

Performer:	-ID No:	Moderator:	-ID No:	Date
<p>01 POSTERIOR POINT of SPINE?</p> <p>0: DESIRED BODY ATTITUDE</p> <p>1? 2? 3? 4?</p>	<p>02 TENSION-FREE ELBOW LIFT?</p> <p>+ . CM</p> <p>0: LOOSE SHOULDERS & ELBOWS</p>	<p>03 TENSION FREE HEAD TILT</p> <p>+ . CM</p> <p>0: BALANCED HEAD</p>	<p>04 HEAD-TRUNK INCLINATION?</p> <p>1) + . CM 2) + . CM</p> <p>0: BALANCED HEAD & TRUNK</p>	<p>05 SEAT-EYE HEIGHT?</p> <p>0 . CM + . CM - . CM</p> <p>0: BEST ATTITUDE-BACK & NECK</p>
<p>06 FREE SPACE ABOVE THIGH?</p> <p>+ . CM</p> <p>0: NO CONTACTS on LEGS</p>	<p>07 FREE SPACE FOR FEET</p> <p>Z+ . CM Y+ . CM - . CM</p> <p>0: NO OBJECTS in FOOT SPACE</p>	<p>08 PATIENT'S MAX 0 PLANE?</p> <p>0 ° + ° - °</p> <p>0: TENSION-FREE NECK & JAW</p>	<p>09 STERNO-FINGER DISTANCE?</p> <p>0 . CM + . CM</p> <p>0: BEST FINGER CONTROL</p>	<p>10 FINGER HEIGHT?</p> <p>- . CM 0 . CM + . CM</p> <p>0: 05-06-BEST VISIBILITY</p>
<p>11 ANGLE of MAX 0 PLAN?</p> <p>0 ° + ° - °</p> <p>0: BEST FINGER CONTROL -MAX</p>	<p>12 ANGLE of MAND 0 PLANE?</p> <p>0 ° + ° - °</p> <p>0: BEST THUMB CONTROL-MAND</p>	<p>13 SEAT HEIGHTS?ok?</p> <p>+ . CM 0 . CM - . CM</p> <p>0: FIBULA POINT HEIGHT</p>	<p>14 SEAT, EYE, TOOTH HEIGHTS?</p> <p>0: BEST FEELING-BEST CONTROL</p> <p>TOOTH 11</p>	<p>15 ADDITIONAL SPECS/DATA?</p> <p>0: WHAT I WANT AS</p> <ul style="list-style-type: none"> -AN OPERATOR -A COMMUNICATOR -A PATIENT -AN ASSISTANT <p>FOR</p> <ul style="list-style-type: none"> -INTERPERSONAL POSITIONS -OPEN HUMAN SPACE -HUMAN WEIGHT SUPPORTS -OBJECT SUPPORTS/HOLDERS -INSTRUMENTS

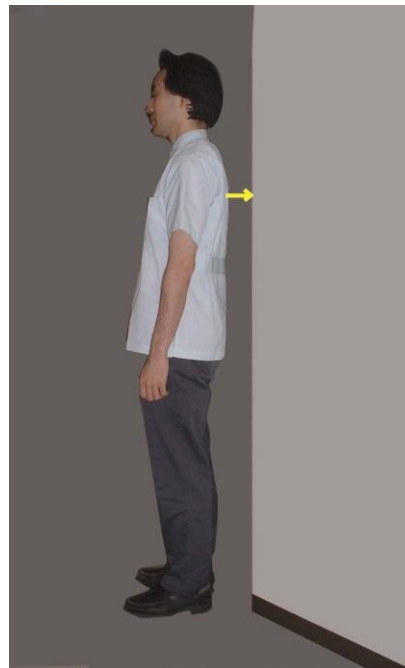
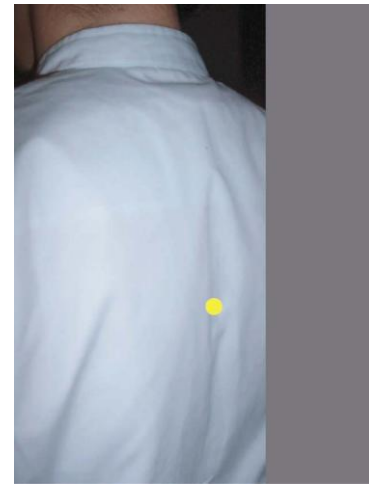
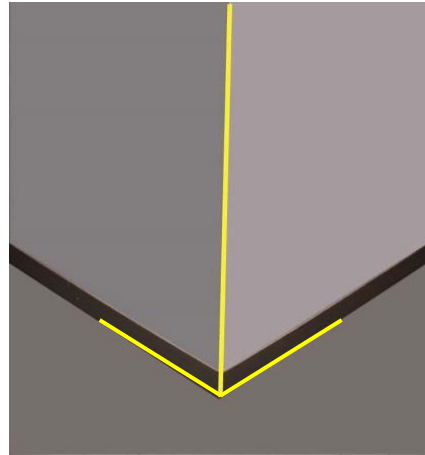
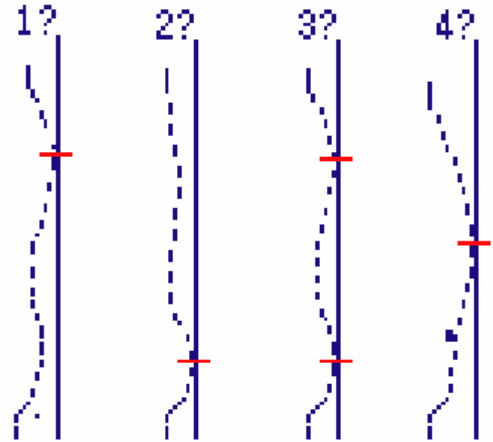
KB30 – CS 00

