

NURS N9029: Quality and Innovation

Module Details	
Module Code:	NURS N9029
Full Title:	Quality and Innovation APPROVED
Valid From::	Semester 1 - 2021/22 (September 2021)
Language of Instruction:	English
Duration:	1 Semester
Credits::	10
Module Owner::	<ul style="list-style-type: none">• Geraldine O'Connor• Myles Hackett
Departments:	Nursing Midwifery & Early Years
Module Description:	The aim of this module is to develop students' understanding of quality, quality improvement and innovation. The module will focus on the context, key principles and competencies associated with quality and innovation. The module will create a critical awareness of the contemporary themes. It will encourage the student to explore how quality is defined and measured in relation to health and/or social care. The module will include quality improvement methodology. There will be a focus on application to practice and students will consider aspects of quality and innovation from their own area of practice and application of theory

Module Learning Outcome	
On successful completion of this module the learner will be able to:	
#	Module Learning Outcome Description
MLO1	Demonstrate and apply the principles of Quality Improvement.
MLO2	Demonstrate and apply the science of improvement and improvement principles.
MLO3	Utilise different techniques of data collection and measurement and understand the role of measurement in improvement.
MLO4	Demonstrate the ability to identify the opportunities in practice to analyse opportunities for improvement
MLO5	Synthesise the range of improvement methods available for reducing harm to service user
MLO6	Demonstrate the appropriate use of at least one improvement tool in a service context and participate/lead on an improvement activity.
MLO7	Apply the principles of positive risk taking in care practice.
Pre-requisite learning	
Module Recommendations <i>This is prior learning (or a practical skill) that is strongly recommended before enrolment in this module. You may enrol in this module if you have not acquired the recommended learning but you will have considerable difficulty in passing (i.e. achieving the learning outcomes of) the module. While the prior learning is expressed as named DkIT module(s) it also allows for learning (in another module or modules) which is equivalent to the learning specified in the named module(s).</i>	
No recommendations listed	

Module Indicative Content
Quality and Innovation Key themes: quality, quality improvement, frameworks, regulation, personal stories; What is quality? What is quality improvement? Where does quality improvement come from? Frameworks for improving quality – HSE, IHI, outside Ireland, CORU, Mental Health Commission and QSUS Regulation as a driver of quality When Regulation goes wrong Personal stories on patient/client /service user experience Understanding Innovation
Using quality-improvement methods/innovation to improve care Key themes: change Management, PDSA cycle, change concepts, variation, quality/improvement methods, improvement tools, flowcharts, cause and effect diagrams (Ishikawa/fishbone diagrams), Pareto charts, histograms, run charts, driver diagrams, process mapping Focus on major quality improvement themes – co-design/co-production, Lean, Model for Improvement including PDSA Understanding of broader theme terminology and the science of quality improvement Application of change management - leading and implementing change Understanding tools and techniques used in quality and innovation
Underlying Principles to Support Quality Improvement & Innovation Key themes: Understanding data for improvement, Statistical Process Control, The role of measurement in improvement, Outcome measures, Process measures, Balancing measures, innovation methods and inclusive working. Failure as a measure of success. Data and measurement for improvement Patient/Client/Service User engagement Statistical process control Common Cause Variation / Special Cause Variation Policy decisions as a driver of quality Developing Policies Procedures and Guidelines Tools and Techniques Tools and techniques will be populated throughout this module Case studies

Module Assessment	
Assessment Breakdown	%
Course Work	100.00%
Module Special Regulation	

Assessments

Part Time On Campus			
Course Work			
Assessment Type	Continuous Assessment	% of Total Mark	30
Marks Out Of	100	Pass Mark	0
Timing	n/a	Learning Outcome	1,2
Duration in minutes	0		
Assessment Description Driver Diagram			
Assessment Type	Continuous Assessment	% of Total Mark	70
Marks Out Of	100	Pass Mark	0
Timing	n/a	Learning Outcome	3,4,5,6,7
Duration in minutes	0		
Assessment Description Undertake or be part of a service improvement activity related to the students individual area of practice			
No Project			
No Practical			
No Final Examination			
Reassessment Requirement			
A repeat examination Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.			

Module Workload

This module has no Full Time On Campus workload.

Workload: Part Time On Campus

<i>Workload Type</i>	<i>Contact Type</i>	<i>Workload Description</i>	<i>Frequency</i>	<i>Average Weekly Learner Workload</i>	<i>Hours</i>
Lecture	Contact	Lecture	Once per semester	0.60	9
Practical	Contact	Practical/Workshop	Once per semester	0.60	9
Tutorial	Contact	tutorial	Once per semester	1.20	18
Total Weekly Learner Workload					2.40
Total Weekly Contact Hours					2.40

Module Resources

Recommended Book Resources

Langley J. (2009), *The Improvement Guide: A Practical Approach to Enhancing Organizational Performance*, 2nd. Jossey-Bass.
Provost, P.. (2011), *The Health Care Data Guide: Learning from Data for Improvement*.
Robert C. Lloyd. (2004), *Quality Health Care*, Jones & Bartlett Learning, p.343, [ISBN: 0763748056].

This module does not have any article/paper resources

Other Resources

Website, www.ahrq.gov. AHRQ.
Website, <https://health.gov.ie/national-patient-safety-office/>. National Patient Safety Office.