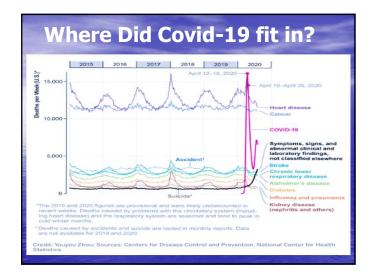


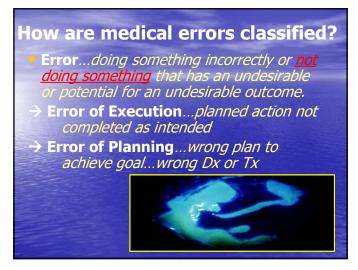


2019 — Numbers lower with new data analysis Prevalence, severity, and nature of preventable patient harm across medical care settings: systematic review and meta-analysis BMJ 2019: 366 doi: https://doi.org/10.1136/bmj.I4185 (Published 17 July 2019) Cite this as: BMJ 2019:366:I4185 RESULTS: Of the 7313 records identified, 70 studies involving 337 025 patients were included in the meta-analysis. The pooled prevalence to preventable patient harm was 6% 95% confidence interval 5% to 7%). A pooled proportion of 12% (9% to 15%) of preventable patient harm was severe or led to death incidents related to cruss 25%, 95% confidence interval 16% to 34%) and other treatments (24%, 21% to 30%) accounted for the largest proportion of preventable patient harm. Compared with general hospitals (where most evidence originated), preventable patient harm was more prevalent in advanced specialties (intensive care or surgery) regression coefficient b=0.07, 95% confidence interval 0.04 to 0.10).







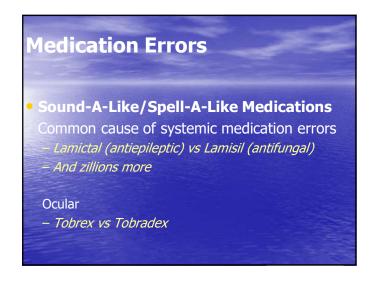




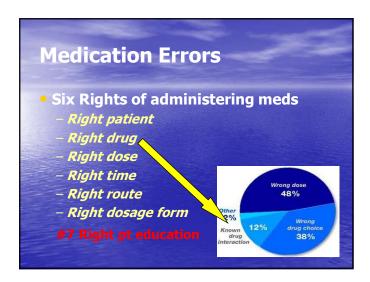
Factors that can increase risk of errors... Fatigue Alcohol/drugs Illness Inattention/distractions Emotional states Unfamiliar situations/conditions

Factors that can increase risk of errors... Fquipment problems Inadequate labeling/instructions Communication problems Handwriting Hupum /0000 Sound alike drugs Office set-up/record keeping

Medication Errors 1.5 million Americans effected by mistakes made in prescribing, dispensing, using prescription drugs – IOM 2006 ~7,000 medication error deaths (Starfield JAMA 2000) Tens of thousands outpatient!!! – IOM 2006 Fatal medication errors (FDA 1993-1998) — Improper dosage (41%) — Wrong drug (16%) — Wrong route (16%) 50% fatal medication errors in pts > 60 yo Time of year?

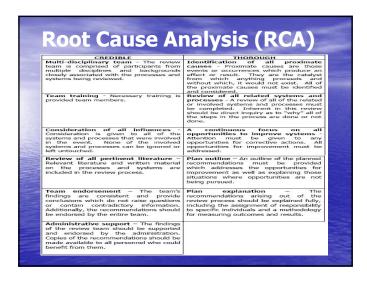


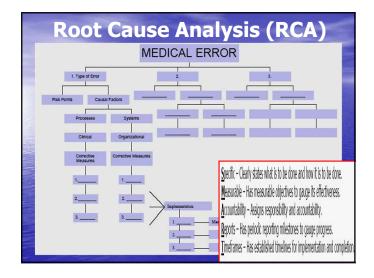




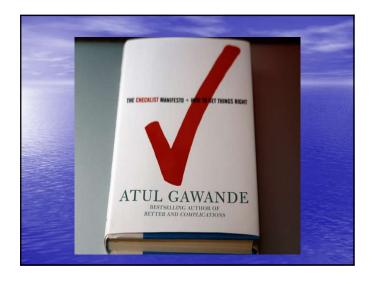


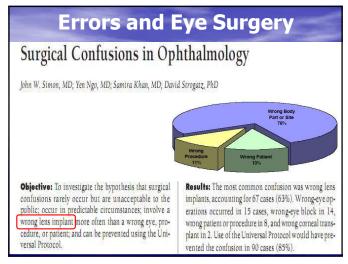
Root Cause Analysis (RCA) JCAHO requirement Goal is to identify the underlying cause of a medical error and develop prevention strategies Looks beyond the immediate result, identifies events or contributing factors which led to the error Must be credible and thorough to be effective...

