COMMON SENSE MECHANICS IN EVERYDAY ORTHODONTICS

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www.commonsensemechanics.com

DAY I

The practice of orthodontics today requires an ever-increasing knowledge placing greater demand on the time of the individual seeking to expand his/her knowledge in total orthodontic care. Such time limitations make it more critical than ever to understand orthodontic mechanics at a level that will permit the operator to compete effectively without changing brackets and altering techniques every time there is exposure to “something new.” A genuine grasp of sound orthodontic principles will allow one to remain with the appliance of choice, while resolving the tremendous variations of orthodontic tooth-moving problems through application of knowledge in place of unnecessary effort. Entirely loop-free appliances applied in a manner which minimizes patient cooperation will bring untold satisfaction to both operator and patient. Emphasis is on simplicity produced by maximum understanding combined with minimum effort. Desirable and undesirable tooth movements often result by “accident.” You will clearly understand the cause and effect factors that produce these movements. As a result, you will be amazed at your ability to predict response and take the necessary action to avoid and eliminate the undesirable responses in an uncomplicated manner.

It has always been a real challenge to control molar position when all teeth are not banded/bonded. But, in many cases it is advantageous not to band/bond all teeth – particularly when the second molars are normally positioned from the start. You will discover an approach that not only offers control of molar position, but eliminates the need for lingual arches, transpalatal arches, and second molar banding (when no second molar movement is required). You will not have learned this in the academic world.
Your exposure to “Force Driven Archwires” instead of the familiar “Shape Driven Archwires” may lead you to question the need for prescription brackets. You will find no need to alter your choice of brackets (single wing or twin), slot sizes, etc., but you may find it both convenient and less expensive to avoid use of the many devices used in combination with bracket therapy.

**DAY II**

Treatment of Class II Malocclusions will be discussed in a manner which will offer the opportunity for correction without headgear or elastics. Regardless of whether the Class II is unilateral or bilateral, the mechanics applied are symmetrical. Forget the use of complicated asymmetrical mechanics for asymmetrical problems. This approach is unlike the myriad of complex and expensive appliances utilized today in non-compliant therapy. You will learn the significance of molar rotation in creating arch length, midline correction, and resolution of Cl II molar relationships - unilateral or bilateral.

There should be no doubt following the conclusion of the first two days that archwire shape is not the primary determinant of tooth movement, but in fact is the cause of many undesirable side-effects that so often lead to the regular use of transpalatal arches, lingual arches, and crossbite elastics. You will see why the presenter of this program has never found it necessary to use any of these approaches.

You will be exposed to a “force-driven” concept that produces direct and predictable movement, but is totally unlike the “shape-driven” concept that results in so many unpredictable movements and undesirable side-effects.

No individual will find it necessary to change bracket prescriptions, wire sizes, etc. in order to benefit from what is presented. However, you may well discover that the “neutral slotted” bracket has much more to offer than previously thought – not to mention that such brackets are far less expensive. You will also discover that the multitude of lab appliances in use today can be avoided, thus further reducing office overhead significantly. In the final analysis, overhead may be reduced in many ways with an understanding of Common Sense Mechanics. Examples include staff size, retirement contributions, medical insurance, sick pay, and vacation pay, only to mention a few.

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