Instructions for using the CTP with children and adolescents

standard situation of use where depiction of the cervical vertebrae is desired

1. Position patient in cephalostat
   a. Ensure correct height adjustment of the cephalostat,
   b. The posture of the patient should be upright with neck stretched,
   c. Place earplugs in ear canals
   d. If needed: raise the cephalostat in order to achieve proper stretching of patient’s neck
   e. Ensure correct horizontal head positioning
   f. Apply the nasion- or forehead support

2. Position CTP
   a. Locate the angle of the mandible by palpating with the fingers
   b. Position the shield with its upper point just below the angle of the mandible
   c. Evaluate the contour of the back of the neck
   d. Rotate the rear edge of the shield parallel to the rear neck contour
   e. Check if the point of the shield is still correctly positioned under the angle of the mandible, correct if needed

3. Instruct patient:
   a. To stand still
   b. To bite in correct occlusion
   c. To close the mouth with the lips in repose

Now record the lateral X-ray image using the correct settings with regard to the age and posture of the patient
Instructions for using the CTP with adults
and other use in lateral X-Ray imaging where depiction of the cervical vertebrae is not desired

1. Position patient in cephalostat
   a. Ensure correct height adjustment of the cephalostat,
   b. The posture of the patient should be upright with neck stretched,
   c. Place earplugs in ear canals
   d. If needed: raise the cephalostat in order to achieve proper stretching of patient’s neck
   e. Ensure correct horizontal head positioning
   f. Apply the nasion– or forehead support

2. Position CTP
   a. Locate the angle of the mandible by palpating with the fingers
   b. Position the shield with its upper point just below the angle of the mandible
   c. Evaluate the contour of the back of the neck
   d. Rotate the rear edge of the shield parallel to the rear neck contour
   e. Move the shield 2cm backward compared to the position directly under the angle of the mandible

3. Instruct patient:
   a. To stand still
   b. To bite in correct occlusion
   c. To close the mouth with the lips in repose

Now record the lateral X-ray image using the correct settings with regard to the age and posture of the patient