

VECTOR III® ORTHODONTIC CLINICAL MANAGEMENT OUTLINE FROM EXAM/CONSULTATION THROUGH RETENTION

COMMENTARY FOR USAGE: The format is not meant to be comprehensive but a simple step by step guide. The comprehensives additional materials can be referenced and utilized from the VECTOR III® textbook Volumes I & II. Seminars are based on the textbook materials.. Clinical management of orthodontic treatment and patient advised informed consent are also developed from Volumes I & II. Doctor & staff will find Volumes I & II easy to be able to show patients treatment cases like theirs with start & progress photos.

VECTOR III® support products and their indications and clinical management are found in Volumes I & II. The simple step by step outline when utilized by doctor and staff for the 1st time may require extensive use of the textbook Volumes I & II. Subsequent usage with notations and a fit for your office procedures should be “short & simple”. The basic forms can be duplicated and incorporated into your office procedures. Downloads for additional information can be found on www.VECTORIIIORTHO.com.

Examples would be the patient information flyers for removable and fixed appliances and a guide to orthodontic fee payment plans. These and other materials may be downloaded and printed for your office use. If you do not have double sided printing capabilities you can get them done at Kinko’s or Instyprint or somplace that does double sided printing.

A. Exam/consultation

Charting and advising the patient:

What’s wrong.

What can be done to correct it.

What is required in time and funds.

B. Orthodontic Records as indicated or required.

C. Development of treatment options and treatment plan with the use of the Orthodontic Case Selection Guide and the 1:1 Rule.

I. Guide for removable appliance option/fabrication. Support products VECTOR III® Duo-Tee® Spring appliance.

II. Guide for fixed appliance options and indications. VECTOR III® Support products.

III. 1:1 Rule transparencies and forms for chart use.

D. Patient Case presentation of the developed materials. NOTE* *A patient must be informed of his or her diagnosis, alternative methods of treatment, and the risks and benefits of each treatment, including the probability of success or failure.*

THE FORMS:

I. GUIDE: check off for fixed or removable appliance treatment options.

II. GUIDE: check off for fixed appliance factors, indications and objectives.

These forms may be duplicated and may be useful for case presentations.

E. Additional steps for fixed appliances treatment considerations.

The 1:1 Rule, the relationship of crowding, facial profile and arch width.

NOTE* Doctors and staff may find this material useful to incorporate into case presentations where indicated to further explain what, how & why.

F. Steps and support products in the mid to pre-detailing phases of orthodontic clinical treatment management.

.016 X .016

VECTOR III® CLASSICS™ MID/PREDETAIL ARCHWIRE™

.016 x .016 Vectorloy has 100% flex & return without brittleness. Can be used for 1st and 2nd molars.

Use these wires with;

VECTOR III® Transparency Overlay, Case Selection Guide and the 1:1 Rule Grid Transparency Overlay.

Vectorloy® Wire is a specially formulated and heat-treated wire that provides flex and force control in one wire.

5 Wires per package @ \$37.50
Lower Wires - Item #16X16L

Manufactured by: VECTOR III®, 303 E. Dells Rd., Silver Lake, WI 53105
Phone 262-763-5023 Fax 262-763-5737 Batch #072307

INDICATIONS FOR USE:

A. Use following a VECTOR III® Classics Wire™ Flat Series (approximately 5-12 weeks progress).

B. Control/Correct 1st molars for rotations and width (without compromising arch shape from 2nd bicuspid to 2nd bicuspid and anterior developed by VECTOR III® Classics Wires™ Flat Series)

C. Move malposed teeth TO the wire with H+ 3-6-9 Slingties™. Do not force the wire to the bracket this will cause side effects on adjacent teeth.

D. Mid/predetailing wire can be followed by a VECTOR III® ULTRA ARCHWIRE TARGET SHAPE™ for higher force and increased arch width indications (customize for patient.)

Always use .018 slot brackets when using VECTOR III® CLASSICS™ wires.

.016 X .022

VECTOR III® ULTRA ARCHWIRE TARGET SHAPE™

.016 x .022 Vectorloy Ultra™ has 100% flex & return. Can be used for 1st and 2nd molars.

