|  |  | Apparatus | Patient Position | Segmental Contact Point | Contact Point | Drive Hand position | Stabilization hand position | Drive Arm Position | Stabilization Arm Position | LOC |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PS-LS-LP |  | Chair | Head over sholders, chin up head tilt left, nose away from contact | Left supra-mastoid notch | medial metacarpophalangeal joint of left hand | cupped behind skull | thenar at right ramus of mandible, fingers behind skull | angled toward a point anterior to opposite shoulder | Caddywampus | P-A, S-I, L-R, nose away |
| AS-RS-RA |  | Chair | Head over sholders, chin down head tilt right, nose toward contact | Right supra-orbital ridge | Right pisiform/hypothenar | flat broad contact over forehead | overlapping drive hand, almost pisiform over pisiform |  | ows back | A-P, A-I, R-L, Nose toward |
| ASRP |  | Chair | Right head tilt, Chin can be raised | Right TVP Atlas | Pad of Right thumb | almost flat, slightly cupped wrist extended | holding cookies - fingers along lateral neck, thenar at ramus of mandible | straight across shoulders | Caddywampus | R-L, CW torque with nose away |
| AILA |  | Kc | Left, Left, Left, Left | Left TVP Atlas | soft pisiform | relaxed | two finger curl on back of hand | slight bend | slight bend | L-R, CW torque with body ant to SCP |
| C6 PLS |  | Chair | Seated, Feet forward hands in lap head over shoulders, chin level with or slightly below horizontal (don't' extend the head) | Left spinous of C6 | Distal, lateral PAD of finger (NOT lateral phalanx) | Gonstead hand, Rathole, thumb ant. to or on ear. | holding cookies - fingers along lateral neck, thenar at ramus of mandible | Angled toward opposite eye | Caddywampus | P-A, L-R, CCW torque, I-S for the facets and then along disk plane |
| C2 PL-Ia |  | Chair |  | RIGHT lamina of C2 (1/8" lateral, $1 / 8$ "superior to spinous) |  |  |  | Angled toward same side eye |  | P-A, CW torque, I-S for the facets and then along disk plane |
| T2 PRS |  | KC/Hi-lo | Prone, Thyroid-Thoracics-Thighs, Shoulders level or slightly higher than pelvis | Right spinous of segment | Soft Pisiform | $\begin{aligned} & 45^{\circ} \text { across Dr.'s } \\ & \text { Midline } \end{aligned}$ | two finger curl on back of hand | minimal and fairly equal elbow bend, body leaning to make your drive perpendicular to spine (this makes it along the disk plane). |  | P-A, R-L, CW torque, I-S for the facets and then along the disk plane |
| T3 PRI-t |  | KC/Hi-lo |  | LEFT TVP of segment |  | Parallel to spine |  |  |  | P-A, CCW torque, $\mathrm{I}-\mathrm{S}$ for the facets and then along the disk plane |
| T8 PLS |  | KC/Hi-lo |  | Left spinous of segment |  | $\begin{aligned} & 45^{\circ} \text { across Dr.'s } \\ & \text { Midline } \end{aligned}$ |  |  |  | P-A, L-R, CCW torque, I-S for the facets and then along the disk plane |
| T10 PLI-t |  | KC/Hi-lo |  | RIGHT TVP of segment |  | Parallel to spine |  |  |  | P-A, CW torque, I-S for the facets and then along the disk plane |
| L4 PRS | Push | Bench | Side posture, Right side up | Right Spinous L4 | Soft Pisiform | $45^{\circ}$ across spine | Heel of hand to delto-pec groove, traction shoulder UP not back. | $\begin{aligned} & \hline \text { Aligned P-A and up the } \\ & \text { facets } \end{aligned}$ | Traction shoulder headward |  |
|  | Pull |  | Side posture, Left side up |  | Fingertip, backed up | "C" shape rathole |  | Elbow out for pull |  |  |
