



**Simplifying The Medically Complex Patient  
Randy F. Huffines, DDS, FRCSEd**

*Attendees will be given a password at the presentation to access pertinent journal articles and other documents*

## **Simplifying the Medically Complex Patient NCDS Myrtle Beach 2019**

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More resources and patient handouts available at [www.geriatricdentistry.com](http://www.geriatricdentistry.com)

Password: \_\_\_\_\_

*Dr. Huffines has no financial interest in any of the products or companies listed below*

### **Almore International Inc.**

*Soft Lining Trimmer*  
800-547-1511  
[www.almore.com](http://www.almore.com)

### **American Dental Association**

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*Fluoride Recommendations*  
[www.ada.org](http://www.ada.org)

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### **Axis Dental Corporation**

*Pointed football diamond:*  
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800-355-5063  
[www.axisdental.com](http://www.axisdental.com)

### **BC Decker**

*Clinician's Guide To Treatment Of Medically Complex Dental Patients*  
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Get from a local medical supply house or home health supply house  
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Search amazon.com  
"Global 60cc syringe"  
\$16.95/box of 25

### **Bisco, Inc**

*Select HV etch*  
800-247-3368  
[www.bisco.com](http://www.bisco.com)

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*Bone removal:*  
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  H77E-023  
  H251E-060  
*Spiral finishing burs:*  
  H48L.31.010  
  H48L.31.012  
800-841-4522  
[www.brasselerusa.com](http://www.brasselerusa.com)

### **CAMBRA guidelines**

*Caries risk assessment and management protocols*  
[www.cdafoundation.org](http://www.cdafoundation.org)  
[www.geriatricdentistry.com](http://www.geriatricdentistry.com)

### **CAMBRA guidelines**

*Caries risk assessment and management protocols*  
[www.cdafoundation.org](http://www.cdafoundation.org)  
[www.geriatricdentistry.com](http://www.geriatricdentistry.com)

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**Pharmaceuticals**  
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800-226-4283  
[www.colgateprofessional.com](http://www.colgateprofessional.com)

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*ActCel hemostatic gauze*  
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**Crosstex International**

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*Perio /implant best for older  
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[www.colliscurve.com](http://www.colliscurve.com)

**Crescent Products**

*Headrest, backrest  
Knee support  
(also sold by Practicon)*  
800-989-8085  
[www.crescentproducts.com](http://www.crescentproducts.com)

**Dedeco**

*Dia-Dome Sanding caps  
Brown Midgets:*  
*RA mini 4840  
FG mini 4870*  
845-887-4840  
[www.dedeco.com](http://www.dedeco.com)

**Dentek**

*OraMoist patch*  
800-433-6835  
888-218-4595 Canada  
[www.dentek.com](http://www.dentek.com)

**Dentsply International**

*NUPRO White Varnish  
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Lynal tissue conditioner  
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**Elsevier Publishing**

**Saunders/Mosby/ Churchill**  
*Dental Management of the  
Medically Compromised  
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**Garrison Dental Solutions**

*BlueView Cervical Matrices*  
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Fuji Automix LC  
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Fuji Triage pink  
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Saliva-Check Buffer  
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MI Paste  
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MI Varnish  
Dry Mouth Gel  
Coe-Soft  
GC Reline (hard)  
GC Reline (soft)  
STO-K edentulous trays  
GCLT Lab Putty#138304  
800-323-7063  
[www.gcamerica.com](http://www.gcamerica.com)*

**GlaxoSmithKline**

*Dry Mouth Products:*  
*Biotene Mouthwash,  
Oralbalance Gel  
Biotene Spray  
Sensodyne Proenamel*  
800-652-5625  
[www.dental-professional.com](http://www.dental-professional.com)

**Hershey Company**

*Ice Cubes gum  
(1.1mg xylitol/cube)*  
Find in local stores  
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**Hu-Friedy**

#17 explorer (root caries)  
Back action amalgam  
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mirror MIR5DS  
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[www.hu-friedy.com](http://www.hu-friedy.com)

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[www.ivoclarvivadent.us.com](http://www.ivoclarvivadent.us.com)

**Karl Schumacher Dental  
Instruments**

302,333 forceps  
Small Straight Proximotor  
Large Straight Proximotor  
Molt Curette #2  
800-523-2427  
[www.karlschumacher.com](http://www.karlschumacher.com)

**Kerr Dental**

TempBond Clear #33351  
Alginator 25226  
Alginate spatula 25234  
Alginate bowl grey 25236  
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800-537-7123  
[www.kerrdental.com](http://www.kerrdental.com)

**Kilgore International Inc.**

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**Lexi-Comp Publishing**

Drug Information Handbook  
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products  
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[www.lexi.com](http://www.lexi.com)

**LifeScience Plus**

Hemostatic gauzes:  
Blood STOP  
Blood STOP iX  
877-587-5433  
[www.lifescienceplus.com](http://www.lifescienceplus.com)

**Lippincott/Williams**

**/Wilkins Publishing**  
The Medical History  
Lippincott's Dental Drug  
Reference  
800-638-3030  
[www.lww.com](http://www.lww.com)

**Medical Products**

**Laboratories, Inc.**  
VarnishAmerica Original  
VarnishAmerica White  
800-523-0191  
[www.medicalproductslaboratories.com](http://www.medicalproductslaboratories.com)

**Medicom Inc.**

Duraflor Varnish  
800-308-6589  
[www.medicom.com](http://www.medicom.com)

**North Coast Medical**

Foam tubing:  
Small for proxybrush:  
NC35013  
Large for toothbrush:  
NC35014  
Suction Nail brush:  
NC28224  
800-821-9319  
[www.ncmedical.com](http://www.ncmedical.com)

