Video S1. Measurement of the flexion angle of cervical spine with the optical motion capture system.

Video S2. Measurement of the extension angle of cervical spine with the optical motion capture system.

Video S3. Measurement of the left lateral bending angle of cervical spine with the optical motion capture system.

Video S4. Measurement of the right lateral bending angle of cervical spine with the optical motion capture

Video S5. Measurement of the left rotation angle of cervical spine with the optical motion capture system.

Video S6. Measurement of the right rotation angle of cervical spine with the optical motion capture