Human Centered Derivation

- Worldwide data collection to identify what dentists want. A basis for specifying optimum practice conditions.
- What I want as; -an operator, -a communicator, -a patient, and -an assistant for ; -interpersonal positions, -open/human space, -human weight supports, -object supports/holders, and -instruments

01 Posterior point of spine?

0: DESIRED BODY ATTITUDE

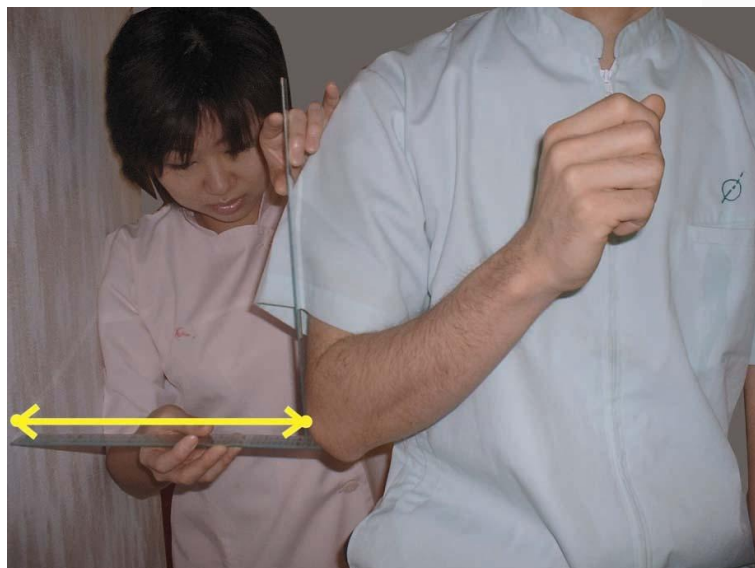
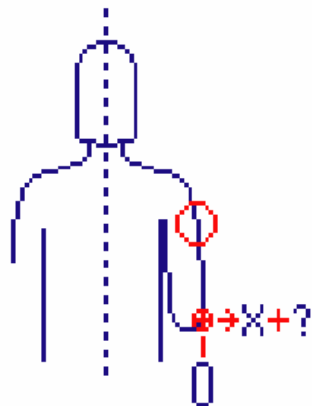


02 TENSION-FREE ELBOW LIFT

___ CM

0: LOOSE SHOULDERS AND ELBOWS

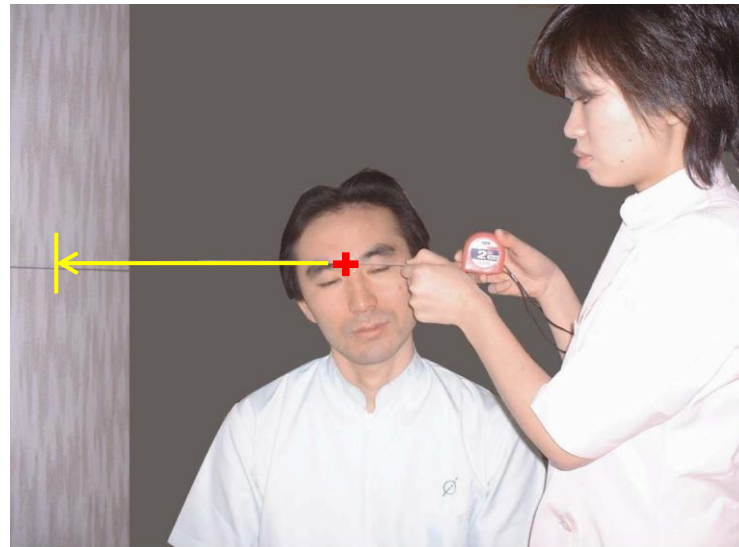
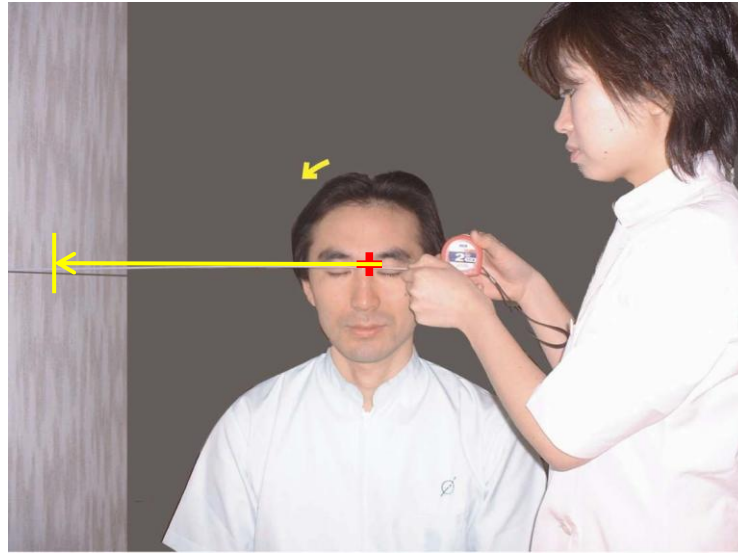
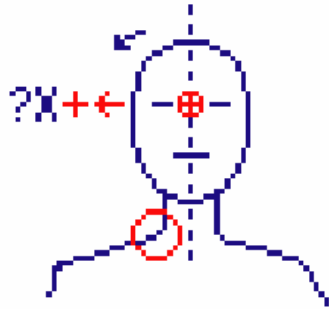
X

