ORIGINAL ARTICLES
2007 James A Volf Award for Quality—Multiregion
12 The Kaiser Permanente National Total Joint Replacement Registry. Elizabeth W Parkin, MA, Maria Inacio, CTSA, Tamara Slepchons, PhD, Donald C Fithian, MD
As of March 31, 2007, the Total Joint Replacement Registry recorded 2,049 primary total hip arthroplasties (THA) and 2,144 revisions (12.1%) and 30,075 total knee arthroplasties (TKA) and 1,794 revisions (5.8%). Statistically significant findings include: older age and higher American Society of Anesthesiology risk scores for revision THAs. Osteoarthritis is the most common diagnosis for THA and TKA, and aseptic loosening and instability are most common in revision THAs and TKAs.

17 Incidence Rate of Anterior Cruciate Ligament Reconstructions. Rick P Carswell, MD, Mark C Frei- cco, MS, Tadashi T Funahashi, MD
In a retrospective analysis of 4,835 anterior cruciate ligament reconstructions, the incidence rate rose significantly in females, especially ages 14 to 17 and 45 to 49. Previous US studies of only elite athlete populations lack the ethnoracial/ethnic diversity of the Kaiser Permanente patient population.

22 Computed Tomography Findings of Unanticipated Prolonged Ileocolic Intussusception in Children. Cleon Pauropor, MD, Steven L Lue, MD, FACTS, FAAP, Gary Radner, MD, Peter T Tai, MD, Douglas S Katz, MD, Maher A Ailks, MD, FACTS, Leopoldo A Aragon, MD
Attempted nonsurgical reduction of ileocolic intussusception after 6 hours is contraindicated because of the low probability of reduction and increased risk of perforation. CT findings of bowel-wall edema of the intussusception and partial small bowel obstruction were associated with surgery in intussusceptions that were not reducible or difficult to reduce.

25 A 36-Hour Hospital and Time-motion Study: How Do Medical-Surgical Nurses Spend Their Time? Ann Hendrich, RN, MSN, FAAN, Marilyn P Chew, DNSc, RN, FAAN, Boguslaw A Skierczynski, PhD, Zhongqiang Liu, PhD
In the first hospital environmental study to quantify how nurses spend their time, 707 nurses were randomized to two protocols at 36 hospital medical-surgical units within 17 health care systems and 15 states. Whereas, documentation consumed most nursing practice time (15.4%), followed by medication administration (12.7%), and patient care activities (10.5%), patient care activities only accounted for 3.5%.

36 Weight Loss and Psychologic Gain in Obese Women—Participants in a Supported Exercise Intervention. James A Minore, PM, Ann C Whitaker, RD, LD, CDE
A randomized trial of a behaviorally based exercise support protocol, The Couch Approach—with and without a group-based nutrition education program—significantly lowered exercise dropout rates and improved attendance rates (which was significantly associated with reduction in body fat and BMI). Psychologic improvements were even more pronounced than the decreases in body fat and BMI.

Books published by Permanente authors:

Practical Solutions for Job Stress
By Jack Boghesian, PhD
Oregon: Creek Publishing; 2004
ISBN-10: 0970834519
Paperback: $14.95

Ending the Tobacco Holocaust: How Big Tobacco Affects Our Health, Pocketbook, and Political Freedom—and What We Can Do About It
By Michael Rabinoff, MD
Santa Rosa (CA): Elite Books; 2006
ISBN-10: 1600700128
Hardcover: $24.95

This is Yosemite Valley: An introduction to Yosemite National Park
By J Richard Guild, with drawings by Tim Kain
Pacific Grove (CA): Elite Books; 2007
Paperback: 45 p; $11.95
Where Do Teens Go to Get the 411 on Sexual Health? A Teen Intern in Clinical Research with Teens.
Yana Reznik; Kathleen Tebb, PhD
Teens who perceived that their clinician communicated with respect, explained information in ways that they could understand, and had time alone (confidentiality) with a clinician who asked about sex (at least for males) were more likely to cite their clinician as a source of sexual health information.

Commentary
54 The Herbal Pharmacy Marketplace.
Tieraona Low Dog, MD

CASE STUDIES
59 Hyperthyroid-Induced Cardiomyopathy in an Adolescent.
Peter N Mattar, MD, MPH; Eugene Y Hwang, MD
Presented with vague symptoms of palpitations, headaches, lower-extremity swelling, and dyspnea on exertion, a girl, age 11 years, was found to have congestive heart failure secondary to hyperthyroidism.

CLINICAL MEDICINE
Stephen T Magill
Through an in-depth ethnographic history the medical student author sees his Latino patients as a product of a defunct health care system, which misses its goal in name and function. The stories that emerge bring deep understanding necessary for diagnosis and treatment.

65 Image Diagnosis: Appendicitis and Appendicolith.
Gus M Garvel, MD, FACEP, FAAEM
The images from a Computed Tomography scan with oral and IV contrast demonstrates a large, distended tubular structure in the right lower abdomen consistent with an inflamed appendix and an appendicolith within the center.

Corridor Consult
67 Do Patients Understand?
Suzanne Graham, RN, PhD; John Brokey, MD
Limited literacy skills are one of the strongest predictors of poor health outcomes for patients; however, patients do not need to have limited literacy skills to have low health literacy.

70 A Clinical Communication Strategy to Enhance Effectiveness and CAHPS Scores: The ALERT Model.
James T Hardie, MD; Ilene K Kasper, MS
The US Agency for Healthcare Research and Quality surveys patients and rates health plans on metrics, including four questions assessing the patients impression of the physicians communication skills—listened carefully, explained things understandably, respected what the patient said, and spent enough time. The authors detail how to improve communication in these areas to achieve the established beneficial clinical results of effective communication.

COMMENTARIES
75 Dissemination of Innovation: The Will to Change an Organization.
James W Dearing, PhD
For an innovative organization to become a learning organization and achieve greatness requires innovation dissemination. The top ten dissemination mistakes in organizational change are cited, including assuming that information alone will influence decision making and advocating single interventions as the solution to a problem.

79 Alcohol Abuse in the Workplace: When You Smell It, Do You Ask?
Peter Washburn, MD
In excerpts from his memoir, the physician-author describes two scenarios that demonstrate, through actual clinical experiences, appropriate actions recommended by Addiction Medicine specialists.

EDITORIAL REVIEW
84 Rosie the Riveter’s Wartime Medical Records. Morris F Collen, MD; Bryan Culp; Tom Debley
This review of the 1942-1945 published case reports from the medical records of women who worked in the Kaiser Shipyards in Richmond, CA, found that the women who helped build ships for the war effort suffered many of the same medical problems as the men with whom they worked.

NARRATIVE MEDICINE
90 Educational Theatre Program: Promoting Health.
Nancy H Stevens, PhD; Stan Foote; Philip Wu, MD
To expand beyond the 15-minute visit, this program engages children in interactive theatre productions to guide the choices that affect their health in areas such as: poor self-esteem, obesity, diabetes, sexually transmitted diseases, drug abuse, suicide and bullying.