resides in Alameda, CA with his wife. His interests include photography. The photo was taken with a Panasonic Lumix DMC ZS19 and has not been retouched.

12 Analysis of Nitral Valve Replacement Outcomes is Enhanced by Meaningful Clinical Use of Electronic Health Records, John C. Chen, MD, Thomas Nowak, MD, Jeffrey Johnstoney, APRN, Yuen Chen, MA, Mary-Lou Kiley, MBA, Richard Richter, MD, Ilene Lee, MD.

Patients in the Apollo database (3113) undertook 3180 nitral valve proce-dures. 1160 mechanical valve replacements, 1159 tissue valve replacements, and 861 annuloplasties. Electronic health records were searched to ascertain demographics, comorbidities, and postoperative complica-tions. The study determined risk factors for increased 10 year mortality: tissue valve implanta-tion; advanced age; female sex; nonselective, nonisolated procedure; diabetes; postoperative use of banked blood products; previous cardiovascular interven-tion; diabetes; and longer perioperative time.

17 Perforation Following Colorectal Endoscopy: What Happens Beyond the Endoscope? Michael S. Tien, MD, Master M. Amin, MD, FACS, FASCRS, Gary D. Friedman, MD, MS; Natalia Udaltsova, PhD; Arthur K. Kiel, MD.

In a retrospective review over 16 years at a single tertiary care institution of 12,250 colorectal endoscopies, 26 patients (0.2%) had a perforation. The right-sided colon was the most common site of perforation (65%). Of the perfora-tions, 38% were recognized at the time of procedure, 31% presented within 24 hours, and 37% presented beyond 24 hours. Operative repair was undertaken in 85% of the patients. Perforation following colorectal endoscopy was uncommon in this study but was associated with significant morbidity and mortality.

23 Predictors of Lung Cancer: Noteworthy Cell Type Differences, El Nicole Tran, MD, PhD; Van Li, MD, PhD; Truong Nho, MD; David Baer, MD; Gary D. Friedman, MD, MS; Natalia Udaltsova, PhD; Arthur K. Kiel, MD.

In this cohort study of 136,265 persons with 1852 persons with incident cancer, smoking 1 or more cigarette packs per day was a powerful predictor (p < 0.001) of all cell types, with hazard ratios rang-ing from 5.8 for bronchioloalveolar to 62.7 for squamous cell carcinoma. Other predictors with noteworthy disparities between cell types included: women, blacks or Asians vs whites, and heavy alcohol intake; and smoking cessation. Cell-ular graduation and increasing body mass index were minimally related to risk of several cell types.

31 Trends in Influenza Vaccine Coverage in Pregnant Women, 2000 to 2012. Michelle Heneghan, PhD, Bradley Crane, MD, Allison Nalamo, PhD.

This retrospective cohort study of 10,145 pregnant women noted seasonal influenza vaccine coverage increased from 38% to 63% between the 2006-2009 and 2010-2011 seasons and then dropped to 61% in 2011-2012. Vaccine coverage was higher in women considered at high risk of influenza complications, increasing from 43% in 2008-2009 to 74% in 2010-2011, before decreasing to 69% in 2011-2012. HTIV vaccine coverage was greater than seasonal influenza coverage. The authors observed statistically significant differences in vaccination rates by trimester, gestational age, maternal age, and race/ethnicity.

27 Epidemiology of Diabetic Foot Infections in an Eastern Caribbean Population: A Prospective Study, Sharul Islam, MBBS; David Hamamoto, FRCS; Shere C. Cawich, DTM; Steve Budhram, FRCS; Vinod Bhwb, MBBS; Vijay Maharaj, MBBS; Sherly Remedays, MBBS; Cheryl Aziz, MBBS; Vijay Navaranig, MBBS.

Of all patients with diabetic foot infections who were admitted to tertiary care hospitals (446) from July 2011 to June 2012, 75% had Type 2 diabetes (93.3%). Despite most patients claiming compli-ance with treatment, 75% had dioculated hemoglobin levels above 7.1%, and 48.3% continued unhealthy Habits. Only 57.4% of patients reported ever being counseled or taught about foot care by medical personnel.

41 Preoperative Pain Intensity and Chronicity and Postoperative Pain and Physical Functioning Markers of Length of Stay in Patients Undergoing Spinal Fusion, Kevin Douglas Watts, Mohammed Sami Wasif, MD, PhD; Joham Robinson, MD.

