

특강 I (Special Lecture I)

**The New Role of Medicine in the
Management of Periodontal Disease**

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Throughout the 20th century, tremendous progress has been made in the medical model of periodontal disease treatment. Beginning with the use of antimicrobial agents in rinses in 1900, there have been striking advances over the century in a medical approach to disease prevention and treatment. This presentation will cover the introduction in 1945 and subsequent development of antibiotics and look at current use of systemic antibiotics in periodontology. This presentation will then cover the introduction of host-modulating agents in 1973 and cover in detail the current concepts in host modulating agents for disease management. Then this presentation will examine in depth the use of antimicrobials, delivered locally to the periodontal pocket, for disease management. Last, this presentation will examine the role of biological mediators such as growth factors in wound healing and periodontal regeneration.

In looking back, it is clear that dentistry may look ahead with eagerness to the role of a medical approach to periodontal disease management. This progress in a medical model, coupled with similar progress in a mechanical / surgical model of treating periodontitis, suggests that an exciting new era has arrived for the prevention and treatment of a ubiquitous disease.

Major Teaching and Administrative Responsibilities:

- 1964-66 Teaching Assistant, Samford University
- 1973-75 Coordinator, Freshman Preventive Dentistry Program, Harvard School of Dental Medicine
- 1974-76 Director, Predoctoral Periodontology, Harvard School of Dental Medicine
- 1976-81 Coordinator, Postdoctoral Periodontology, Harvard School of Dental Medicine
- 1979-84 Director, Preventive Dentistry, Harvard School of Dental Medicine
- 1981-94 Program Director, Postdoctoral Periodontology, Harvard School of Dental Medicine
- 1994- Program Director, Graduate Periodontology, University of North Carolina

Principal Clinical and Hospital Service Responsibilities

- 1974-94 Periodontist, Harvard Faculty Group Practice, Harvard School of Dental Medicine

1994 - Periodontist, Dental Faculty Practice, University of North Carolina at Chapel Hill

Major Administrative Responsibilities

- 1981-94 Program Director, Graduate Periodontology, Harvard School of Dental Medicine
- 1982-83 Acting Head, Department of Periodontology, Harvard School of Dental Medicine
- 1983-94 Head, Department of Periodontology, Harvard School of Dental Medicine
- 1988-89 Director of Postdoctoral Education, Harvard School of Dental Medicine
- 1989-94 Associate Dean for Postdoctoral Education, Harvard School of Dental Medicine
- 1994- Chairman, Department of Periodontology, University of North Carolina
- 1994- Program Director, Graduate Periodontology, University of North Carolina

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