

特別講演 Visual Diagnosis in Emergency Medicine

Captain, Medical Corps, US Navy

Kevin J. Knoop



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The Emergency Department is the most diverse melting pot of patient conditions presenting to the hospital. Diagnostic accuracy and prognostic prediction often rely heavily on visual clues. This lecture is directed toward maximizing this skill. The visual experience is critical to education in medicine, as visual cues or images are the next best tool besides actual bedside exposure. This often teaches faster and with greater impact than many pages of text or hours of lecture.

In this lecture, participants will review specific medical conditions that have visual clues to their diagnosis or disposition. In doing so, participants will recognize disease patterns to make a visual diagnosis that either defrays extensive workup, requires more workup than thought, or helps support the diagnosis. Specific conditions addressed in this lecture include: basilar skull fracture, septal hematoma, Ramsey Hunt Syndrome, retroperitoneal bleeding, hypertrophic Pyloric stenosis, torsion of testicular appendix, Kawasaki's disease, and environmental injuries

Resume for

Dr. Kevin J. Knoop, MD,

Dr. Knoop obtained his Doctor of Medicine degree from Eastern Virginia Medical School, Norfolk, Virginia in 1985. He then began his Navy Career, completing a Transitional Internship at the Naval Medical Center, Portsmouth, Virginia in 1986.

Designated as Flight Surgeon in May, 1987 at the Naval Aeromedical Medical Institute, Pensacola, Florida, Dr. Knoop was next assigned to Naval Hospital Guantanamo Bay, Cuba where he served as Naval Air Station and Fleet Composite Squadron 10 Flight Surgeon. He logged over 200 flight hours in various Naval aircraft to include the TA-4J Skyhawk, UH-1N Huey, and the C-12 (Beechcraft King Air).

Dr. Knoop completed residency training in Emergency Medicine at the University of Cincinnati, the first Emergency Medicine training program in the country. Subsequently he was assigned to Naval Medical Center, Portsmouth, where he rapidly assumed a leadership role in the Navy's then fledgling Emergency Residency program. He served as Assistant Program Director from 1994 - 1997, then as Program Director from 1997 - 2002. During this time he was responsible for the growth of the program into an accomplished academic training program that earned the first 5 year RRC accreditation in the USA. He has authored over 40 publications, four textbooks, including The Atlas of Emergency Medicine, and is a recognized international speaker in Emergency Medicine.

While assigned to Naval Medical Center Portsmouth as Director, Professional Education from 2002 - 2009, Dr. Knoop was responsible for oversight of the institution's 14 medical and dental residency programs with over 260 residents, the Health Sciences library, Medical Illustration and Photography, Nursing Research, Clinical Investigation and Research, Staff Education and Training, and a state of the art Healthcare Simulation Center. During his tenure, the academic milieu and performance set new high water marks with increased research quality, quantity and infrastructure, with many programs earning maximum year RRC accreditations. He has personally motivated, trained and/or mentored over 1,000 Medical Corps officers that have graduated from his Intern and Residency programs.

Captain Knoop served in support for Operation Iraqi Freedom from January - September 2005 where he was assigned as Officer in Charge of TQ Surgical, a Surgical Shock Trauma Platoon in the combat zone that treated approximately 400 combat injuries.

Dr. Knoop has two children: Amelia, a professional skateboarder and X-Games champion, and Stephen, a recent college graduate who enjoys Japanese 'drifting'. He is married to Mary Jo Chandler, his high school sweetheart, a recent graduate of Eastern Virginia Medical School's Physicians Assistant program.

Captain Knoop's military awards include the Bronze Star Medal, Meritorious Service Medal (two awards), and Navy and Marine Corps Commendation Medal (two awards). He is currently assigned as Executive Officer, US Naval Hospital Yokosuka.