Use these wires with;

VECTOR III® Transparency Overlay, Case Selection Guide and the 1:1 Rule Grid Transparency Overlay.

Vectorloy® Wire is a specially formulated and heat-treated wire that provides flex and force control in one wire.

5 Wires per package @ \$37.50
Lower Wires - Item #16X22L

Manufactured by: VECTOR III®, 303 E. Dells Rd., Silver Lake, WI 53105
Phone 262-763-5023 Fax 262-763-5737 Batch #072307

INDICATIONS FOR USE:

A. Use as target shape and move malposed teeth TO the wire with H+3-6-9 Slingties™.

B. Pre-insertion, customize target shape for an individual 1st or 2nd molars. Move individual malposed teeth from start position to desired position WITHOUT adjustments.

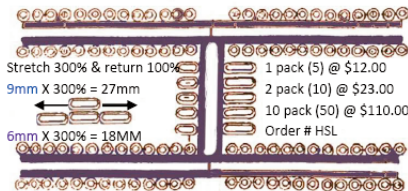
NOTE: This VECTORLOY Ultra™ is brittle. Use only minimal adjustment for width at the cuspid offset with a 3 nose plier. Thus try to use without adjustment when possible. Flex/return 100% Ultra high modulus of elasticity/high force rate.

H+ 3-6-9 Slingties™

VECTOR III®

H + 3-6-9

SLINGTIES™
U.S. Patent #6,254,383B



Some indications for use. Additional uses see manual.

1. When the bracket distance from the wire exceeds the ease of use of a standard 3mm tie. An alternative to pushing the arch wire into the bracket.
2. On a high cuspid use a Slingtie™ as the attachment. Go from the cuspid bracket around the wire and back to the cuspid bracket. Do not flex/force the wire into the cuspid bracket.
3. When functions of space making and moving a tooth into the space are indicated.
4. Moving anterior teeth for spacing and midline correction.
5. Moving individual teeth or segments with Slingties™ toward an arch wire can be done without the traditional negative/reciprocal side effects.

Manufactured expressly for:

VECTOR III® 303 E. Dells Rd., WI 53170
262-763-5023 Fax 262-763-5737

Quan. 5 per package

I

G. Prudent Reference Materials to read:

Qualitative & Quantitative Orthodontic Vector Forces by V. C. “Bud” White D.D.S., M.S.

Volume II Chapter XI

Volume II Chapter XII

View CD on Fixed Class II Division II and Removable Torque Roots

Refer & review to the use of H + 3-6-9 **Slingties™** to understand the important factor of moving the teeth to the wire NOT tie the malposed teeth to the archwire. This is important for doctors and staff to understand and be able to show and tell patients. The negative side effects and the significant reduction of treatment time are reduced at the same time. When providing the highest standard of orthodontic treatment it is very important for the patient to understand and appreciate all the factors going into his or her treatment.

Elastics-mechanics of force systems Volume I Chapter II pages 90-103.

H. *The indications for use of **VECTOR III®** removable appliances in conjunction with fixed appliances.

Indications for use of **Duo-Tee®** spring appliances.

1. In mixed dentition for cross-bites or alignment and rotation.
2. In adult dentition as primary treatment. To rotate teeth, tip teeth labially or lingually, translate, torque roots or to intrude or extrude teeth.
- *3. In retention following treatment. Or for correction of relapse. As prevention added to appliances when the pre-treatment position of the teeth indicate a higher probability of relapse.
- *4. As an answer to the question “How much longer do I have to wear these braces?” Getting the braces off early can be achieved now without compromise. Detailing of anterior alignment and rotations can be achieved, often more easily, than with braces. This allows for the early removal of the braces and the retainers are used in retention. With the custom modification using the “Molar Mover” molars can often be moved to the buccal out of x-bite after the braces are removed, thereby saving time and solving an often challenging finishing step.
- *5. When stopping treatment early with a signed release. Such as a non-compliant patient.
6. As a dental adjunct to esthetic dentistry, for minor anterior tooth alignment before bridges, veneers, bonding etc.



