

***Product and Technology Integration for the Dental Hygienist
Buffalo Niagara Dental Meeting***

Kim Miller, RDH, BSDH, RDHMP - krmjpcconsultants@hotmail.com

Please email me if I can help you with any other documents. Thanks!

You can do anything with the right tools!

Learn the Art of Prioritization - Discover the Patient's Need

- Health History / Risk Assessment Screening
- Blood Pressure
- Head & Neck / Oral Cancer Screening
- Restorative / Aesthetic Screening
- Periodontal Screening
- Today's Clinical Procedure

The AAP Statement on Risk Assessment says...

“Risk assessment goes beyond the identification of the existence of disease and its severity, and considers factors that may influence future progression of disease.”

“Identifying adverse changes in risk factors, which might be suggestive of disease onset or progression, is an important clinical concept.” *J Periodontol 2008;79:202.*

Periodontal Risk Factors

Top four areas of risk: Diabetes – Smoking - Cardiovascular events / CRP - Pregnancy

Screening #1 - Health History / Risk Assessment – 3-5 min.

Changes?

Serious illness, hospitalization or surgery?

Family history: diabetes, heart disease, stroke, high blood pressure?

OTC meds? Prescription meds? Supplements?

Problems with teeth?

Consider Previser - Risk assessments available:

Periodontal

Caries

Oral Cancer

■Go To: www.previser.com - Download and install the software

■Begin 30 day **FREE** trial (unlimited assessments)

■To schedule an **online demo** (20 mins.), contact Dr. Anthony Stefanou at tonys@previser.com and tell him you learned of this product from Kim Miller of the JP Institute

CRT – Caries Risk Test by Ivoclar Vivadent

Measures amount of Strep Mutans colonies after incubation

Screening #2 - Blood Pressure - <1min

OMRON Wrist Blood Pressure Cuffs recommended

Keep batteries fresh or readings will be abnormally high.

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Screening #3 - Head & Neck / Oral Cancer - <3min

TMJ

Muscles	Anterior temporalis(temple area)
Masseters	Posterior temporalis

Extra Oral Cancer Screening - Lymph nodes

cheek bones (facial)	collar bone
ear (pre & retro auricular)	sternocleidomastoid muscle
submental & submandibular	occipital
throat / thyroid	

Visual Intra Oral Cancer Screening - <2min

Lips & Cheeks & Vestibule areas	Back of throat - tonsils
Tongue and Floor of mouth and glands	Hard and soft palate
	Boney ridge

Screening #4 - Restorative Screening - <2min

Use IOC each patient every appointment

New... **DIAGNOdent penby** KaVo - Laser Caries Detection Aid - 1-800-323-8029

High detection accuracy

Added mobility

Smile Analysis - <2min

Whitening - Take a shade / hand patient shade guide

“Sue, before we get started today, would you please select the color your teeth are?”

Check out - Liquid Smile - Easy to Use – www.liquidsmile.com

Periodontal Screening & Data Collection #5

All patients should receive a comprehensive periodontal examination.

Guidelines for Periodontal Therapy AAP Position Paper 2001

Periodontal Data Collection - Screening - <5min

Spot probe & Tissue Response / Gingival Index

Gingival Index - Esther Wilkins, BS, RDH, DMD

“The probe is inserted a few mm subgingivally and moved along the soft tissue wall with light pressure in a circumferential direction. The stroke shown here is in contrast with the walking stroke used for probing depth evaluation and measurement.”

