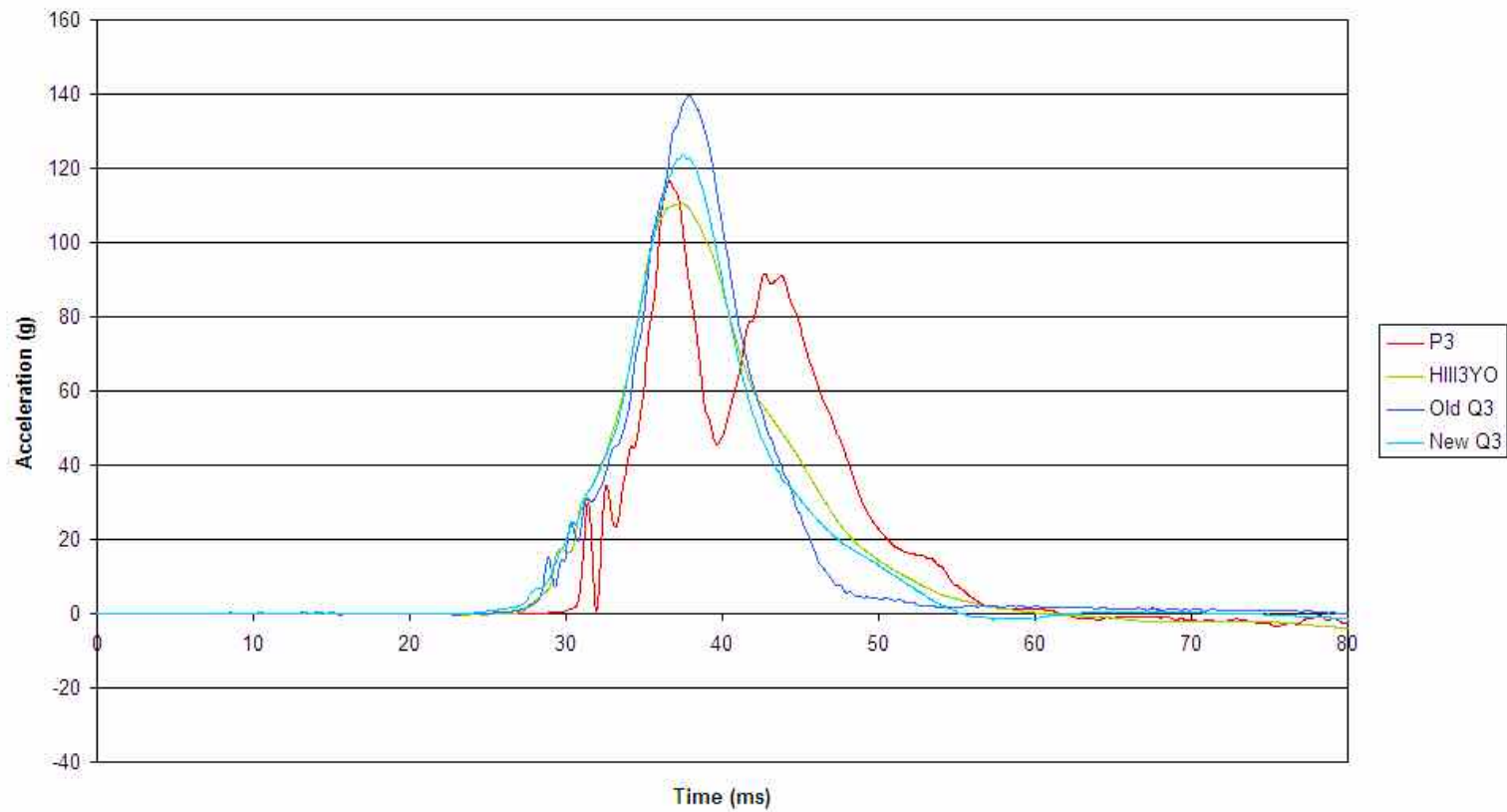
Chest y acceleration

Chest y-axis acceleration



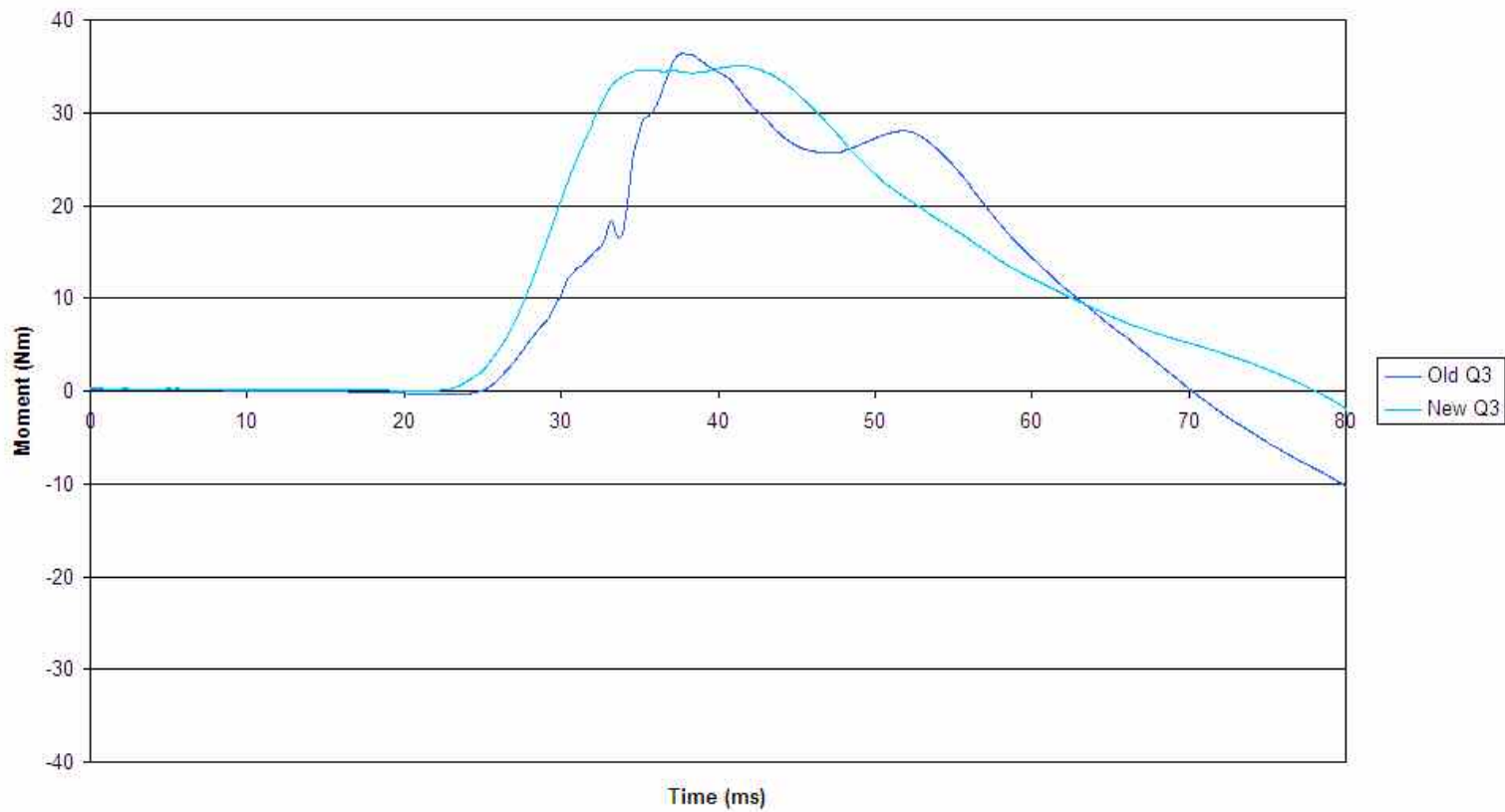
Head y acceleration

Head y-axis acceleration



