

# Digital Subtraction Radiographs



**Investment: cost & training**

Subtraction result showing angular bone resorption (arrow).

# Problems with Technology

- Technology changes rapidly
- Many times there is a considerable cost investment
- Many times there is a considerable training time investment

# Visions

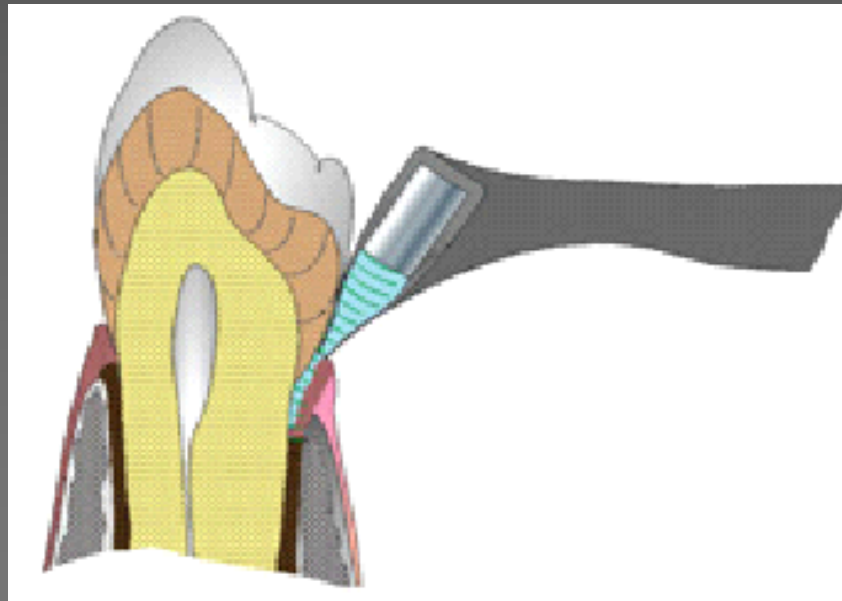
## FUTURISTIC VISTAS



-Jill Rethman, RDH, BA

# Ultrasonography for probing

- Non-invasive, accurate



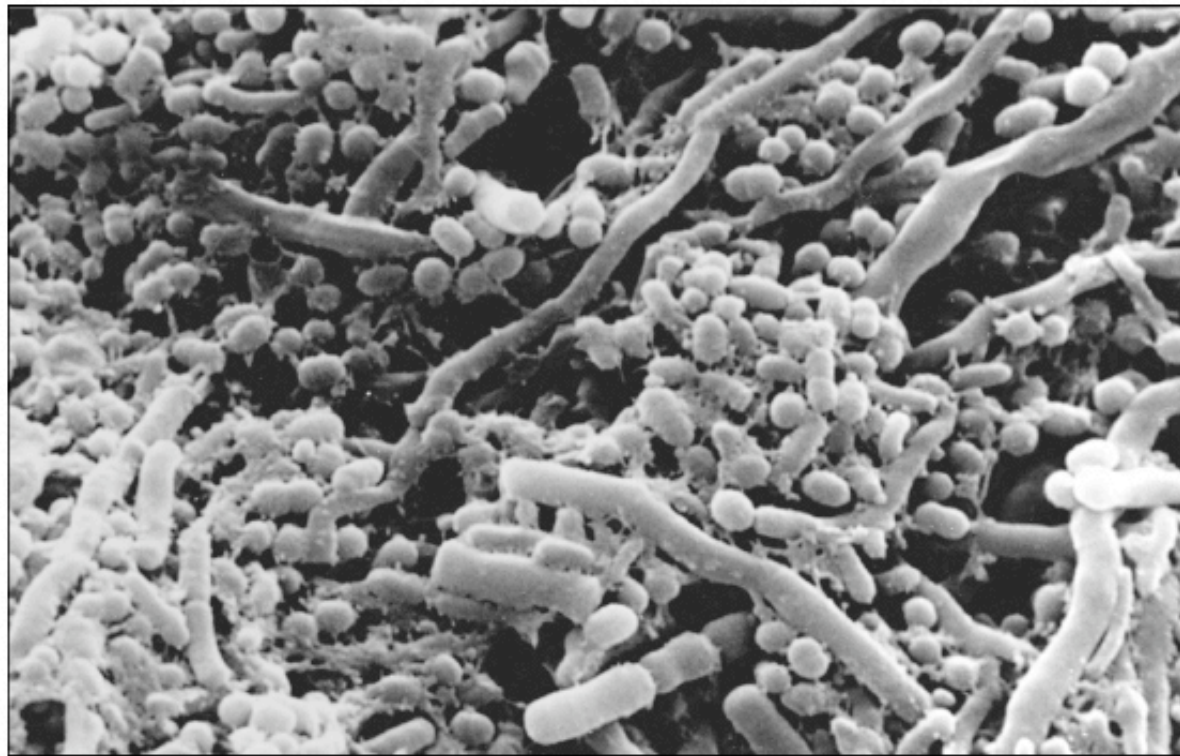
Gayle B. McCombs, RDH, MS  
Mark Hinders, BS,MS, PhD