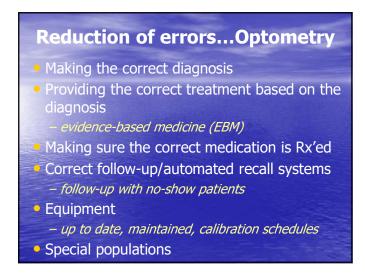


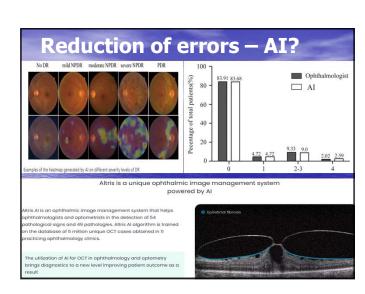


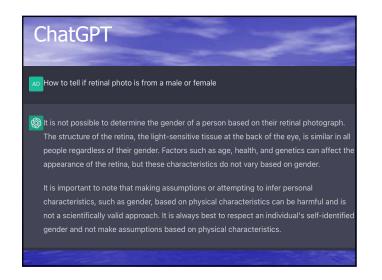
Trigger Tools for Identifying Adverse Events Institute for Healthcare Improvement Cambridge, Massachusetts, USA The use of "triggers," or clues, to identify adverse events (AEs) is an effective method for measuring the overall level of harm from medical care in a health care organization. Traditional efforts to detect AEs have focused on voluntary reporting and tracking of errors. However, public health researchers have established that only 10 to 20 percent of errors are ever reported and, of those, 90 to 95 percent cause no harm to patients. Hospitals need a more effective way to identify events that do cause harm to patients, in order to select and test changes to reduce harm. There are various Trigger Tools available on IHI.org, including: * IHI Global Trigger Tool for Measuring Adverse Events [Danish, German, Swedish, and UK translations also available] Trigger Tool for Measuring Adverse Drug Events Trigger Tool for Measuring Adverse Drug Events in a Mental Health Setting Trigger Tool for Measuring Adverse Drug Events in the Nursing Home * Surgical Trigger Tool for Measuring Peri-operative Adverse Events Intensive Care Unit Adverse Event Trigger Tool Pediatric Trigger Toolkit: Measuring Adverse Drug Events in the Children's Hospital Perinatal Trigger Tool Trigger Tool for Measuring Adverse Events in the Neonatal Intensive Care Unit Outpatient Adverse Event Trigger Tool



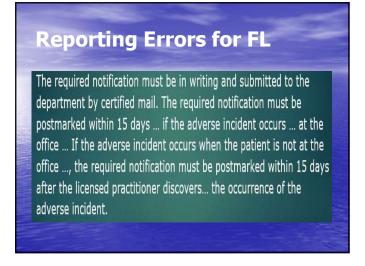




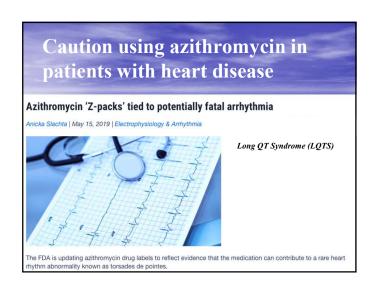












Ciprofloxacin ("Cipro")

- Fluoroquinolone broad spectrum, 2nd gen.
- Dosage 500 mg q 12-24 hrs
- Good for PCN allergic pts
- Tendinitis or rupture of tendons
- Can cause elevated, toxic blood levels of theophylline (COPD)
- Do not use in MG pts