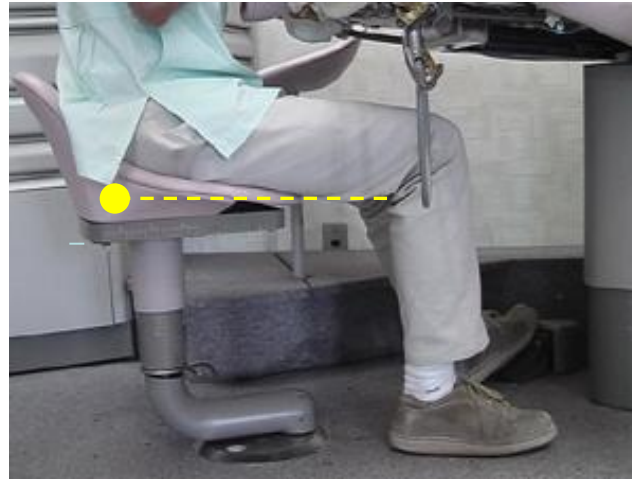
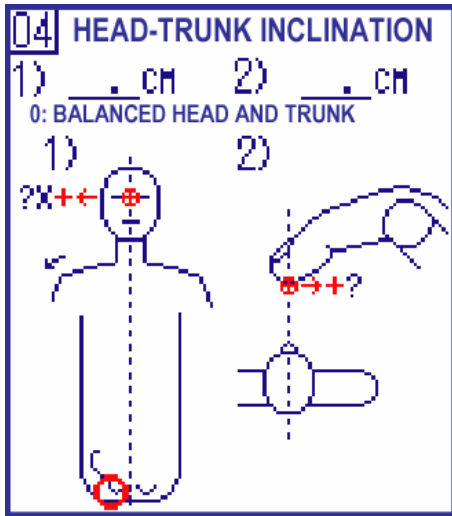


