

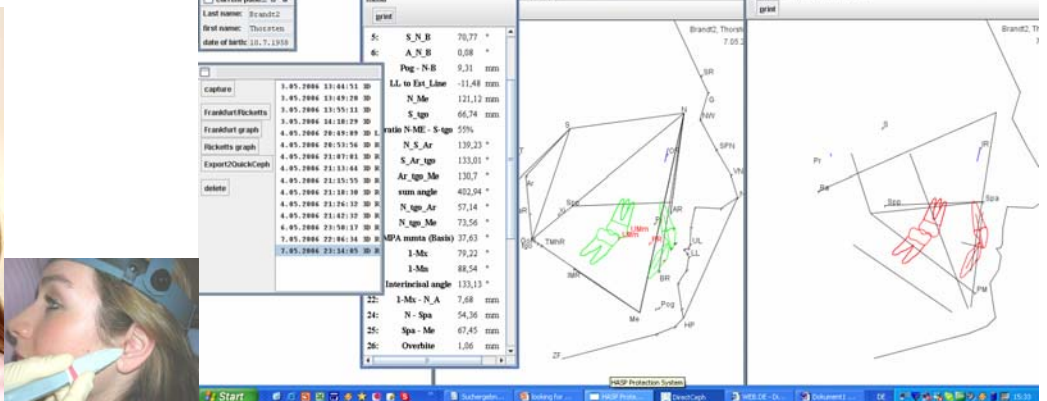
MEASURING THE UPPER INCISORS DURING TREATMENT
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Table Clinic

The problem during treatment is to evaluate the process of treatment. The three-dimensional (3D) digitizer works with a magnetic system for registration of 3D data. The digitizer, Noxray, communicates with the Sony laptop VGN-TX2HP. The position and orientation of the stylus to the patient registers in the head frame. The spherical workspace is 6 m. The cables of the head-device and the stylus have a length of 6 meters, allowing it to be moved within this range without moving the computer or laptop. The accuracy was 0.22 mm.

The measurements of the upper and lower incisors from the same patient were found to be significant. For statistical analysis a Student *t*-test was used. From a total of all measurements, a statistically significant difference during the treatment could be seen. This was following the subjective impression of visible change of the interincisal inclination.

During the treatment the inclination of incisors will be calculated with high reproducibility. The **DirectCeph® non-radi-grafic cephalometric head-device** seems to be effective in monitoring treatment changes concerning the inclination of the anterior teeth.



Head-device measuring procedure

measurements in short periods of time