

BRIAN SIMPSON, D.M.D. AND BRIAN BOVINO, D.M.D.

DIPLOMATES OF THE AMERICAN BOARD OF ORAL & MAXILLOFACIAL SURGERY

113 NORTH MIDDLETOWN ROAD NANUET, NY 10954 (845) 623-3497 FAX (845) 623-4039 office@drbriansimpson.com

Antibiotic Prescribing by Dentists has Increased Why?

The discovery and use of antibiotics has averted many deaths, transformed medical practice, and provided tools to public health for communicable disease control. Today, the gains are at risk of being reversed, owing to natural selection for resistant bacteria. With few immediate prospects of new antibiotic classes, investigators should focus attention on preserving the value of antibiotics currently in use through active surveillance and antimicrobial stewardship.

The authors obtained anonymized, line-listed data on outpatient prescriptions from 1996—2013 from a centralized, population-based prescription database, including a variable coding prescriber licensing body.

From 1996—2013, overall antibiotic use declined from 18.24 DID (defined daily doses per 1,000 inhabitants per day) to 15.91 DID, and physician prescribing declined 18.2%, from 17.25 DID to 14.11 DID. However, dental prescribing increased 62.2%, from 0.98

DID to 1.59 DID, and its proportionate contribution increased from 6.7% to 11.3% of antibiotic prescriptions. The rate of prescribing increased the most for dental patients 60 years or older.

Communication for dentists in Canada and the United States identified the following explanatory themes: unnecessary prescriptions for periapical abscesses and irreversible pulpitis; increased prescribing associated with dental implants and their complications; slow adoption of

guidelines calling for less perioperative antibiotic coverage for patients with valvular heart disease and prosthetic joints; emphasis on cosmetic practices reducing the surgical skill set of average dentists; underinsurance practices driving antibiotics to be a substitute for surgery; the aging population; and more dental registrants per capita.

JADA 2016: 147(5):320-327

DENTAL FUN FACT

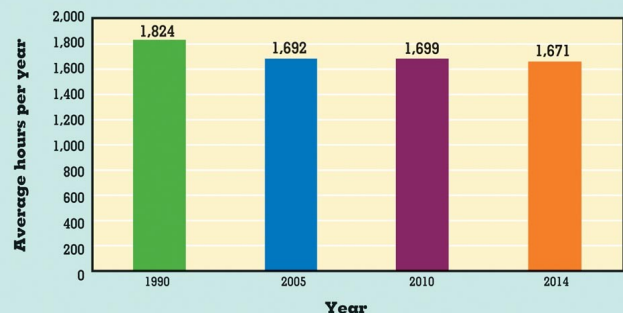
In China, they celebrate national “Love Your Teeth Day” on September 20th.



NEWS YOU CAN USE

Average hours per year in the dental office

Solo general practitioners in private practice spent an average of 1,671 hours per year in their practices in 2014, a decline since 1990.



Source: American Dental Association, ADA Health Policy Institute, 2014 “Characteristics of Private Dental Practices” report. Available from ADA.org/en/science-research/health-policy-institute/data-center/dental-practice.

Dr. Brian Simpson

**announces the twenty seventh meeting of the
NANUET IMPLANT STUDY GROUP**

**Speaker: Mnesha Patel, PharmD
Integrated Pharmacy Specials, LLC**

“Bisphosphonates and Osteonecrosis”

Tuesday, September 13, 2016

Dinner: 6:30

Presentation: 7:00 — 8:30 PM

Hudson House 134 Main Street Nyack, NY

2 CE credits awarded by the Ninth District Dental Association

Cost: \$50.00

**To register, call: 845-623-3497
or email: office@drbriansimpson.com**

*“What you do today can improve your tomorrows.”
- Ralph Marston*

