



Medical education  
&  
Patient safety




No head or tail and loose & win.

It must be win-win!

N.G. Patil  
The University of Hong Kong

## Professional attributes

- Dexterity
- Communication
- Judgment
- Patient safety



## Definition

### Patient Safety

“The freedom from accidental injury due to medical **care** or from medical **error**”

*(Institute of Medicine 2000)*

So much talked about it!



## Google search

**Results about 522,000 for quality assurance and patient safety. (0.21 seconds)**

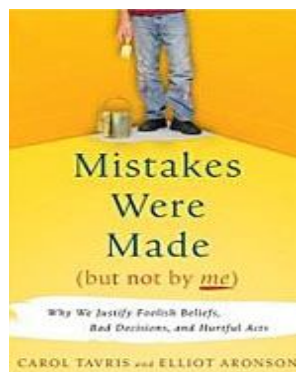
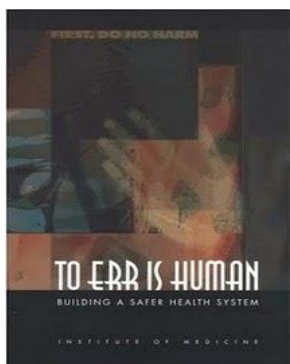
- [Commission on Patient Safety and Quality Assurance](#)
- The Commission on **Patient Safety** and **Quality Assurance** was established on the 16th January 2007 by the Minister for Health and Children, Mary Harney T.D. ...  
[www.cpsqa.ie/](http://www.cpsqa.ie/) - [Cached](#) - [Similar](#)
- [Commission on Patient Safety and Quality Assurance established by ...](#)
- 16 Jan 2007 ... Commission on **Patient Safety** and **Quality Assurance** established by Mary Harney, T.D. Minister for Health and Children. 16 January 2007 ...  
[www.dohc.ie](http://www.dohc.ie) › [Press information](#) › [Releases](#) › [2007](#) - [Cached](#) - [Similar](#)
- [Swope Health Services - Quality Assurance & Patient Safety](#)
- **Quality Assurance and Patient Safety.** Quality Compliance Department; Services Provided; Clinical **Quality**; Performance Improvement ...  
[www.swopehealth.org/Clinics/Quality\\_Assurance\\_Safety.aspx](http://www.swopehealth.org/Clinics/Quality_Assurance_Safety.aspx) - [Cached](#)
- [Improving Patient Safety Through Quality Assurance | Archives of ...](#)
- Improving **Patient Safety** Through **Quality Assurance** from Archives of Pathology & Laboratory Medicine provided by Find Articles at BNET.  
[findarticles.com/p/articles/mi\\_qa3725/is.../ai\\_n17180955/](http://findarticles.com/p/articles/mi_qa3725/is.../ai_n17180955/) - [Cached](#) - [Similar](#)

## Pubmed

**Results: 1 to 20 of 5250**


1. [Joint Commission raises the bar on patient safety. New center will identify weaknesses and develop targeted solutions.](#)  
Weinstock M. Hosp Health Netw. 2009 Oct;83(10):16-7. No abstract available. PMID: 19967811 [PubMed - indexed for MEDLINE][Related articles](#)
- [2 10 years, 5 voices, 1 challenge. To Err is Human jump-started a movement to improve patient safety. How far have we come? Where do we go from here?](#)  
Larkin H. Hosp Health Netw. 2009 Oct;83(10):24-8. PMID: 19960810 [PubMed - indexed for MEDLINE][Related articles](#)
- [3. Accuracy of preliminary interpretation of neurologic CT examinations by on-call radiology residents and assessment of patient outcomes at a level I trauma center.](#) Miyakoshi A, Nguyen QT, Cohen WA, Talner LB, Anzai Y. J Am Coll Radiol. 2009 Dec;6(12):864-70. PMID: 19945042 [PubMed - in process][Related articles](#)

To err is human  
But don't make it a habit!




**Patient Safety & QUALITY HEALTHCARE**  
NEWS • SCIENCE • RESEARCH • OPINION

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**"The patient in the next bed is highly infectious. Thank God for these curtains."**



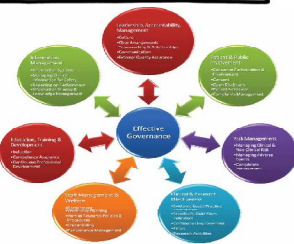
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**The nurse patient ratio applied to the bed patient ratio.**





