

## To whom it may concern

Total Human Model for Safety ("THUMS ") is a human body model for injury analysis. It is a Finite Element model (FEM) jointly developed by Toyota Motor Corporation and Toyota Central R&D Labs., Inc.

On June 16, 2020, Toyota announced that they have decided to change their policy for THUMS distribution to provide THUMS by no charge starting from Jan/2021.

<https://global.toyota/en/newsroom/corporate/32665896.html>

DYNAmore Nordic has been the distributor in the Nordic area and will stop the distribution of THUMS at end of this year.

Even so, THUMS is still very important material for bio-mechanics, safety for real world and virtual assessment in Euro-NCAP

The model itself will be free but DYNAmore Nordica and J-SOL will be involved in related solution like positioning, assessment rating etc.

DYNAmore Nordic will go into the next stage for THUMS and LS-DYNA, and we assist all our customers, with

- Methodology work with experience in human models
- Project works for development or your products
- Assessment according to Euro NCAP TB024
- Tools to position THUMS and evaluate the results, J-SeatDesigner
- Extended support

You are welcome to contact DYNAmore Nordic, if you have any questions: [sales@dynamore.se](mailto:sales@dynamore.se)

Best regards

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