A generic detailed rigid-body spine model

he web cast will start in a few minutes...

Why not spend the time checking these points:

Does your screen fit the presentation?

Try this:

The "Sharing" menu (upper right corner)->View->Autofit

s your system set up to receive the broadcasted sound? Please follow these instructions to set up the audio: www.anybodytech.com -> Webcasts (bottom of the page)

ANY BODY

MECHANICAL ENGINEERING







The presenter: Mark de Zee

Affiliated with:



Institute of Mechanical Engineering Aalborg University Denmark

and

Department of Health Science and Technology Center for Sensory-Motor Interaction (SMI) Aalborg University Denmark

NŸBOD

EARCH PROJECT



































Comparison with intradiscal pressure measurement

Measurement

1.8 MPa in the L4-5 disc when holding a crate of 19.8 kg Disc area: 18 cm²

Axial force: 3240 N

Model estimation

Without IAP: 3410 N With IAP turned on: 2776 N IAP unloads the spine by roughly 18 % ANY BODY

ROD

PROJECT

We hope, that the model will be

- downloaded
- improved
- validated for particular purposes
- used for solving research questions