Warning

Taking ciprofloxacin increases the risk that you will develop tendinitis (swelling of a fibrous tissue that connects a bone to a muscle) or have a tendon rupture (tearing of a fibrous tissue that connects a bone to a muscle) during your treatment or for up to several months afterward. These problems may affect tendons in your shoulder, your hand, the back of your ankle, or in other parts of your body. Tendinitis or tendon rupture may happen to people of any age, but the risk is highest in people over 60 years of age. Tell your doctor if you have or have ever had a kidney, heart, or lung transplant; kidney disease; a joint or tendon disorder such as rheumatoid arthritis (a condition in which the body attacks its own joints, causing pain, swelling, and loss of function); or if you participate in regular physical activity. Tell your doctor and pharmacist if you are taking oral or injectable steroids such as dexamethasone (Decadron, Dexpak), methylprednisolone (Medrol), or prednisone (Sterapred). If you experience any of the following symptoms of tendinitis, stop taking ciprofloxacin, rest, and call your doctor immediately; pain, swelling, tendemess, stiffness, or difficulty in moving a muscle if you experience any of the following symptoms of tendon rupture, stop taking ciprofloxacin and get emergency medical

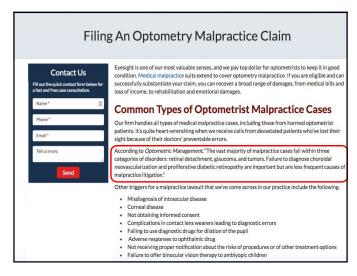
Taking ciprofloxacin may worsen muscle weakness in people with myasthenia gravis (a disorder of the nervous system that causes muscle weakness) and cause severe difficulty breathing or death. Tell your doctor if you have myasthenia gravis. Your doctor may tell you not to take ciprofloxacin. If you have myasthenia gravis and your doctor tells you that yo should take ciprofloxacin, call your doctor immediately if you experience muscle weakness or difficulty breathing during your treatment.

treatment: hearing or feeling a snap or pop in a tendon area, bruising after an injury to a tendon area, or inability to move

to bear weight on an affected area.

Drug	Dosage Geriatric & Adult	Renal Impairment	Comments/Special Populations	Monitoring Parameters
Acyclovir	800 mg q4h 5 times/day for 7-10 days Note: Obese patients are dosed using IBW	Adjust dosage for renal impairment based on creatinine clearance	Initiate fiserapy within 72 h of rash onset; may be administered without regard to meals. Gerlatric Considerations: Use with coution in the elderly; higher risk for CNS, renal, and GI adverse events.	U/A, BUN, serum credinine, liver enzymes, CBC
Famciclovir	500 mg q8h 3 limes/day for 7 days	Adjust dosage for renal impairment based on creatinine clearance	Initiate therapy within 72 hours of rash creet; may be administered without regard to meal. Genderic Considerations: Famicibet' has been shown to occelerate healing, reduce duration of vised bedding, and resolve PHN feater than placebo. Comparison trials with acyclotic or valocyclotic rea for cradiable.	Serum creatinine at baseline; periodic CBC during long-term therapy
Valacyclovir	1000 mg (1 g) q8h (3 times/day) for 7 days	Adjust dosage for renal impairment based on creatinine clearance	Initiate therapy within 48-72 h of rash cnset; Gerlatric Considerations: Use with coution in the elderly, CTN selfect have been reported; more convenient dosing and increased biovariability, without increasing side effects, make velocycloir of soverable choice relative to coycloir; has been shown to accelerate resolution of PHN poin.	U/A, BUN, serum credirine, liver enzymes, CBC





Do you have a valid medical malpractice case?

Proving medical malpractice takes three elements.

- Unacceptable care: Did the optometrist act in a way that most other optometrists in similar situations would have acted? Did he or she follow normal protocols and guidelines provided by the American Optometric Association? If your doctor fell short of the industry standard of care, it might be considered malpractice.
- Causation: The optometrist's behavior must be directly linked to your harm. In other words, if not for the doctor's negligence, you would not have been harmed. If you were injured or sustained injuries but it was a natural symptom of your disease not necessarily the doctor's actions, then you can't hold the doctor accountable.
- Damages: You have to have sustained actual damages as a result of the optometrist's mistake. If s/he made an error, but no harm came of it, you have no cause to file a suit.