03 TENSION FREE HEAD TILT

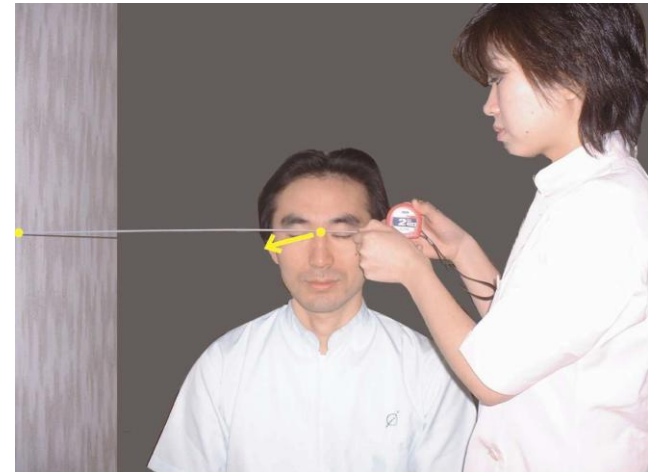
CM

00: BALANCED HEAD





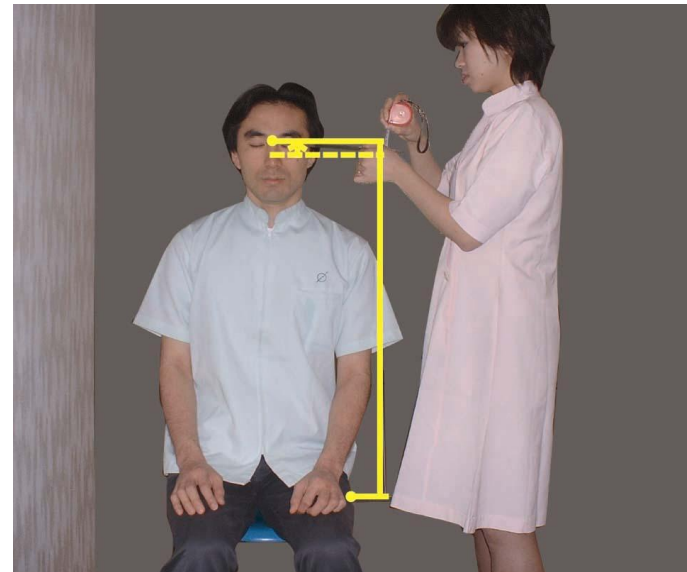
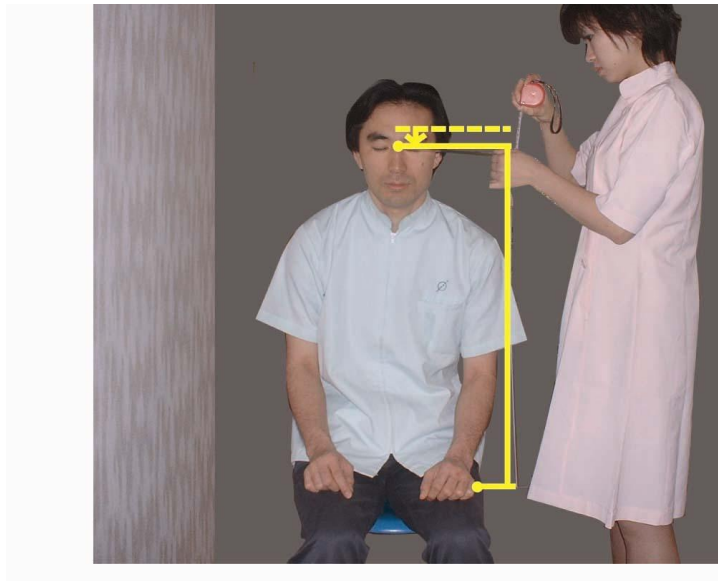
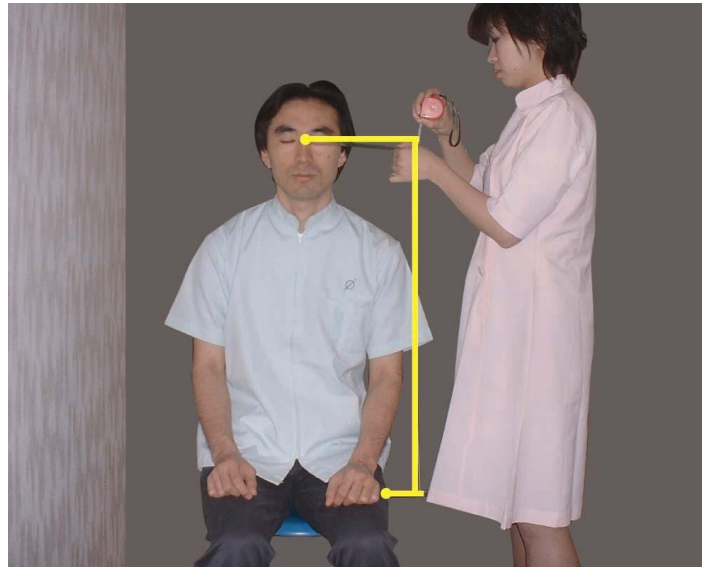
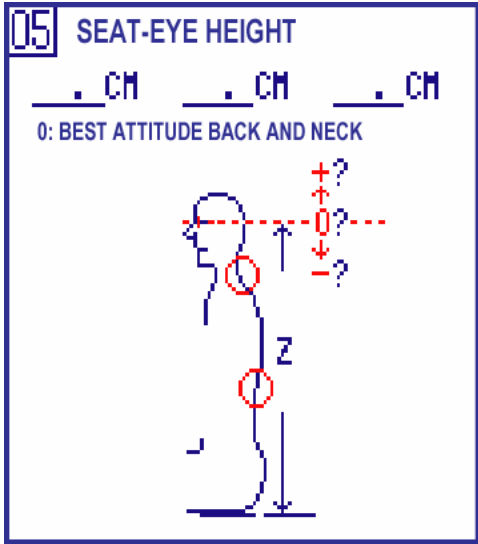
Note: The yellow circle denotes 0 level of the seat height at the knee.



Note:

1) In this exercise students must be aware of the equal pressure on both inferior points of pelvis, when seated. If equal pressure is not felt in reference position, see an orthopedist.

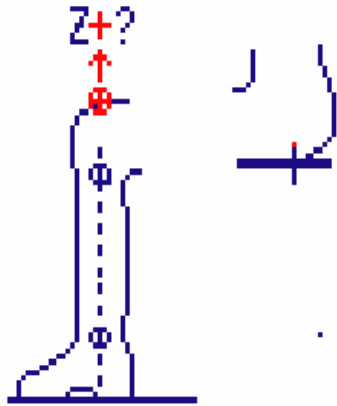
2) Exercise for Entry 2 in the graphic is omitted.