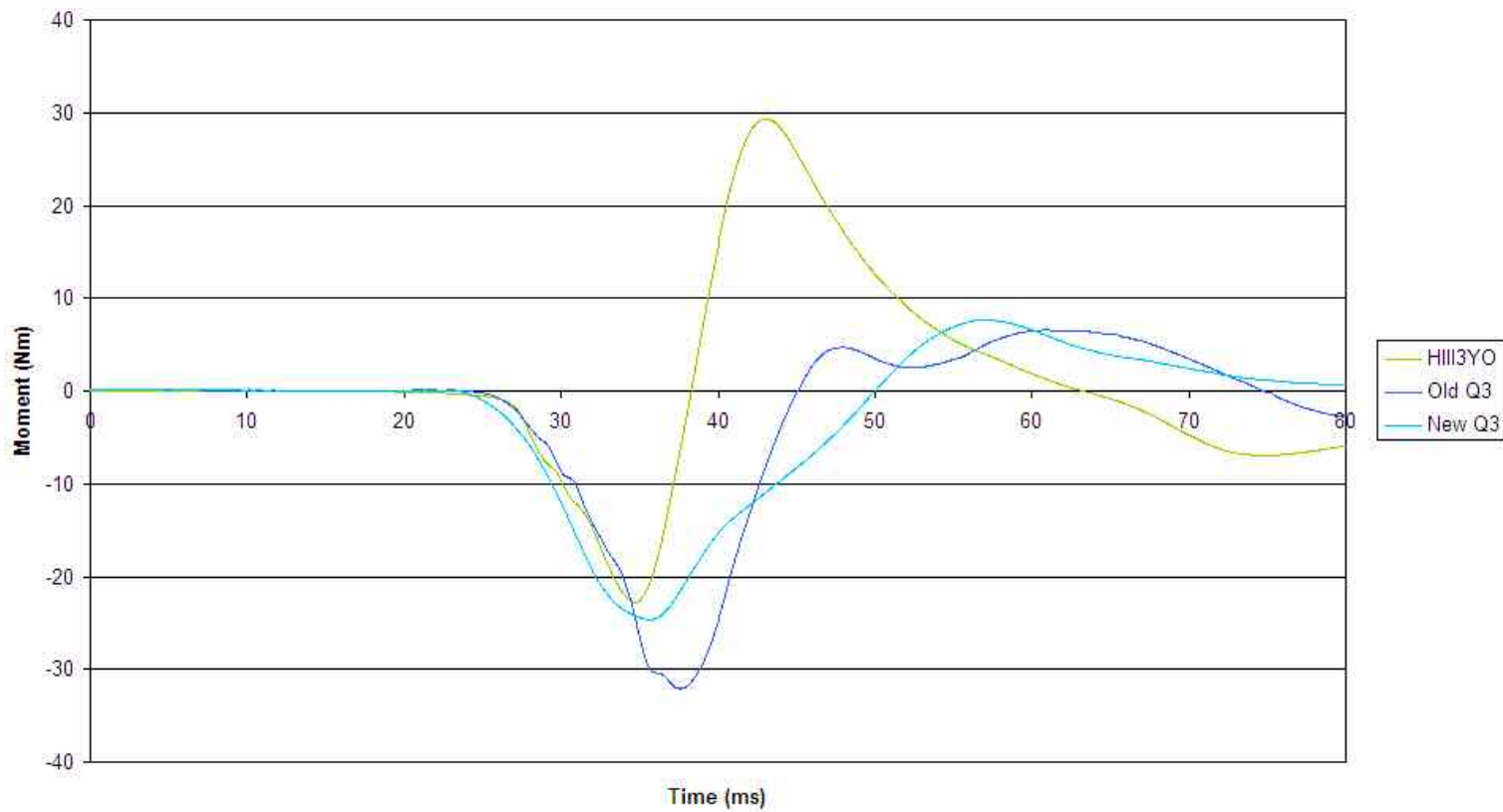
Lower neck moment (x axis)

Lower neck x-axis moment



Upper neck moment (x axis)

Upper neck x-axis moment



Compilation of Dummy assessment

- **A UK PERSPECTIVE ON THE STATUS OF THE Q SERIES DUMMY AND ITS POTENTIAL FOR USE IN REGULATORY TESTING**
- **C Visvikis; M Le Claire; J Carroll; G Cheung; D Hynd**
- **Presented in Munich December 2007**