**OraCoat**

XyliMelts disks  
877-672-6541  
[www.oracoat.com](http://www.oracoat.com)

**Oral Care Technologies**

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**Parkell Inc.**

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**Sabra Dental Products**  
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www.septodontusa.com  
<http://www.septodontusa.com>

**Special Care Dentistry**  
*American Society for*  
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*Academy of Dentistry for*  
*Persons with Disabilities*  
*American Association of*  
*Hospital Dentists*  
[www.scdonline.org](http://www.scdonline.org)

**Specialized Care**  
*Open Wide mouth prop*  
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800-722-7375  
[www.specializedcare.com](http://www.specializedcare.com)

**Sterngold**  
*EZ PickUp #220237*  
*(material, tips, & "varnish")*  
800-722-7375  
[www.specializedcare.com](http://www.specializedcare.com)

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*0.80" thick #100-4239EZ*  
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*Mirror #6 100-7410*  
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[www.sullivanschein.com](http://www.sullivanschein.com)  
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*Pareox alcohol free*  
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800.528.8537  
[www.jbutler.com](http://www.jbutler.com)

**Tokuyama America Inc**  
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[www.tokuyama-us.com](http://www.tokuyama-us.com)

**Trademark Medical**  
*Plak-Vac suction toothbrush*  
800-241-1255  
[www.trademarkmedical.com](http://www.trademarkmedical.com)

**Ultradent Products, Inc.**  
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888-230-1420  
[www.ultradent.com](http://www.ultradent.com)

**US Air Force**  
**Dental Evaluation and**  
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Google for current website

**Waterpik**  
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800-525-2020  
[www.waterpik.com/oral-health](http://www.waterpik.com/oral-health)

[www.xylitolnow.com](http://www.xylitolnow.com)  
*Online xylitol products*

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[www.xylitolinfo.com](http://www.xylitolinfo.com)

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[www.zenithdmg.com](http://www.zenithdmg.com)

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*Locator attachment (original)*  
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*Denture removal tool*  
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[www.zestanchors.com](http://www.zestanchors.com)

**Zimmer Dental**  
*CollaPlug*  
800-854-7019  
[www.sulzerdental.com](http://www.sulzerdental.com)

**Zoll-Dental**  
*Miller #64 bone file*  
*Miller-Colburn #3x bone file*  
847.647.1819  
[www.zolldental.com](http://www.zolldental.com)

# **Older and Medically Complex Patients:**

## **Can our practice do better?**

What do you think is the overall attitude in your practice towards older patients?

Is there anyone with a negative attitude?

Is there someone who is particularly good with older patients?

Do you think older patients feel welcome at your practice?

Why?

Why not?

Do you have a mechanism to find out about the medical conditions or disabilities of first time patients before their first appointment? If yes what is it?

How do you find out what medications patients take?

How do you evaluate whether those medications will impact treatment or your choice of medication use?

How do you update medical and medication changes from appointment to appointment?

What resources do you use to find out about the dental implications of the medical conditions your patients have?

When necessary how do you interact with the patient's MD or other health care professionals?

Is your patient education literature and marketing materials appropriate for those who are older or have visual impairments?

What do you do to optimize communication with the hearing impaired?

How well can people with mobility problems negotiate your:

Parking lot?

Reception area?

Bathrooms?

Treatment areas?

How do you instill confidence in the patients you treat?

# ANTIFUNGALS FOR OROPHARYNGEAL CANDIDIASIS

**Randy F. Huffines, DDS, FRCSEd**

## General Considerations

Candida is a normal part of the oral flora in 50% of the population

**Most important question:** why has overgrowth occurred?

Common precipitating factors - reduction in salivary flow, trauma, inadequate denture hygiene, recent antibiotic therapy, immunocompromise, chemotherapy, steroids, radiation treatments

Removable dentures must be removed and treated since their tissue surfaces are ideal for *Candida*

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## TOPICAL AGENTS

### NYSTATIN (*Mycostatin*)

Topical only, not absorbed, no drug interactions

Solution - 100,000 U/ml Swish 5ml QID for > 1 minute, then swallow or spit out depending on pharyngeal involvement. Use for 14 days. Remove dentures prior to use and clean them. Nystatin is very bitter so solution is 50% sucrose (cariogenic).

Pastille - 200,000 U Let 1-2 dissolve in mouth 5x/day. Clean and/or remove denture first.

Ointment and cream - Dispense 30g tube. The cream or ointment can be used on the tissue side of removable dentures QID. Cream is white so is easier to see. For angular cheilitis apply nystatin cream or ointment or Mycolog II (Nystatin and triamcinolone) to corners of mouth QID. If cheilitis does not respond may be Staph infection- use Neosporin

### CLOTRIMAZOLE (*Mycelex*)

10mg troche has minimal systemic uptake so does nothing if patient just swallows the lozenge

Binds to oral mucosa. Contains dextrose

Dissolve 1 lozenge in mouth 5x/day for 10 days. Xerostomias may have trouble dissolving.

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## SYSTEMIC AGENTS

### FLUCONAZOLE (*Diflucan*)

Loading dose of 200mg first day, then 100mg qd for 7-14 days.

Supplied in 50, 100, 200mg tablets and oral suspension 10mg/ml and 40mg/ml.

>90% oral absorption, peak serum concentration in 2 - 4 hours.

Half-life is 25-30 hours with normal renal function, use with caution in patients with renal or hepatic dysfunction.

Hemodialysis for 3 hours reduces plasma levels by 50%

Headache is most common side effect.

Rare cases of hepatic toxicity and exfoliative skin disorders.

Drug interactions - phenytoin, cyclosporine, theophylline, coumarin-type anticoagulants, oral hypoglycemics, cimetidine, thiazide, diuretics, some benzodiazepines.