Comprehensive Periodontal Charting - 7-20 min

Health History - *risk assessment*

Missing Teeth

Dental History - *previous disease*

Condition of restorations

Teeth and Replacements

Caries

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<i>Tooth Mobility</i>	Plaque and Calculus - <i>amount & location</i>
<i>Tooth Position</i>	
<i>Occlusion - look for signs & symptoms</i>	Periodontal Soft Tissues
<i>Signs of para-functional habits</i>	<i>Peri-implant tissues</i>
<i>Mouth breathing</i>	<i>Exudate / PUS</i>
<i>Tongue thrusting</i>	Probing Depths
<i>Lip / cheek biting</i>	<i>Bleeding on probing (BOP)</i>
<i>Radiographs – current standard of care</i>	<i>Correct angulation</i>

VENGA™ Advanced Office Communication - www.venga.info

Home Care Devices:

Waterpik® Ultra Dental Water Jet™

FlexCare ... the Next Generation by Sonicare

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Instrumentation

All Wipe Instrument Cleaner

Soft foam with grooves / slots trap debris

Backed with double sided tape sticks anywhere

1.5" x 1.5" – 50 for \$10.35

The **ImplantPro line** Use exactly as you would use standard Universal currettes.

Solid (not coated) titanium tips

Ergonomic

Lightweight, color-coded sure-grip

Economical

Replacement tips are available

Effective Design

Dentsply Professional - New... ***Cavitron Plus Scaling System With SPS Technology***

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Dentsply SPS Cavitron - Additional Tip Options - Implant Tip

Efficient – Safe - Gentle

Easily debrides implant surface

Comfortable for the patient

Smooth surface coating

Gentle tip motion

Instrument coating made of high-tech plastic material

Fully autoclavable

Safe for implant or restoration surfaces

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Adjunctive Therapies

OraPharma - Arestin™ Minocycline Microspheres

“Minocycline microspheres plus (*periodontal therapy including*) scaling and root planing provided substantially more probing depth reduction than SRP alone...The difference reached statistical significance after the first month and was maintained throughout the 3,6, and 9 month trial.”

Treatment of Periodontitis by Local Administration of Minocycline Microspheres: A Controlled Trial. Williams, Paquette, Offenbacher, et.al, Journal of Periodontology 2001

Arestin™

User friendly

Bioabsorbable

Efficient

Well tolerated by patient

Clinically effective

Cost effective

No Refrigeration required

Possible Insurance benefits

Dry field not required ☺

Prophy Paste / Fluoride Varnish / Remineralizing:

Waterpik Soft Shine Cosmetic restorative paste

Safe for all types of composite, ceramic & porcelain

Micron fine white sapphire particles

Ivoclar Vivadent Fluor Protector®

Fluoride varnish containing a formula of 1% difluorsilane / 0.1% fluoride.
Remains in close contact with enamel for several hours for the release of Calcium Fluoride.

MI paste – GC America

Active lesion is progressing towards cavitation (demineralizing).

“Sensitivity” Blocking Tubules

“Improving Saliva” Ion enriched

“Polishing Paste”

Sensitive Cervical Areas

Pediatric Paste w/ Fluoride

MI Paste

Application of desensitizing agent

D9910

Triage

Application of Sealant

D1351

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Multi protection formula

Enzyme LP3 Complex for dry mouth

Promotes healing of bleeding gums and

irritation

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Crosstex - Hand Specific Nitrile Gloves

Powder free

Ergonomic full range of motion

Durable & Puncture resistance

Correct shape = blood flow = minimize fatigue

Exceptional fit and feel – sizes 6-8.5

Crosstex - Ultra Sensitive Mask

Void of Inks, dyes & chemicals

Inner lining won't tear, lint or shred

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Adjustable back support 1-866-DTE-INFO (383-4636)

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LOOPS !

MUST HAVE – MUST WEAR

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Peri Optix / Orascope

Additional Testing

Microbiology & Genetic Testing - Test for specific perio pathogens:

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OralDNA labs - (877)577-9055

Scottsdale, AZ

Nashville, TN

Microbiology Testing - The diagnostic test of the new millennium!

DNA-PCR: Polymerase chain reaction (PCR) uses DNA from bacteria to provide information about the pathogenic bacteria found in the oral environment and about the genetic susceptibility traits.

Oratec - BANA Test - Chairside Test for Periodontal Risk & Malodor

Inexpensive, easy to use (5min)

Highly sensitive for Treponema denticola, Porphyromonas gingivalis and Bacteroides forsythus – (Socransky & Haffajee)

Test for Malodor and/or Periodontal Disease