# PerioScan by Sirona

- Ultrasonic scaler that detects calculus
  - Lights up blue for calculus, green for root surface

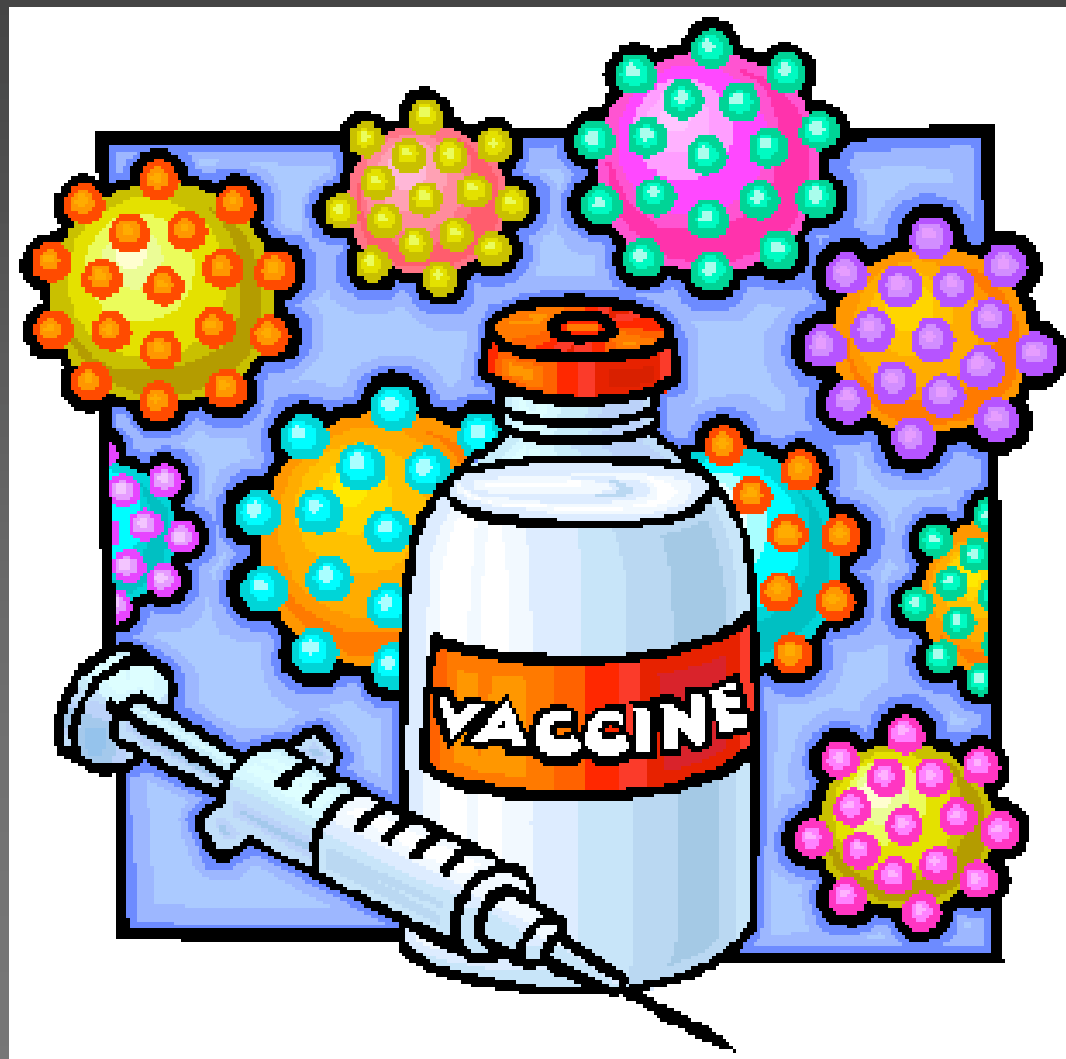


# Salivary diagnosis



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# Periodontitis vaccine



# Gene therapy



Journal of Contemporary Dental Practice  
[www.thejcdp.com](http://www.thejcdp.com)

# In Summary



# Dental Websites

- Western Society of Periodontology [www.wsperio.org/](http://www.wsperio.org/)
- American Dental Hygiene Association [www.adha.org](http://www.adha.org)
- American Dental Association [www.ada.org](http://www.ada.org)
- American Academy of Periodontology [www.perio.org](http://www.perio.org)
- Periodontics Information Center (UCLA) [www.dent.ucla.edu/pic/](http://www.dent.ucla.edu/pic/)
- Dental Hygiene Education (tons of dental links) [www.dhed.net/dlinks/htm](http://www.dhed.net/dlinks/htm)
- Hygienetown (hygiene site, surveys) [www.hygienetown.com/](http://www.hygienetown.com/)
- Dentaltown (dental site, surveys) [www.dental town.com/](http://www.dental town.com/)
- DrugInfonet (information on diseases and drugs) [www.druginfonet.com/](http://www.druginfonet.com/)
- Crest (foreign language dental handouts) [www.dentalcare.com/drn.htm](http://www.dentalcare.com/drn.htm)
- PubMed (very complete literature searches) [www.ncbi.nlm.nih.gov/entrez/query.fcgi](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi)
- National of Institute of Dental and Craniofacial Research [www.nidcr.nih.gov](http://www.nidcr.nih.gov)
- Dimensions Magazine (expert hygiene info) [www.dimensionsindentalhygiene.com](http://www.dimensionsindentalhygiene.com)



# Dental Websites

Bureau of Labor Statistics (*Dental Hygiene outlook*)

Periowave (*photodynamic disinfection*)

PreViser (*computer diagnostic tool*)

Perioscan (*calculus detector + ultrasonic scaler*)

Perio Protect (*tray delivery antimicrobial medication*)

Academy of Laser Dentistry

Advanced Laser Hygiene

Brasseler Varios Piezo Ultrasonic Scaler

Satelec Piezo Ultrasonic Scaler

Cavitron Magnetostrictive Ultrasonic Scaler

Cochran Search Site

International Association for Dental Research

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

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

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

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

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

[www.laserdentistry.org](http://www.laserdentistry.org)

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

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

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

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

[www.Cochran.org](http://www.Cochran.org)

[www.dentalresearch.org](http://www.dentalresearch.org)

# In Summary

- Always start with the basics
- An active member of a disease treatment team
- Periodontal treatment and dentistry offer patients more choices than ever

# In Summary

- Use evidence and clinical experience
- Site specific disease and treatment
- Treat patients not pockets

# In Summary

**Your patient may not always care how much you know, but will always want to know how much you care.**