Creating the future of transport

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Dummy comparison in side impact

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13/05/08
Dummies

- Old Q3
- New Q3
- HIII 3 yr old
- P3
Comparative assessment during sled tests

Pelvis

Pelvis y-axis acceleration

Time (ms)

Acceleration (g)

Hill 3YO
Old Q3
New Q3
Chest Deflection

Chest deflection

Time (ms)

Deflection (mm)

Old Q3
New Q3
Chest y acceleration

Chest y-axis acceleration

Time (ms)

Acceleration (g)

-50

0

50

100

150

200

P3
Hill 3YO
Old Q3
New Q3
Head y acceleration

![Graph showing head y-axis acceleration over time with different curves representing different conditions.](image-url)
Lower neck moment (x axis)
Upper neck moment (x axis)
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