

Biomechanics in JC | MSK

Aim1: V&V clinicalCT2FE bone workflow

- Segmentation – meshing – material mapping
 - × Waiting for LG contribution and py coding →
 - × delayed to Autumn-Winter

Aim2: V&V microCT2FE bone workflow

- Basic workflow ready

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Plans for the Maastricht workshop

- MicroCT2FE

- ✓ Complete notebook(s) to obtain a voxel-FE, a tetra-FE, and a truss-FE model
- ✓ Application to microCT images of a standard trabecular bone specimen
- ✓ (optional) application to HRpQCT images of a vertebral bone specimen

- Other

- ✓ Verify which ALBA (<https://github.com/IOR-BIC/ALBA>) functions may be useful to Biomechanics or transversal to all JC | MSK applications