Speaking to a Medical Malpractice Attorney about Your Case

Optometrists have a high standard of care for patients. If they breach this standard and are careless or negligent with their patients, it can have serious, long-term ramifications.

- Blindness
- Debilitating headaches
- Fatality

AOA Optometric Clinical Practice Guidelines

Optometric Clinical Practice Guidelines (OCPGs) are recommendations for patient care which are developed through a formal process. They combine the best available current scientific evidence and research with expert clinical opinion to recommend appropriate steps in the diagnosis, management, and treatment of patients with various eye and vision conditions.

Evidence-based Clinical Practice Guidelines — Due to the new standards released by the Institute of Medicine (IOM), a division of the National Academies of Sciences, Engineering, and Medicine in March 2011 calling for the development of trustworthy evidence-based clinical practice guidelines, the AOA Evidence-based Optometry Committee is currently revising the optometric guidelines

Evidence-Based Clinical Practice Guidelines:

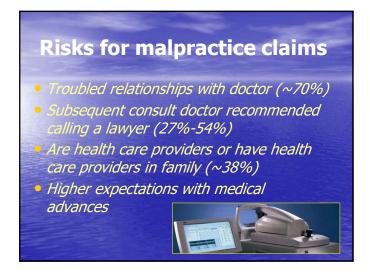
- Evidence-based Clinical Practice Guideline Eye Care of the Patient with Diabetes Mellitus, Second Edition (CPG3) 2019 Evider 2015
- ed Clinical Practice Guideline Comprehensive Adult Eye and Vision Examination (CPG1)
- ce-based Clinical Practice Guideline Comprehensive Pediatric Eye and Vision Exam

Consensus-Based Clinical Practice Guidelines:

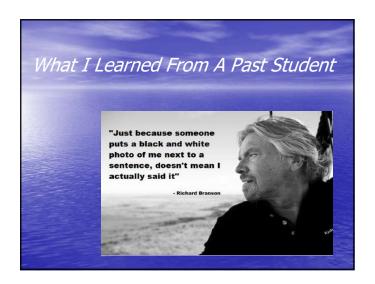
- 1994 | Revised 1998 | Reviewed 2004 Care of the Patient with Primary Angle 1994 | Revised 1998 | Reviewed 2001
- Care of the Patient with Age-Related M 1994 | Revised 1999 | Reviewed 2004 Care of the Adult Patient with Cataract 1995 | Revised 1999 | Reviewed 2004

- 1995 | 2nd Edition 2002 | Revised 2010 Currently in the review process





Optometric Malpractice Claims Misdiagnosis of Intraocular Disease POAG, retinal detachment, mass are highest rate but don't forget ARMD and DM! Injuries from Ophthalmic Materials CL's (corneal comps), Spectacles (polycarbonate) Misdiagnosis of Ant. Seg. Disease Corneal dz, FBs Improper Co-Management Refractive surgery, cataract surgery Injuries from Ophthalmic Drugs Angle closure Misdiagnosis of Binocular Vision Anomalies Failure to tx amblyopia Classe' 1998



Here's the good news...

Malpractice payments by optometrists: an analysis of the national practitioner databank over 18 years.

Duszak RS¹, Duszak R Jr.

Abstract

PURPOSE: The aim of this analysis was to describe characteristics and trends of malpractice payments by optometrists since the inception of the National Provider Data Bank (NPDB) as they assumed increasing prescriptive authority.

METHODS: NPDB data files were analyzed for details of optometrist malpractice payments from 1991 through 2008. Payment amounts, sources, and allegations were all identified and summarized, along with geographic and demographic data.

RESULTS: Between 1991 and 2008, a total of 609 optometrist malpractice payments were reported nationally, ranging from \$50 to \$2,050,000 (median, \$57,500; mean, \$156,055 ± 246,556), with 603 (99%) less than \$1,000,000. Annual inflation-adjusted mean dollars and frequency of payments increased only nominally over the 18-year interval, from \$154,573 to \$155,151, and 30 to 40, respectively. More than half of all cases originated in 11 states. Alleged errors in diagnosis accounted for 55% of all cases.

CONCLUSION: Majoractice payments on behalf of optometrists are relatively infrequent (on average, less than 34 nationally each year) and usually relatively small (almost half less than \$50,000). The frequency of payments and mean payments have increased little over the last 2 blecades.







