



Pediatric nursing department



Research Plan of Pediatric Nursing Department
2022-2017

Department Vision

Pediatric Nursing Department seeks to improve the health care of the child (from birth to adolescence) and respond to the needs of the society and to be effective with the scientific and technical development in the field of pediatric nursing through specialized studying and training programs that keep pace with local and international academic standards to graduate a post graduate student to obtain Master's and doctoral degrees as well as scientific and professional qualifications capable of competing in the work market.

Department Mission

Preparing qualified postgraduate graduates equipped with the scientific knowledge and training in the skills required in the field of pediatric nursing to provide integrated nursing care for the child, whether preventive, curative or rehabilitative, and work on continuous enlightened development in educational process and follow up health care needs in the community and also work to gain community confidence through the use of the human faculty resources and research potential in pediatric nursing to solve health problems associated with children.

Department Philosophy

The department's philosophy depends on the awareness and beliefs of the faculty members and their assistants in how to achieve the vision, mission and strategic goals of the department through developing their skills and preparing training programs to develop scientific and laboratory skills in the field of pediatric nursing

The strategic objectives of the department:

- 1-Providing students of scientific research with theoretical information and professional training in pediatric nursing to meet the child's needs from birth to adolescence during health and illness.
- 2-Qualifying students for scientific research on how to deal with healthy and sick children in different age groups, as well as nursing care, by studying different cases, role-playing, problem-solving, and practical case studies related to child and family problems.
- 3-Organizing practical exercises to provide students with scientific research with information and skills to apply them in maintaining children's health, preventing and treating the most common diseases, and giving advice to the child and the family.
- 4- Developing scientific research activities for postgraduate students with the aim of upgrading the scientific and skill level of the faculty members
- 5- Responding to the requirements of the work market inside and outside the country in terms of specialization and competence.

Axes of the research plan.

- 1- Nursing care for acute, chronic and infectious diseases
- 2- Nursing care for organ transplantation and transplantation operations
- 3- Health Promotion
- 4- Psychiatric nursing care and addiction
- 5- Total Quality Management

6- Innovation and Looking for the future in nursing

- Artificial Intelligence
- Virtual Learning
- Looking for the future in nursing

Mechanisms for implementing the plan

- 1- The plan will be reviewed periodically to ensure it is updated to keep pace with scientific developments and societal problems
- 2- The implementation of the plan will be followed up in light of its outputs to ensure implementation with correct expectations

Plan outputs

- 1- Increasing the number of scientific papers published locally and internationally
- 2- Activating research training programs in health institutions
- 3- Activating introduction, clarification and guidance for post graduate studies.
- 4- Activating the scientific and cultural exchange between the department and other departments and Arab and foreign universities.



**The executive plan of pediatric nursing department
during the period 2022-2017**

Goal	Research objectives (Accurate field of research)	Outputs	Activities	Performance monitoring indicator	Responsible for implementation	Implementation period		Cost
						The beginning	The end	
1-Nursing care for acute, chronic and infectious cases	<p>A- Determining the prevalence of chronic and communicable diseases among children in Assiut Governorate</p> <p>B-Improving nursing care for newborns at risk</p> <p>C-Care for children with tumors</p> <p>D-Care for children with diseases of the liver, kidneys, heart, blood and nervous system</p>	<ul style="list-style-type: none"> Existence of applicable published research Reducing complications associated with chronic diseases in children 	Scientific Theses (Master and Ph.D.) Scientific Seminars	Secondary follow-up reports for theses	Pediatric Nursing	2017	2022	91600
2-Nursing care for organ transplantation and transplantation operations	<p>A-Creating educational programs for nurses on preparing sick children and donors for organ transplantation</p> <p>B-Conducting educational programs for nurses on following up children (nutrition, medication, work)</p>	The existence of published research in nursing care for transplantation and organ transplantation for children with kidney, heart and tumor diseases				2017	2022	43750

	during, before and after organ transplantation.							
3-Health Promotion	<ul style="list-style-type: none"> ▪ Early detection of diseases and limiting their spread ▪ Design and implement health education programs for children and their families on breastfeeding ▪ Vaccinations ▪ Prevent accidents in children 	<ul style="list-style-type: none"> ▪ Published research applicable to promoting children's health ▪ Low rate of health problems for children 				2017	2022	42850
4-psychiatric nursing care and addiction	<ul style="list-style-type: none"> ▪ Providing nursing care to promote mental health and addiction among adolescents 	The existence of published research that is applicable to the improvement of children's mental health				2017	2022	10000
5-Total Quality Management	<ul style="list-style-type: none"> ▪ Providing high quality nursing care for various diseases among children 	<ul style="list-style-type: none"> ▪ Published research applicable to the use of technology in the learning and practice of pediatric nursing ▪ Published research applicable to the quality of 				2017	2022	15000

		pediatric nursing care						
6-Innovation and looking for future in nursing A- Artificial Intelligence	<p>1-Designing applications related to nursing care for children with chronic diseases using modern technological means</p> <p>2- Using health information systems in recording and analyzing data and making decisions regarding the health status of sick children and dispensing with the use of paper</p>	<ul style="list-style-type: none"> ▪ Provide optimum patient care ▪ Reducing wasted time and effort in recording and analyzing data, and reducing errors ▪ Raise the level of health care and reduce complications resulting from various diseases 			2017	2022	91600	

	<p>3- Using robots to provide health care to patients</p>						
<p>B Virtual learning</p>	<p>1- Conducting studies on creating virtual classrooms and whether they reflect the educational reality of pediatric nursing students</p> <p>2- Doing research on the importance of providing laboratories equipped with models designed with a high-precision simulation</p>				<p>2017</p>	<p>2022</p>	<p>43750</p>

	<p>system</p> <p>3- Conducting studies compared to the high-fidelity simulation system and the traditional system</p>							
<p>C Looking for the future in nursing</p>	<p>1- Doing research on the future of nursing education in Egypt</p> <p>2- Providing nursing care without relying entirely on the human element, using modern technological means</p>	<ul style="list-style-type: none"> ▪ Raising students' learning competence and overcoming obstacles of time and place ▪ The existence of meticulous nursing care without any professional errors 				<p>2017</p>	<p>2022</p>	<p>42850</p>

Head of Department

Prof. Eman Sayed Ahmed

