

QUALITATIVE AND QUANTITATIVE ORTHODONTIC VECTOR FORCES

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true false

- 1. A vector force is a resolution of all the forces in one plane in space.
- 2. This vector force is expressed with an arrow with 2 parts being direction and magnitude.
- 3. **VECTOR III®** is derived from vectors in 3 planes in space they are: horizontal, vertical and transverse.
- 4. One may address qualitative orthodontics as vector forces within nature's functional design.
- 5. Orthodontic vector forces applied within the LFF™ and not exceeding the design limitations do not result in orthodontic tooth movements.
- 6. Appropriately Wolff's Law can be paraphrased to state; Altered function alters structure and altered structure alters function.
- 7. Qualitative orthodontic vector forces would include the functions of mastication and occlusion.
- 8. Qualitative physiologic forces in general exhibit maintenance rather than orthodontic movement or structural changes.
- 9. It should be noted that forces of mastication have been expressed in pounds per square inch PSI not grams per mm as expressed in orthodontic bio-mechanics.
- 10. Quantitative orthodontic vector forces have historically been the substance of bio-mechanics and its application in orthodontic diagnosis, case management and treatment.
- 11. Qualitative orthodontic vector forces when prudently addressed and implemented have the potential to significantly negate side effects of clinical bio-mechanics in orthodontic treatment. Newton's Law III of equal and opposite forces being true in a non-living environment are found to be not true in a living environment.

VECTOR III® QUALITATIVE AND QUANTITATIVE ORTHODONTIC VECTOR FORCES

Name _____

Address _____

City, State, Zip _____

AGD# _____

MC Amex Visa Discover (Please circle one)

Credit Card # _____

Exp. Date _____ CCV _____

Signature _____

1. True False
2. True False
3. True False
4. True False
5. True False
6. True False
7. True False
8. True False
9. True False
10. True False
11. True False

This is a **FREE** test if you e-mail your test results page to vector3@hotmail.com or fax to 262-763-5737. However, if you prefer to mail it, we require a \$5.95 shipping and handling fee for the return of your certificate.

100% is a passing grade on this test of important material. Any incorrect answers will be corrected and returned with the 2 hours CE Credit to bring the results to 100%. Re-taking the test or getting a 70% or better passing grade is not the objective. 100% of the correct answers of this important information for all is the objective.