VECTOR III, and Associates is designated as an Approved PACE Program Provider by the Academy of General Dentistry. The formal continuing dental education programs of this program provider are accepted by AGD for Fellowship/Mastership and membership maintenance credit. Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement. The current term of approval extends from (1/1/2014-12/31/2017).

REVIEW AND CHECK OFF TEST FOR C.E. CREDIT

This test is optional and more than one staff member may take the test and fax it to VECTOR III®. The review and test is for 4 hours C.E. Credits. The bonus questions and comments may be taken for 1 hour C.E. Credit for a total of 5 hours C. E. Credit. There is no additional fee for staff members. This is C.E. Credit for staff only!

I have reviewed the material both CD and printed and have a good working overview of the materials
 YES NO

- | TRUE | FALSE |
|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> 1. Malposed teeth are not to be tied to the arch wire. They are to be moved to the wire. This reduces the side effects and the teeth all tend to move in the correct direction. |
| <input type="checkbox"/> | <input type="checkbox"/> 2. #6 and #9 Vector III® Slingties™ can be used to move malposed teeth to the wire. |
| <input type="checkbox"/> | <input type="checkbox"/> 3. When using the Guide and the 1:1 Rule, transparency overlays are placed with the molar offsets between the 2nd bicuspid and the 1st molars. |
| <input type="checkbox"/> | <input type="checkbox"/> 4. The transparency overlay (1MM grid) is useful in adjusting target .016 X .022 wires to the shape indicated for an individual patient. The adjustment is made at the cuspid offset with a 220 Three Nose plier. Slight adjustments must be made with care due to Ultra Vectorloy™ Wire tending to be brittle. |
| <input type="checkbox"/> | <input type="checkbox"/> 5. The transparency overlays used to determine the options/indications for fixed or removable appliances. |
| <input type="checkbox"/> | <input type="checkbox"/> 6. When copying models on a copy machine the cut out template is useful to print out the doctors' and patients' information areas, thus it is necessary not to write on the original. |
| <input type="checkbox"/> | <input type="checkbox"/> 7. When using the transparency overlay, notations of areas that the teeth need to move from start to the wire can be shaded or lines drawn. This shows where individual teeth need to be moved to the wire. |
| <input type="checkbox"/> | <input type="checkbox"/> 8. When using the transparency overlay notations can be made with a double ended arrow in areas short room such as unerupted or blocked out teeth. This usually indicates the need for VECTOR III® Spacemakers™ when teeth are unerupted or VECTOR III® Custom Interactive Springs if the teeth are erupted enough to attach a bracket. |

TRUE

FALSE

- 9. When using the Guide and the 1:1 Rule the vertical dimension is important to note (1/3, 2/3, 3/3 or closed). This is useful in selection of VECTOR III® Flat Series or Reverse Curve Series Classics Wires™.
- 10. When using the Guide and 1:1 Rule making a notation of upper and lower midlines is important in developing a treatment plan.
- 11. Making note of the patient classification, Class I, II, III, is useful in making a treatment plan. Subdivisions are additionally useful. Examples would be Class II, Division II or Class I Type II etc. This information is important to develop treatment plans and explain to patients for their advised and informed consent portion of the case presentation to them.

BONUS QUESTIONS AND COMMENTS FOR EXTRA C. E. CREDIT 1 HOUR.

- A. BioAnalytic™ Mechanics + Vectorloy Wire = Revolutionary Results
- B. Patients who have been told what is wrong, what can be done to correct it and what is required in time and funds tend to understand treatment progress and treatment objectives. They generally co-operate and do better in treatment resulting in faster results.
- C. Doctors and staff provide care with happiness as a bonus. This bonus results in pleasant days and generally a good referral base for new patients.

D. Optional Comments About VECTOR III®

Name _____ Address _____

City _____ Zip _____ Phone _____

Doctors name and office _____

Make additional copies if needed before filling out.

FOR DOCTORS OPTIONAL BONUS CE CREDIT CHECK HERE:(not staff)

Check that you have reviewed the Easy Surfing materials on www.vectoriiiortho.com website. Additionally doctors need to take the Clinical Management test (same as staff) to obtain the bonus. 18 hrs. CE credit given doctors for the seminar plus the optional bonus of 4 hrs. for a total of 22 hrs. CE credit.