|  | $\begin{gathered} \text { KC } \\ \begin{array}{c} \text { (knee } \\ \text { chest) } \end{array} \end{gathered}$ | KC/Hi-lo | Prone, Thyroid-Thoracics-Thighs, Shoulders level or slightly higher than pelvis |  | Soft Pisiform | $\begin{aligned} & 45^{\circ} \text { across Dr.'s } \\ & \text { Midline } \end{aligned}$ | two finger curl on back of hand | minimal and fairly equal elbow bend, body leaning to make your drive perpendicular to spine (this makes it along the disk plane). |  |  |
| L2 PLI-m | Push | Bench | Side posture, Right side up | Right Mammilary L2 | Pisiform | Parallel to spine | Heel of hand to delto-pec groove, traction shoulder UP not back. | Aligned P-A and up the facets | Traction shoulder headward | P-A, CW torque, l-S and then along the diskplane |
|  | Pull |  |  |  | Fingertip, backed up | "C" shape rathole |  | Elbow out for pull |  |  |
|  | $\begin{gathered} \text { KC } \\ (\text { (knee } \\ \text { chest) } \end{gathered}$ | KC/Hi-lo | Prone, Thyroid-Thoracics-Thighs, Shoulders level or slightly higher than pelvis |  | Pisiform | Reach across spine, hand $90^{\circ}$ to spine | two finger curl on back of hand | minimal and fairly equal elbow bend, body leaning to make your drive perpendicular to spine (this makes it along the disk plane). |  |  |
| Right $\mathrm{PI}_{6} \mathrm{In}_{3}$ |  | Bench | Side posture, Right side up | Right posterior/inferior/medial PSIS | Soft Pisiform | $45^{\circ}$ toward Dr. | Heel of hand to delto-pec groove, traction shoulder UP not back. | Along joint plane | Traction shoulder headward | P-A, I-S, M-L with CCW torque |
| Right | ${ }_{6} \mathrm{Ex}_{3}$ |  |  | Right posteriorlinferior/lateral PSIS |  | $45^{\circ}$ toward spine |  |  |  | P-A, I-S, L-M with CW torque |
| $\text { Right } \mathrm{AS}_{3} \mathrm{In}_{6}$ |  |  |  | Right Gonstead fossa (2 over, 3 down) |  | $45^{\circ}$ toward Dr. |  |  |  | P-A, S-I, M-L with CCW torque |
|  |  | Right posteriorlinferior/medial PSIS |  | 3 Fingers | "C" shape rathole |  |  | P-A, I-S, M-L with CCW torque |  |  |
| Left $\mathrm{Pl}_{3} \mathrm{Ex}_{6}$ |  |  |  | Left posterior/inferior/lateral PSIS | Pisiform | under patient |  | Leaning headward |  | P-A, I-S, L-M with CCW torque |
| $\begin{aligned} & \hline \text { Right } \mathrm{AS}_{8} \mathrm{Ex}_{2} \\ & \hline \text { Left } \mathrm{AS}_{2} \mathrm{Ex}_{6} \\ & \hline \end{aligned}$ |  |  |  | Right Gonstead fossa (2 over, 3 down) |  | $45^{\circ}$ toward spine |  | Along joint plane |  | P-A, S-I, L-M with CW torque |
|  |  | Left Gonstead fossa (2 over, 3 down) |  | under patient |  | Under Buttocks |  | P-A, S-I, L-M with CCW torque |  |  |
| P-L | ISU |  | Bench | Side Posture, Left side up | Left Sacral ala, between S2 and PSIS | Pisiform | $90^{\circ}$ across spine | Heel of hand to delto-pec groove, traction shoulder UP not back. |  | Traction shoulder headward | P-A |
|  | ISD |  |  | Side Posture, Right side up | Right Sacral ala, between S2 and PSIS | Semi-knife edge | $45^{\circ} .45^{\circ} .45^{\circ}$ |  | Along joint plane |  | Into table (along the joint plane) |
|  | Pull | Side Posture, Left side up |  | Left Sacral ala, between S2 and PSIS | 3 Fingers | "C" shape rathole | Ellow out for pull |  | P-A |  |
| BP or Sp | ndylo | Side Posture, either side up |  | S1 or S2 | Soft Pisiform | $90^{\circ}$ across spine | Aligned P-A |  | $\mathrm{BP}=\mathrm{P}-\mathrm{A} ;$ Spondylo $=\mathrm{S}-\mathrm{l}, \mathrm{P}-\mathrm{A}$ |  |
| A-L |  | Hi-lo | Prone, pelvic pad up 3 turns | Pull tissue from tip of coccyx to sacrococcygeal junction | thumb of headward hand | caudal hand pisiform on headward hand thumbnail |  | producing an I to S thrust along sacrum | comfortable, with hand flat and fingers pointing laterally | I-S either with SCP on right of coccyx or with a CCW torque |