06 FREE SPACE ABOVE THIGH

___ CM

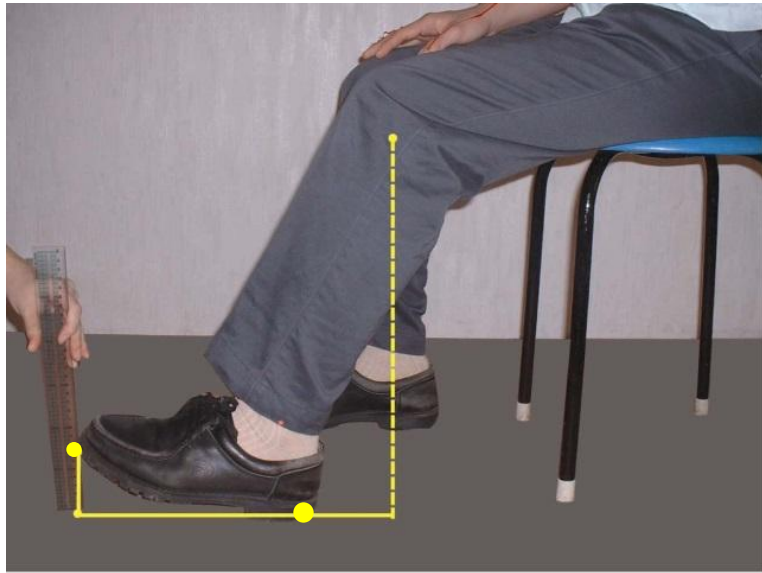
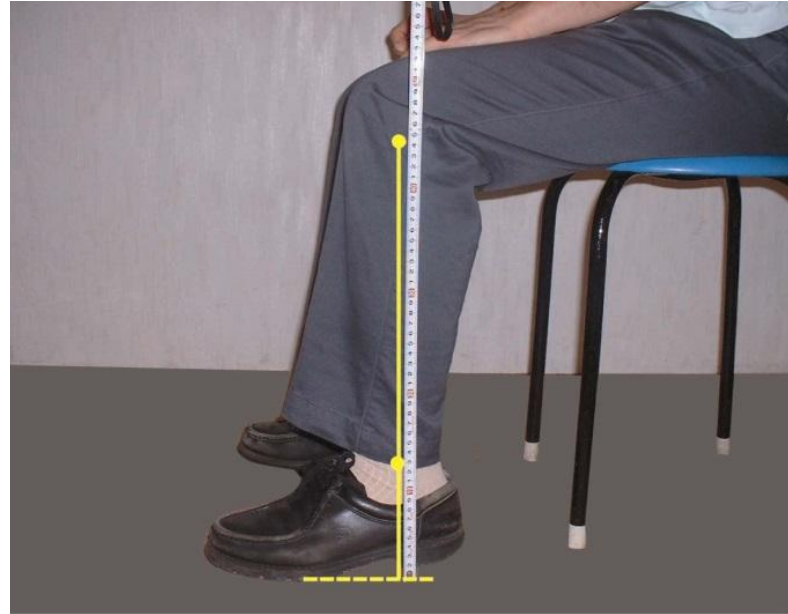
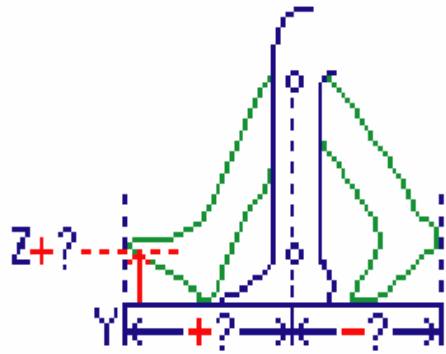
0: NO CONTACTS ON LEGS



