Dear Editor,

We are pleased to submit the revised version of our manuscript entitled “**"Semi-Automated Bone Tracking in Dynamic CINE MRI during Controlled Knee Motion"** for consideration in Zeitschrift für Medizinische Physik.

We thank the Associate Editor and both reviewers for their constructive feedback and positive assessment of our work. We have carefully addressed all reviewer comments in detail, with changes highlighted in the revised manuscript and point-by-point responses provided in the accompanying response document. Additionally, we have included supplementary videos demonstrating the tracking method.

We believe these revisions have significantly strengthened the manuscript and better demonstrate the clinical potential of our semi-automated approach for dynamic knee motion analysis.

All authors have approved the revised manuscript.

Best regards,

The corresponding author