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To:

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From:

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Subject:

Agreement on using the "Intervertebral Disc Localization and Segmentation Multi-modality MRI Spine Image Database"

The Institute for Surgical Technology and Biomechanics (University of Bern, Switzerland) will provide a link for accessing the "Intervertebral Disc Localization and Segmentation Multi-modality MRI Spine Image Database". The database consists of 16 multi-modality 3D MRI spine images of 8 anonymized patients acquired from two different stages of prolonged bed test, each containing at least 7 intervertebral discs (IVDs) of the lower spine (T11 – L5). Dixon protocol was used to reconstruct four aligned high-resolution 3D volumes during one data acquisition: in- phase, opposed-phase, fat and water images. For each IVD, reference manual segmentation is provided in the form of a binary mask. All images (four volumes per stage per patient) and binary masks (one binary volume per stage per patient) are stored in the Neuroimaging Informatics Technology Initiative (NIFTI) file format.

By signing this document I agree:

1) that I will not redistribute the provided link,
2) that I will not redistribute the database or its parts,
3) that I will include the following reference in any publication resulting from any use of this database:

   C. Chen, D. Belavy and G. Zheng, "3D Intervertebral Disc Localization and Segmentation from MR Images by Data-driven Regression and Classificaiton", the 5th International Workshop on Machine Learning in Medical Imaging (MLMI 2014), pp. 50 – 58, 2014

and will supply the data provider with copies of such publications.

Date: 21/11/2020 **Authorized signature:** _____