



THE DE VREUGD OCCLUSAL COMPASS

A GUIDE TO CREATING FUNCTIONAL MORPHOLOGY IN WAX

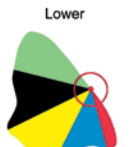
Each color on the DeVreugd Occlusal Compass represents directions in which the mandibular buccal cusps travel during chewing (back to centric), and parafunctional grinding (leaving centric). These areas must be free of contact during function where anterior guidance exists. When the mandible moves forward (black area on compass) the technician must make sure nothing is higher in that area. The same with yellow, blue and red areas. These areas are part of the chewing path and grinding path we all use. When the patient chews or grinds on the other side of their mouth the green area comes into play.



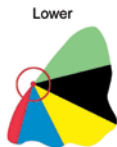
Maxillary #2 - # 5



Maxillary # 12 - # 15



Mandibular # 21 - # 16



Mandibular # 28 - # 31

STEP 1

On the maxillary (upper) teeth, place the red dot of the occlusal compass on the centric stop of your wax-up or porcelain, with the black (protrusive) color toward the front of the mouth. Looking in from a 90° angle, along each color, clear out any material

blocking your view of the centric stop. On the mandibular teeth (lower) place the red dot on the centric stop with the black (protrusive) color toward the back of the mouth.

Repeat as above.



Black dots inside the circle are made by opposing lower buccal cusps.



STEP 3

The DeVreugd Occlusal Compass is always oriented on the maxillary teeth so that the black protrusive movement faces the **FRONT** of the mouth.



STEP 4

The DeVreugd Occlusal Compass when placed on the mesial centric stop. The blue and red area must be free of interference back to centric while looking from 90° along the long axis of the tooth.



The DeVreugd Occlusal Compass placed on distal centric stop. All areas that fall in the colored sections must be free of interferences to allow the opposing cusp to travel to and from centric.

ABOUT RUSSELL T. DE VREUGD, CDT

CREATOR OF THE DE VREUGD BIOFIT™ OCCLUSAL MOLDS & THE DE VREUGD OCCLUSAL COMPASS



Russell T. DeVreugd, CDT is an international consultant and lecturer in the field of Fixed Restorative Dentistry. He has presented courses on occlusion, contour, color and anterior esthetics throughout North America and Europe. Mr. DeVreugd has served as a consultant/lecturer for the Department of Biologic and Material Science, University of Michigan School of Dentistry, Ann Arbor, Michigan, and the undergraduate and graduate prosthodontic programs at the University of California School of Dentistry, San Francisco, California, and was appointed Regents Lecturer in 1984/85. Mr. DeVreugd is a contributing author in the textbook "Science and Practice of Occlusion" and "Quintessence of Dental Technology," 1997, published by Quintessence Publishing

Co. Incorporated. Mr. DeVreugd has presented to The American Academy of Restorative Dentistry, The International Academy of Gnathology, The American Dental Association, American Prosthodontic Society, Pacific Coast Society of Prosthodontists, Dental Center for Postgraduate Courses, Amsterdam, Netherlands, Karl Haupl Institute, Dusseldorf, Germany and Local, State and National Associations.

Mr. DeVreugd is the owner of DeVreugd Dental Laboratory and International Dental Seminars at www.idseminars.com