

# eEvidence: Evidence based care supported by Technology

Paula M Procter<sup>1</sup>, Min-Yen Kan<sup>2</sup>, David G Arthur<sup>3</sup>, Siu Yin Lee<sup>4</sup>, Siti Zubaidah<sup>4</sup>, Zhao Jin<sup>2</sup>, Wai Kin Yip<sup>4</sup>

1 Faculty of Health and Wellbeing, Sheffield Hallam University, UK

2 School of Computer Science, Singapore National University, Singapore

3 Alice Lee Centre for Nursing Studies, Singapore National University, Singapore

4 Nursing Directorate, National University Hospital, Singapore

- The drive for information is determined by the nurses in clinical and community practice
- Evidence available immediately at the point of intervention with patient/client
- No patient information stored within structure
- All technology and almost all support software already available
- Additional information can flow both ways for quality and activity audits
- Identification of areas weak in evidence requiring supportive research will be driven by practice
- Immediate dissemination of new generic practices and principles can be delivered to each nurse on syncopation, removing the requirements for paper updates etc.
- Process can be transferred across all healthcare clinical professions



Mrs Lee Siu Yin, Director of Nursing, National University Hospital, Singapore

**START**

**Nurse inputs his/her professional profile**



RN Dou Quanzhen, RN Lin Qianqian (Front row)

Left to right: NE Goh Mien Li, NE Tho Poh Chi, Ms Siti Zubaidah, SSN Yip Wai Kin NE Katherine Leong, (Back row)



Professor David Arthur, Dean, Alice Lee Centre for Nursing Studies, University of Singapore

**Update Profile**



Professor Min-Yen Kan, School of Computing, National University of Singapore

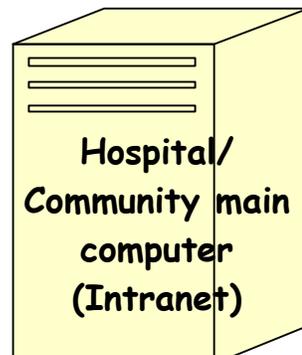
**Nurse receives abstract and full text of relevant peer reviewed articles into file area - updated once a week**



Ms Siti ZUBAIDAH, Assistant Director of Nursing (Evidence Based-Nursing Unit)



Dr Emily Ang Deputy Director, Clinical & Oncology Nursing, The Cancer Institute, National University Hospital



Automatic access of WWW sources at night when general usage is reduced, any virus attempts are removed through the intranet security system.