

## "The biggest boom to my practice," Dr. T.T. Allegrezza

The Precision Spinal Adjustor, which has an internal microprocessor that monitors the energy level...the thrust that a chiropractor can use on his patient...was unveiled at the ACA/ICA Conference in Las Vegas in July. One of the earliest users of the new instrument, Dr. Thomas T. Allegrezza, Boise, Idaho, made this statement recently:

"Using the new Precision Spinal Adjustor in my office has been the biggest boom to my practice in the past 10 years. My patients accept this device...it's more sophisticated ... more accurate than any other device I can use. Treatment consistency is very important to my patients and when I use the Precision Spinal Adjustor, I am more precise with my adjustment and I can adjust the instrument according to the tolerance of my patient. This is important to me and I am glad that I have this stimulating new device."

Kinetic Technology, Inc., Pittsburgh, PA, has introduced the instrument to a number of chiropractors since the Las Vegas meeting.

"We felt that only a computerized instrument which would give the same thrust each time with no pressure on the chiropractor's arm, wrist or shoulder would be a significant advancement," Dr. Joseph M. Evans, Chief Executive Office of Kinetic Technology, said.

There are 24 different settings which means that this wide energy range will enable a chiropractor to treat all body sizes and types and subluxations. And, it will prevent fatigue since the instrument provides all the thrust...which in turn will enable a chiropractor to treat more patients during his office hours.

Three models are available: Table Top, Floor, and Wall Mount.



The Product Survey conducted at the Las Vegas Meeting of the ACA/ICA was most successful. Pictured above (l. to r.) enjoying a break in the survey are Dr. Joseph M. Evans, Chief Executive Officer, Kinetic Technology; Dr. T.T. Allegrezza, D.C., Boise, Idaho; E. Rex Moore, Technical Director, Kinetic Technology.

A review of the  
*Precision Spinal Adjustor*

## Adjustive Instrumentation

by Richard H. Tyler, D.C.

An excerpt from his new book, "Diversified Diagnostic and Therapeutic Applications in Conservative Health Care."

Once I had the Precision Spinal Adjustor in my office I decided to apply it to some of my elderly patients. This would be a good test of the efficacy of the instrument since the adjusting gun, blocks or terminal drops were my primary therapeutic approaches for this kind of patient.

It didn't take long for me to learn the correct way to use the Precision Spinal Adjustor. A unique feature I found satisfying was that the thrust was not triggered until just the right amount of computed pressure was applied to the area to be adjusted. Once this was accomplished the Precision Spinal Adjustor fired a dynamic impulse.

From the elderly, I went to the children who seemed excited that a computer was going to take part in their adjustment. The therapeutic results were equal to those of other instruments I had used with the added satisfaction of knowing that the correct degree of thrust would be produced specifically for each patient and each area of their spine.

The primary mission of the chiropractic physician should be the welfare of his patients through whatever legitimate means is at his disposal. This should also be true with such specifics as spinal adjusting. The majority of my adjusting is done manually on the Leander table. A significant amount, however, is done with instrumentation and for that reason I've found the Precision Spinal Adjustor irreplaceable and of great value when adjusting young and old...infant or a truck driver.

We live in an age of great technological advances and we must keep up with this type of progress both for the benefit of our patients and that of our profession.

Kinetic Technology, Inc.

3251 Old Frankstown Road  
Pittsburgh, PA 15239  
412 733-2277



## PRECISION SPINAL ADJUSTOR

### DISCOUNT POLICY

The following discount policy has been announced effective August 15, 1987:

PURCHASE	DISCOUNT
5-10 Units	8 %
11-16 Units	10%
17 or more	12%



Dr. John L. Stump, (left), Director, Gulfcoast Sports Medicine Center, Daphne, Ala., talks to Dr. Joseph M. Evans, Chief Executive Officer, Kinetic Technology, Inc., Pittsburgh, PA, about its new Precision Spinal Adjustor. It is a computerized instrument which gives the same thrust each time. Dr. Stump will use one instrument in the 1988 Olympic Study in Korea and another at his office in Alabama. Studies and research will be conducted on athletes and results will be published in *The shape of things to come*.

## The typical force-time profile generated by the Adjusting Heads

The peak force is the maximum force that's generated during the adjustment. It may vary... depending upon the Setting, Adjusting Head that is used and the resistance of the patient's body structure.

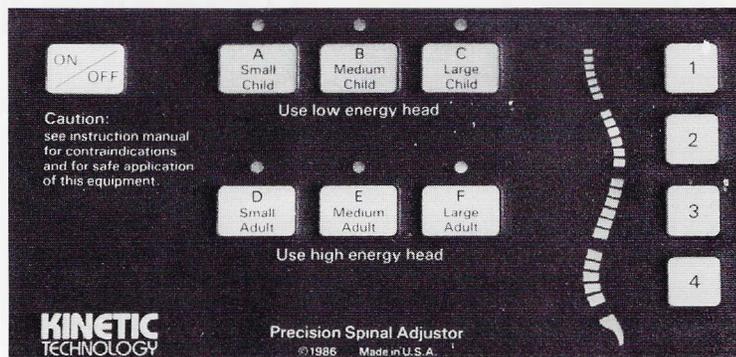
For example, 15.6 on the chart indicates this: High Energy, at Setting E2 and 15.6 lbs. of force was exerted on the patient.

As you can see, the same amount of force (15.6 lbs.) can be obtained if we had used setting D3 or F1.

The chart enables you to make changes from where you started...

If you are using E3 on the lower thoracic spine... and it's too much force for the patient— go back to D3... it will reduce the maximum force by 5 lbs. If the adjustment can be accomplished, it's less traumatic to the patient because you use less force.

It is recommended that Setting E2 be used in the upper thoracic area of an average, medium adult. While Setting F1 would be more appropriate for the cervical area of a large man. Setting D3 would be recommended for the lower thoracic area of a small-boned adult.



### Forces Generated by the Adjusting Heads

Typical peak force obtained on patient in pounds

#### Low Energy Head (A B C)

A	B	C	Setting
7.6	9.4	10.8	1
9.4	10.8	11.7	2
10.8	11.7	16.9	3
11.7	16.9	20.4	4

#### High Energy Head (D E F)

D	E	F	Setting
9.6	12.2	15.6	1
12.2	15.6	20.2	2
15.6	20.2	25.7	3
20.2	25.7	32.7	4

The Precision Spinal Adjustor is a low energy-low force method of adjustment which is not only precise and repeatable, but occurs in less than 5 milliseconds. This is a much shorter time span than is required for muscle reaction. The adjustment is over before muscles can resist... therefore, it takes less force.

In addition to the recommendations on the instrument panel, the charts (shown left) allow you to change the settings with confidence. You know the relationship of the setting to each other in terms of the peak force exerted on the patient.