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# Merrill A. Biel, M.D., Ph.D.

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**Ear, Nose and Throat Specialty Care of Minnesota  
Otolaryngologist - Head and Neck Surgical Oncologist  
Virginia Piper Cancer Institute at Abbott-Northwestern Hospital in Minneapolis  
Medical Director of Head and Neck Oncology  
University of Minnesota, Schools of Veterinary Medicine and Dentistry  
Professor in the Departments of Surgery, Otolaryngology, and Family Practice**



Dr. Merrill Biel is an Otolaryngologist - Head and Neck Surgical Oncologist at Ear, Nose and Throat Specialty Care of Minnesota and Medical Director of Head and Neck Oncology at the Virginia Piper Cancer Institute at Abbott-Northwestern Hospital in Minneapolis. He is a Professor in the Departments of Surgery, Otolaryngology, Family Practice and in the Schools of Veterinary Medicine and Dentistry at the University of Minnesota.

Dr. Biel has been involved in the preclinical and clinical applications of photodynamic therapy in head and neck cancer and antimicrobial treatments since 1987. He has been a principal investigator on an international multi-institutional trial of photodynamic therapy in the treatment of head and neck cancer and has treated over 450 patients with head and neck cancer using PDT. He is considered a leading expert in the clinical use of photodynamic therapy for cancer treatment and is actively involved in the preclinical and clinical evaluation of new photosensitizers for the treatment of head and neck cancers.

Dr. Biel has published over 70 manuscripts and 7 book chapters on pre-clinical and clinical applications of photodynamic therapy using various photosensitizers and laser systems and is the editor of a book entitled "Photodynamic Therapy of Head and Neck Diseases". He has been a course director and guest faculty at numerous PDT training programs for physicians.