## Side Posture

1 Appropriate side up
2 Patient straight
line from EAM through shoulder, trochanter and malleolus straight
3 Patient on front $1 / 3$ to $1 / 2$ of table
4 "Beachfront"
approx 2-3 inch in front of patient for pushes
push the patient back)
or pull the patient forward for pulls
5 Patients foot off the table
edge of table just above the lateral malleolus
6 "outrigger"
upper arm is back with top hand over bottom hand
7 Patient's lower shoulder is pulled downward toward their hip
8 "Smile to smile"
heel of doctor's headward hand fits into delto-pectoral groove of patient and doctor tractions HEADWARD on the patient
9 Front Crease (of doctor) to Side Seam of patient
10 Doctor's headward knee is near the patient's abdomen or chest to add stability to the patient as you roll them forward.

## Push Adjustments

Dr. upright - LOD is along SI joint patient rolled forward
$\mathbf{P I}$ - hand up spine - SCP is PSIS
AS - hand up spine - SCP is Gonstead Point (2" lat to PSIS, 3" below)
In - hand 90 deg toward doc
Ex - hand 90 deg away from doc
PIIN - hand 45 deg toward doc
PIEX - hand 45 deg away from doc
ASIn - same as PIIn but SCP is Gonstead Point
ASEx - same as PIEx but SCP is Gonstead Point

## Pull Adjustments

Patient pulled closer to edge of table ("Pull the patient forward for pulls")
i.e. decrease your "beachfront"

Patient pelvis is more vertical
All pulls have a kick
dr. knee is just behind the patient's trochanter and the dr.'s ankle is proximal to the patient's knee.
For all pulls, the EX side is down (pull your "Ex" down)
IN Pulls
C shaped hand (rathole with thumb on glute med)
3 fingers medial to PSIS
LOC = M-L with torque if you can get it
P-R or P-L Sacral Pull
As above but SCP is on Ala of sacrum, LOC is P-A
PIIN pull
as above but SCP is lower on PSIS and LOC included I-S
Lean toward the patient's head to get the I-S

## ASIN Pull

It's "A Sin" - "Push sin away..."
EX pulls
pisiform on lateral PSIS, fingers under the patient

## PIEx Pull

Lean toward the patient's head to get the I-S
ASEx Pull
Lean toward the patient's legs to get the S-I
Move pisiform to Gonstead Point
Forearm under patient's buttocks
"Most comfortable position in Chiropractic" (yeah... right)

## Sacrum

## BP/Spondylo

Patient either side up
Pisiform on Sacral tubercle (S1 or S2)
Fingers 90 deg to spine (pointed across patient toward table top)
Elbow aligned so you have a P-A LOC
Spondy will have an S-I component added to the LOC

## ISU - "Involved Side Up"

Push
Same position as BP/Spondy above but with SCP just medial to PSIS
Pull
Same position as In Pull above, but with SCP must medial to PSIS
LOC is P-A
ISD - "Involved Side Down"
45/45/45 (or "Put the knife down")
Patient's pelvis is 45 deg to bench top
dr's Pisiform is just medial to involved PSIS with the hand turned 45 deg to isolate the SCP
Dr.'s Thenar is lifted 45 dg off the patient's back
Dr's shoulder is over or a bit superior to the contact

## Coccyx

Doctor stands on either side
superior thumb finds the tip of the coccyx
tissue pull headward until you just pass the sacro-coccygeal junction
inferior hand pisiform placed on superior hand thumbnail
elbow parallel to the ground
LOC - I-S for all listings
A - Contact center of coccyx
A-R - contact slightly to the left side of the coccyx
A-L contact slightly to the right side of the coccyx
OR Torque the coccyx into place while contacting the center

## Lumbar

Standard Side Posture

## Push

Contact side of listing is UP
Spinous contact: soft pisiform with hand a 45 deg
Mamillary contact: pisiform on appropriate mammilary with hand parallel to spine

## Pull

Spinous side is always down
Fingertip contact with other fingers backing it up
" C " shaped hand with rathole
Knee-Chest (KC)
Patient appropriately placed on knee chest
Doctor stands on spinous side
Spinous contact: soft pisiform with hand a 45 deg
Mamillary contact: Doctor reaches ACROSS SPINE and
places pisiform on appropriate mammilary with hand perpendicular to spine while pulling patient into doctor's knees

