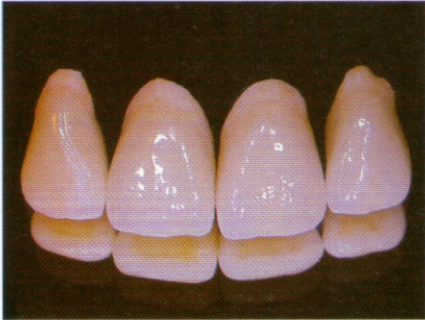


Know Your Lab...Dental Porcelains

Gary Lauffenburger
CDT, GDC

In today's age of advanced dentistry we as clinicians and technicians not only need to be concerned with providing the highest quality of care to our patients but we also need to be aware of the quality of materials we use in our restorations. One of these materials is dental porcelain powder.

Role of Dental Porcelain



The role of dental porcelain has always been to make dental restorations that mimic human teeth. Although dental porcelains have been around since the 1880's the initial powders were crude and unnatural looking, and it was not until the development of vacuum fired porcelains in the 1960's that the porcelains actually started to resemble actual tooth enamel. Since then, dental porcelains have undergone a series of advancements/generations and some of today's best dental porcelain powders can duplicate natural dentition perfectly in the hands of a capable technician.

Selection, Features and Indications of Dental Porcelain

In today's dental industry there are several dental porcelains available, and like with most things in life, with dental porcelain you get what you pay for... a cheap dental powder usually means problems, remade restorations and unnecessary chair time and overhead. The money you may have saved on purchasing a cheap dental porcelain powder is immediately lost with a couple of normally unnecessary remakes. Choose a porcelain powder that represents you, your practice, and your laboratory well remember, the best possible advertisement for your practice/laboratory are happy, satisfied patients proudly telling their friends and family where they just received their new beautiful, natural-looking crowns!

In determining what dental porcelain is best suited for your practice/laboratory there are a number of elements to consider;

1. You want a porcelain powder that is durable and chip/fracture resistant. A powder that comes from a reputable company that has a history of reliable, quality products.
2. You want a new generation porcelain powder that possesses all the newest features in dental porcelain powder advancement such as built-in fluorescence,

opalescence and true translucence because these are the features that makes the powder look natural and "lifelike" among natural dentition.

Opalescence



1. You want a powder that can be used for any indication that you might require such as crowns, bridges, veneers, implants, etc.
2. You want a powder that is user-friendly and gives you trusted, consistent results day in and day out.
3. Lastly, you want to choose a porcelain powder that enables you to choose from the largest selection of shades possible, namely the entire Vita Classic and Vita 3-D shade selection...for a total of 39 different shades!

The dental porcelain powder on the market today that best fills all of the above needed criteria is Duceram Love.....

Quotes from love dentists;



"I have worked with several porcelains over the years but Love is by far the most natural looking"

Dr. David Corbett D.D.S. Austin, Texas

"...after I seated the restoration and handed the patient the mirror, she had to ask me which one was the crown..."

Dr. Mike Belisle D.M.D. San Diego, California

"the fluorescence and opalescence of this powder makes the crowns disappear in the mouth..."

Dr. Philip Powers D.D.S. Miami, Florida

Author Guidelines

Dear Dr.

Healtalk Dental Journal is indexed with International Standard Series Number 0975- 6329 and also with Index Copernicus International Poland European State, Ulrich's International Periodical Directory U.S.A.

If you want to send some article please read the follow :

Healtalk Dental Journal solicits articles of all the dental specialties. Those who wish to contribute to the Dental Journal should send the matter at the editorial office. We reserve the right to edit the articles. Please note that we prefer case studies & case review type article. We reserve the right to reject articles without assigning any reason.

Selection of articles will be the sole discretion of the editorial board. Unselected articles will not be returned. Please send your brief bio data & passport size photograph along with the article. Ideally the articles should be approximately of about 1400 or above words. We would prefer the article in word format only. Also send the images in high resolution i.e. Minimum 300dpi in JPEG ext.

Authors from India are requested to send article by upload your article through our website : www.healtalkht.com

And also authors from India are requested to send article on a CD along with two printout on the below address:

The authors photographs & a brief bio-data must accompany all the articles.

Afzal A.

General Manager

(Mkt., Advt. & Circulation)

967/21-C, Housing Board Colony,

Faridabad (Haryana)

+91-9027637477, info@healtalkht.com

www.healtalkht.com

KENTAMED

KENTAMED-ESU-DENTO

- Power 400 watts
- 7 Electrodes of different tips
- Mobile control Switch
- Frequency 200Hz (Vibration), 455 KHz (Working)
- Tuned to 500 cycles the natural frequency of the human body
- Output control on handpiece
- Handpiece can be sterilized at 121°C
- EN 60601-1 (IEC 801-1), EN60601-2-2 (IEC 401-2-2)
- ISO 13485, ISO 9001 and ISO 14001 Certified by Nordic-Deved Certification

KENTAMED-ESU-Dento is a trade mark belonging to KENTAMED LTD, Belgium

MOTION

MD 666

Bleaching unit (Motion, Taiwan)

- Microprocessor controlled Bleaching Unit
- Remote controlled
- Digital display for timer (0-999.99.99.99)
- 3 keep on operation
- Auto power interior mode
- Light intensity 2000 (with/without)
- Wavelength: 432-580nm

dentomed

healthcare

www.dentomedhc.com

+91-9654350641, 9560223355