07 FREE SPACE FOR FEET

Z CM Y CM CM

0: NO OBJECT IN FRONT SPACE

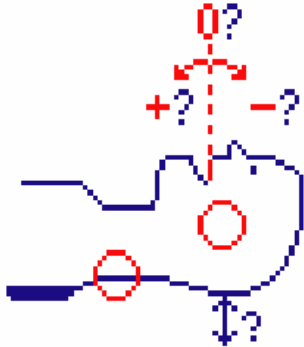


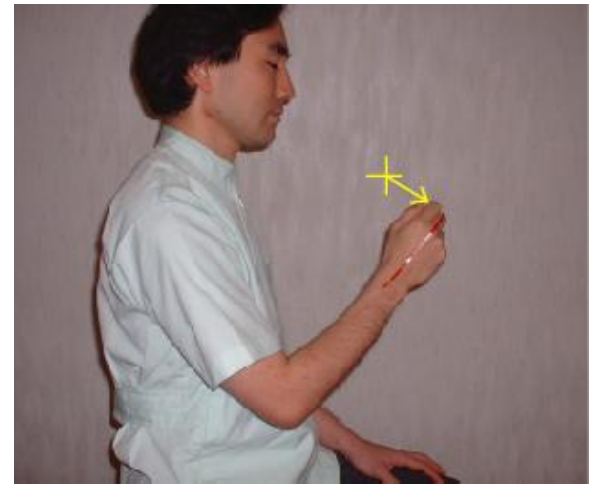
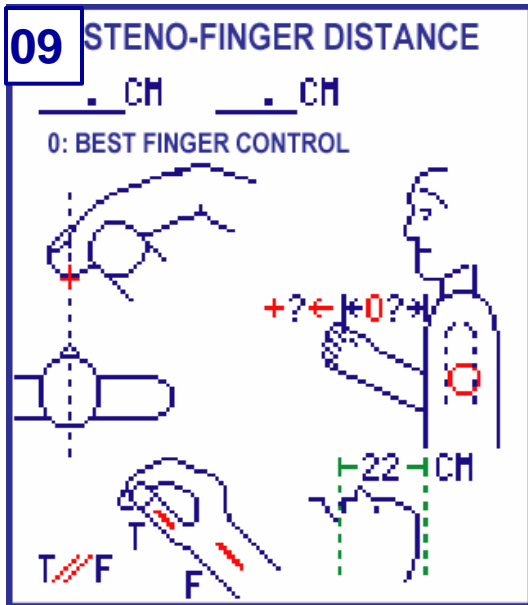
08

PATIENTS MAX O PLANE

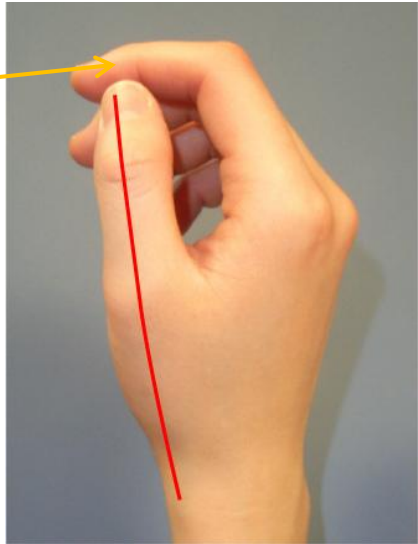
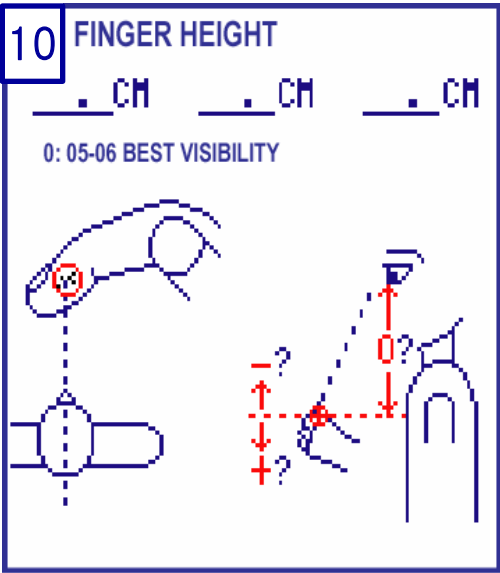
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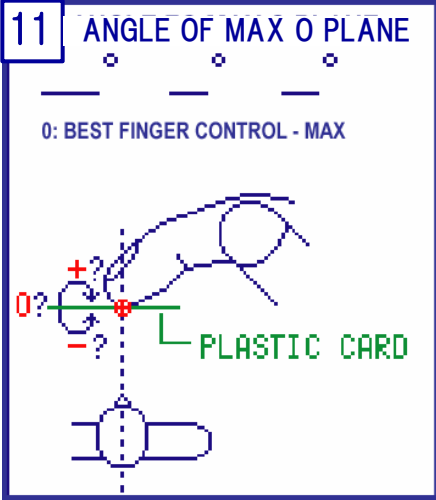
0: TENSION-FREE NECK AND JAW





Be aware that the dimension from the top of the patient's head to ma11/21 mo3661 (the incisal edge of the upper centrals) is about 22 cm on average.