© Patient Inspirations.com (877) 646-3571



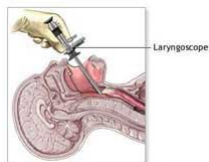


## Patient safety in undergraduate curriculum- medical students' perception

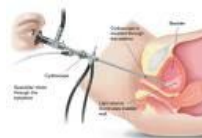
Gilberto Ka Kit Leung, N.G.Patil

- Medical students in Hong Kong are **aware of medial errors** being an inevitable barrier between what is considered as 'best care' and what is being actually provided
- There was, however, a **lack of appreciation of the multi-factorial mechanism underlying the occurrence of errors**, and the importance of a trans-disciplinary approach to constructive management of errors
- A **knowledge gap** was found to exist.
- A **formal curriculum on patient safety** to bring about and sustain this change in healthcare culture is introduced

## A tale of two patients



**A patients had successful laryngoscopy at Day surgery clinic.**



**But, he was booked for cystoscopy!**

*Procedure was performed with competence*

---

*What happened?*

**Patient with similar name was to have laryngoscopy.**  
*Quality of procedure assured but patient safety ignored.*

## Solutions







The NEW ENGLAND  
JOURNAL of MEDICINE

*A Surgical Safety Checklist to Reduce Morbidity and Mortality in a  
Global Population*

Alex B. Haynes et al. Volume 360:491-499 [January 29, 2009](#) Number 5

Implementation of the **checklist** was associated with  
concomitant **reductions in the rates of death and  
complications** who were undergoing noncardiac surgery  
in a diverse group of hospitals

**Warning : Checklist may become 'tick list'.**

WORLD ALLIANCE FOR PATIENT SAFETY

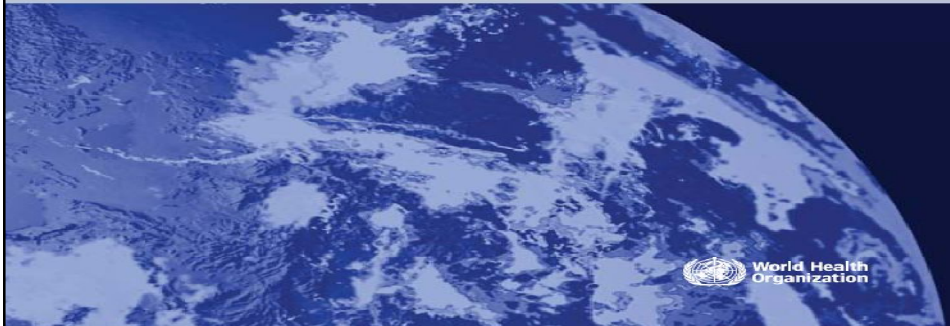
WHO PATIENT SAFETY CURRICULUM GUIDE  
FOR MEDICAL SCHOOLS

A SUMMARY



DOWNLOAD THE GUIDE FOR FREE AT:

[http://www.who.int/patient\\_safety/activities/technical/medical\\_curriculum/en/index.html](http://www.who.int/patient_safety/activities/technical/medical_curriculum/en/index.html)



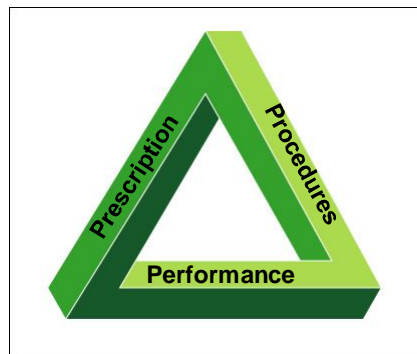
 World Health  
Organization

## Recommended topics

- 1: What is patient safety?
- 2: What is human factors and why is it important to patient safety?
- 3: Understanding systems and the impact of complexity on patient care
- 4: Being an effective team player
- 5: [Understanding and learning from errors](#)
- 6: Understanding and managing clinical risk
- 7: [Introduction to quality improvement methods](#)
- 8: Engaging with patients and carers
- 9: Minimizing infection through improved infection control
- 10: [Patient safety and invasive procedures](#)
- 11: [Improving medication safety](#)
- 12: Case studies

## 3 Important Ps related to patient safety

- [P](#)rescription
- [P](#)rocedures
- [P](#)erformance



## Teaching & Learning

- Case studies (Seminars, PBL, CBL)
- Simulation
- Videos
- M&M
- Special Study Modules
- Workshops
- Time out
- Assessments

## New MRCS exam OSCE stations

- Anatomy and surgical pathology
- **Surgical skills and patient safety**
- Communication skills
- Applied surgical science and critical care
- Clinical skills

*Royal College of Surgeons Edinburgh*

## To conclude,

### Cultivate culture of patient safety in medical education by CPR

- Consciously
- Practice *and*
- Report



Illustration by Chris Gash

## Recommended reading



### Teaching & assessing patient safety

Bruce Barraclough

*Thank You*

*Gracias*

謝謝

*dhanyavaad*

*Danke*

*Grazie*

*Merci*

ありがとうございます