3D-MAPPING reconstruction software combines CT scans with a leading-edge computer tool to analyse anatomical restoration in vertebral compression fractures versus PRE-TRAUMA & PRE-OP

Clear, reliable and reproducible, this tool is designed to give objective data for controlled and enhanced VCF management.

Contact us to perform your 3D reconstructions at:

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PRE-REQUIREMENTS

✗ PRE-OP CT scan (1mm slice thickness / 1 mm space between slices)
✗ POST-OP CT scan (1mm slice thickness / 1 mm space between slices)
✗ OPTION: For PRE-TRAUMA reconstruction, CT scan with 2 levels above and below the fractured vertebra.
3D MAPPING
Reconstruction Software

IMPROVING VCF MANAGEMENT

PRE-OP CT SCAN
1mm slice thickness
1mm space between slices

PRE-TRAUMA
Simulated by 3D mapping reconstruction software

POST-OP CT SCAN
1mm slice thickness
1mm space between slices

Volume superposition using posterior arch as a reference

3D MAPPING reconstruction
POST-OP vs PRE-OP
Dark red colour represents the highest restoration

3D MAPPING reconstruction
POST-OP vs PRE-TRAUMA
Dark red colour represents the closest state to the Pre-trauma vertebra

Colour codes refer to the amount of restoration of each depressed area.