Clinical Workflow Analysis & Decision Support

This course introduces the key clinical workflows in a variety of inpatient, outpatient and emergency scenarios. The course will demonstrate how information, integrated as part of the clinical workflows, can help achieve better clinical safety and enable evidence-based decision making when used in a holistic fashion by nurses, pharmacists, doctors and hospital administrators.

Key Benefits

✔ Understand the role of data and information used in clinical workflows.
✔ Understand the concept of automated clinical workflow analysis and evidence-based clinical decision support.
✔ Understand the use of Phase, Task, Action and Actor in describing a clinical workflow.
✔ Understand the use of specific data, automated routing rules, forms and alerts to effectively use within a task.
✔ Understand how technology, when integrated with clinical workflows, will enable higher patient safety.
✔ Understand how technology can increase efficiency of clinical workflows through analysis driven by real-life data.
✔ Understand the limitation of current technologies and availabilities of alternate new technologies in data and information management.
✔ Understand various ways of presenting health informatics data.
✔ Understand various IT and project management standards.

Topics

• Introduction to Clinical Workflow Analysis
• Workflow Analysis Enablement
• Automated Clinical Workflow Analysis
• Clinical Decision Support Systems and Business Case
• Project Session: Real World Scenario, Problems and Facts
• Project Session: System Design Considerations
• Project Session: Human Interface Design Considerations
• Project Session: Management of workflow rules
• Project Session: Case Study

Who Should Attend

• Healthcare administrator, managers and administrators who need to work on healthcare information system implementation and operations
• Healthcare professionals who need to utilise information systems as part of core clinical workflows (Intake & Nurse Assessment, Physician Assessment, Order & Dispensing, Check Out & Discharge)
• IT professionals in healthcare who will work with various clinical decision support systems
• Individuals who need to understand and appreciate the importance of evidence-based decision support and the applications of information systems in such settings.

Course Information

Duration: 3 days

Venue: CHI Executive Training Room
21 Heng Mui Keng Terrace, Icube Building
#03-40, Singapore 119613

Time: 9.00am to 5.00pm
(Inclusive of tea breaks and lunch)

Course Fee: S$2,400* (before GST)
* Up to 70% - 90% Citrep+ funding, applicable to Singapore Citizens and Permanent Residents only. For more information on subsidy and funding eligibility criteria, please visit www.imda.gov.sg/citrep

CITREP+/FY19/MR/19-04/747

Website: http://chi.nus.edu.sg

CALL 6516 7364 / 6601 3348 or EMAIL chi@nus.edu.sg to enquire!

Course Leader

Mr Ng Yan Pin is Adjunct Lecturer, Centre for Health Informatics and is currently a Client Partner and Head of Technology Practice for Asia at Pedersen & Partners. Prior to joining the firm, Mr Pin worked as an Executive Vice President with DHR International, working on searches within Healthcare/Life Sciences, Mining, Private Equity and Technology industries. Before entering Executive Search, Mr Pin worked for 11 years with Accenture, serving as Business Development Director within the Healthcare and Public Service Operating Group.

Mr Pin has years of experience in Healthcare in the region, in a combination of executive search, business development, consulting and implementation roles, advising clients on Healthcare IT trends and thought leadership, international standards, best practices and frameworks, as well as the use of technology in integrated healthcare and clinical decision support.

He is familiar with the Asia Pacific region and the different in-country healthcare environments, and continues to advise healthcare vendors and providers on the right GTM strategy for their target markets. He also has a good understanding in the areas of patient flow management, closed loop medication management, ADR management as well as chronic and infectious disease management programs.

Mr Pin holds a Bachelor’s Degree in Information Systems and Management from the National University of Singapore. He lectures at the Centre for Health Informatics and is an industry advisor to IDA International in Singapore. He speaks native Chinese and English.