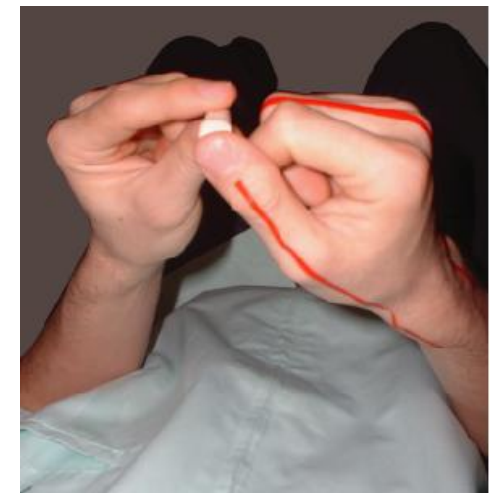
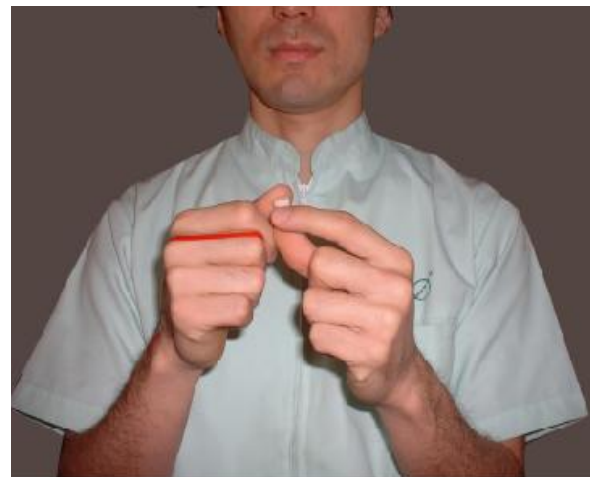
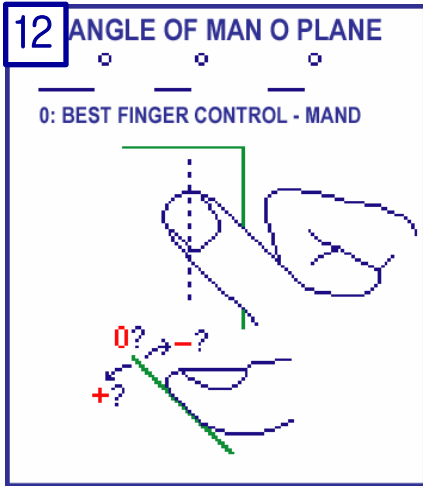




Note: An operator should be aware that the elbow is loosely hanging with 45 degree index finger, thumb away.)



Note: A plastic card represents an maxillary occlusal plane in the exercise. Use of a Sim model is preferred.

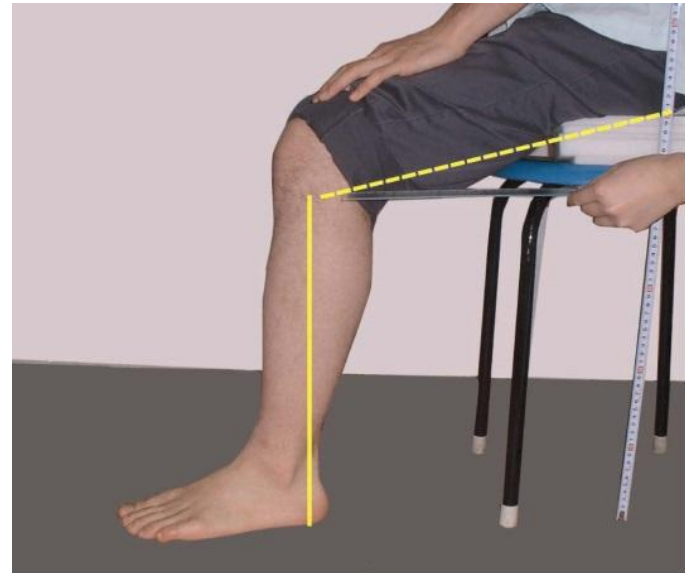
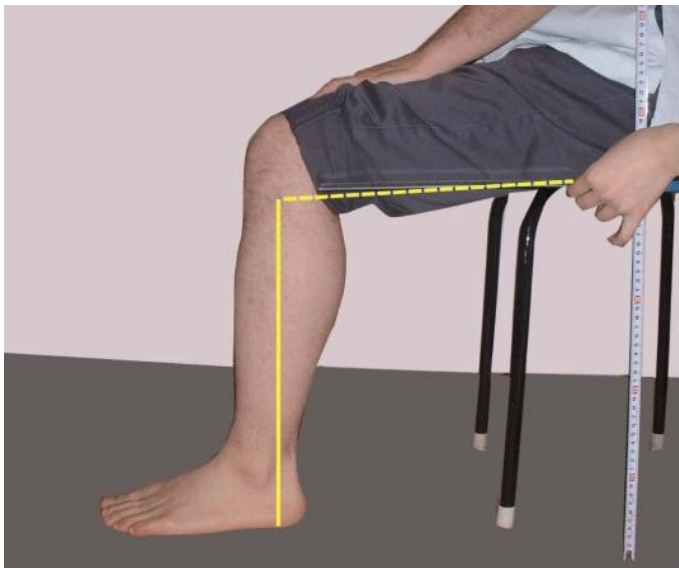
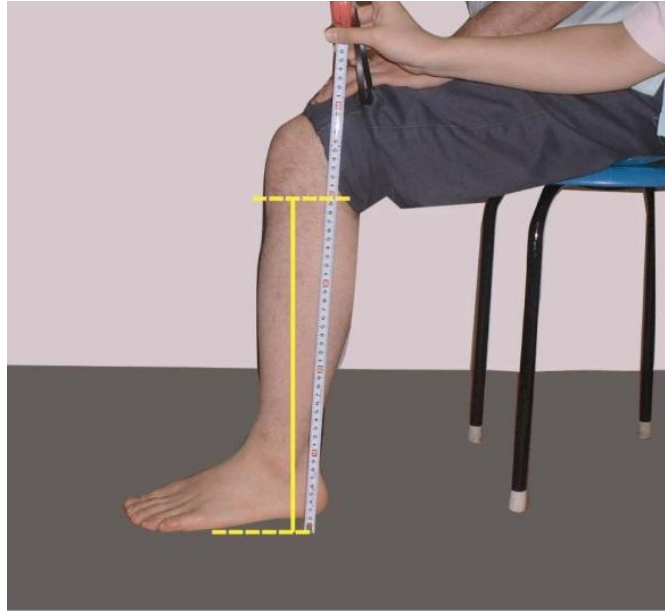
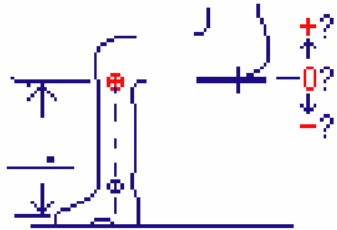