The authors studied preoperative pain intensity and chronicity, and the amount of postoperative analgesia as a marker of length of stay (LOS) in patients undergo-ing spinal fusion, cervico or lumbar fusions. Postoperative analgesia was determined using the Chronic Pain Questionnaire. The authors noted a significant correlation between LOS and surgical site. It showed no significance between LOS and the dependent variable and postoperative pain parameters. Postoperative morphine per kilogram, sex, or age as predictors.
Adverse Childhood Experiences and Adult Criminality: How Long Must We Live before We Possess Our Own Lives?
James A Reavis, PsyD; Jan Looman, PhD; Kristina A Franco; Briana Rojas
Subjects (151) from 4 different offender groups (nonsexual child abusers, domestic violence offenders, sexual offenders, and stalkers) referred for treatment at an outpatient clinic in San Diego, CA, after conviction in criminal court, completed the ACE Questionnaire. The offender group reported nearly 4 times as many adverse events in childhood than an adult male normative sample. In addition, convicted sexual offenders and child abusers were more likely to report experiencing sexual abuse in childhood than other offender types.

Special Report
67 Understanding the Social Factors That Contribute to Diabetes: A Means to Informing Health Care and Social Policies for the Chronically Ill. Jacqueline Hill, MPH; Marcia Nielsen, PhD, MPH; Michael H Fox, ScD
Social determinants of health are increasingly being recognized for their relationship to the soaring incidence of Type 2 diabetes in the US. Interventions focus on biologic and behavioral factors, such as symptoms, diet, and physical activity. It is equally important to consider the influence of physical and social environments on health outcomes: low income, employment insecurity, low educational attainment, and poor living conditions. The Patient Protection and Affordable Care Act of 2010 offers an opportunity to improve data collection and policy development.

Special Report
73 Disclosing Medical Mistakes: A Communication Management Plan for Physicians. Sandra Petronino, PhD; Alexia Torke, MD, MS; Gabriel Bosslet, MD, MA; Steven Isenberg, MD; Lucia Wocial, RN, PhD; Paul R Helft, MD
There is a growing consensus that disclosure of medical mistakes is ethically and legally appropriate. This discussion proposes a theoretically based, streamlined, two-step plan that physicians can use as an initial guide for conversations with patients about medical mistakes: 1) physician preparation, such as talking about the physician’s emotions and seeking information about the mistake, and 2) use of mistake disclosure strategies that protect the physician-patient relationship. These include optimal timing, context of disclosure delivery, the content of mistake messages, sequencing, and apology.

Clinical Medicine
84 ECG Diagnosis: Apical Hypertrophic Cardiomyopathy. Joel T Levis, MD, PhD, FACEP, FAAEM
Apical hypertrophic cardiomyopathy (HCM) is an atypical phenotype of nonobstructive HCM with an indistinguishable histology. In Japan this apical variant constitutes approximately 25% of patients with HCM. Electrocardiogram typically shows repolarization changes and giant (>10 mm), inverted T waves in the anterolateral leads. Transthoracic echocardiography is the initial test of choice in making the diagnosis.

Case Studies
85 Propofol-Related Infusion Syndrome: Role of Propofol in Medical Complications of Sedated Critical Care Patients. Talha H Imam, MD
Use of propofol has increased manifold over the last decade, most commonly in intensive care settings, in patients critically ill or injured requiring prolonged sedation. Most of the deaths reported were at propofol levels greater than 4 mg/kg/hour, and many of these for greater than 48 hours. Metabolic acidosis is among the earliest signs and can occur within hours. Adequate carbohydrate intake will prevent the body from switching to fat metabolism.

Soul of the Healer
22 “Fourteener” Brad Christian McDowell, MD

“Medicine Man” Mas Yamakana, MD

49 “Propofol Dreams” Kyle Tamber

60 “Pangong Tso” Nandini Bakshi, MD

Review Article
80 A Clinician’s Guide to the Diagnosis and Management of Gallbladder Volvulus. Brian J Potter, MD; Leonardo Alfano; Harris W Hollis, MD
Gallbladder volvulus (GV), or torsion of the gallbladder, is an uncommon surgical emergency. This article reviews the world literature related to GV. Lists of typical symptoms and clinical presentations are provided to allow clinicians to establish an accurate preoperative diagnosis. GV is frequently undiagnosed before surgical intervention. When the diagnosis has been established before operative intervention, expeditious laparoscopic cholecystectomy can be performed safely. Delays in diagnosis may mandate open cholecystectomy.

Case Studies
Allergic Bronchopulmonary Aspergillosis Presenting as Chronic Cough in an Elderly Woman Without Previously Documented Asthma. Richard Roth, MD; Michael Schatz, MD

This is a case report from a specialist point of view that includes a comprehensive review of the clinical course pre- and postconsultation along with a brief but pertinent review of the literature as it relates to this particular unusual and protracted case, which was ultimately successfully diagnosed and treated.

Book Review
Getting Past Your Past: Take Control of Your Life with Self-Help Techniques from EMDR Therapy. Review by Susan Brown, LCSW, BCD
Available at: www.thepermanentejournal.org/issues/2013/spring.html