Note: An object held by the operator represents the mandibular occlusal plane. Use of a Sim model is preferred for this exercise.

13 SEAT HEIGHT? OK?

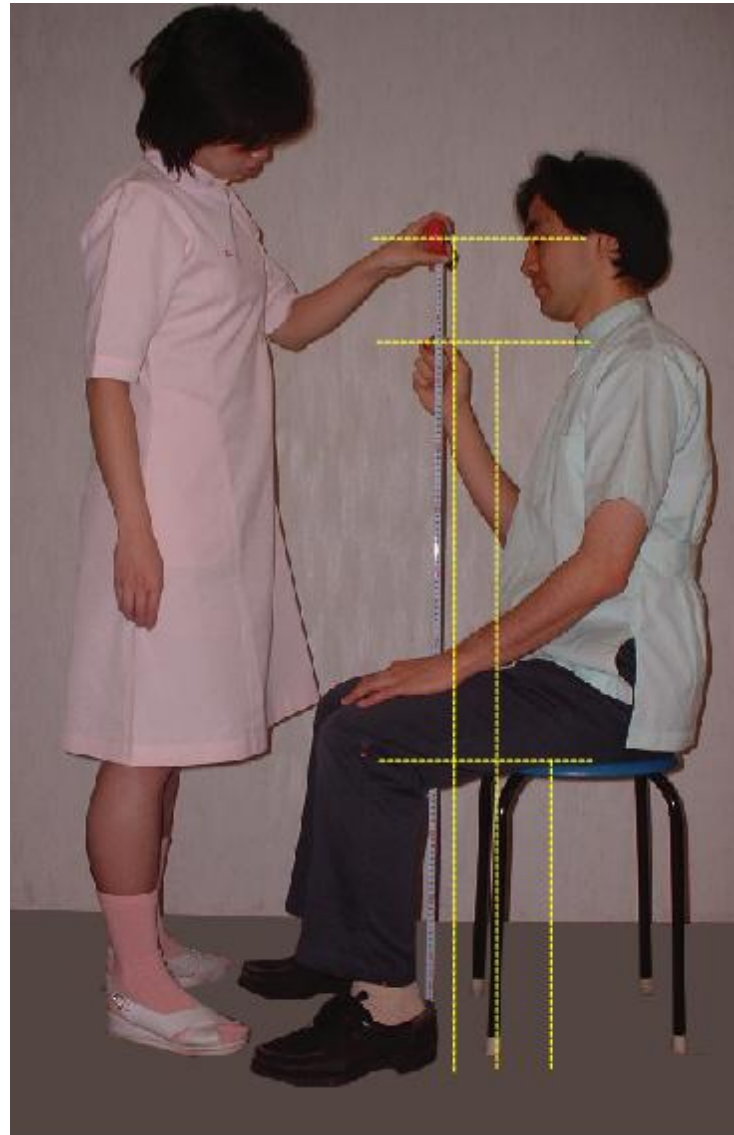
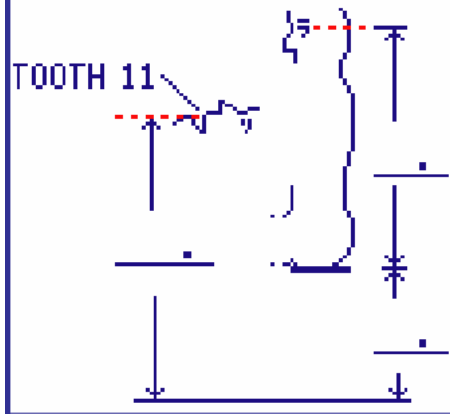
___ CM ___ CM ___ CM

0: FIBULA POINT HEIGHT



14 SEAT, EYE, TOOTH HEIGHTS

00: BEST FEELING-BEST CONTROL



15. ADDITIONAL SPECS/DATA

0: WHAT I WANT AS

- An Operator
- A Communicator
- A Patient
- An Assistant

for

- Inter Personal Positions
- Open Human Space
- Human Weight Supports
- Object Supports/holders
- Instruments