

Research priorities of the Department of Reproductive Health, Pregnancy and Childbirth

• Generation and fertility health: from adolescence to old age

- ✓ To investigate patterns of fertility behavior of women and their spouses in order to plan and improve the structure of family and population
- ✓ To design, implement and evaluate interventions to increase the quantity and quality of natural (physiological) delivery and decrease cesarean section in order to promote the health of mothers, infants and children
- ✓ To investigate the root causes of maternal deaths and identify and implement preventive interventions
- ✓ To investigate women's general and specific health in the field of reproductive health and obstetrics
- ✓ To review the educational, counseling and care needs of women from puberty to old age
- ✓ To design, standardize, implement and monitor the practice guideline for promoting women's health in reproductive and obstetrics health
- ✓ To identify, prevent, treat and provide solutions to disorders, injuries and diseases of women
- ✓ To review, develop and implement interventions to promote sexual health in different age groups (from childhood to old age).
- ✓ To review, develop and implement interventions to attract men's participation in health promotion of women

• Maintaining and promoting the health of women and children in disasters

- ✓ To design and implement and evaluate prevention, care, treatment, education and support programs for women and children in disasters and domestic violence

• Management and policymaking in the field of education, midwifery and reproductive health

- ✓ To conduct comparative studies on clinical education systems and theory of midwifery in Iran and in the world
- ✓ To assess the quality of women's health services and compare them with global standards
- ✓ To identify the necessity of changes in the curriculum, arrangement of courses and the development and implementation of a comprehensive guideline for theoretical and clinical education system
- ✓ To validate and evaluate theoretical and clinical education in the field of midwifery and reproductive health

• The use of traditional and complementary medicine in obstetrics and reproductive health

- ✓ To design, implement and evaluate complementary / traditional interventions in the field of midwifery and reproductive health

- **Innovation, entrepreneurship and communication with the organization, industry and business market in the field of midwifery and reproductive health**

- ✓ Design, implementation and evaluation of industry related services in the field of midwifery and reproductive health

- **Promoting professional and ethical commitment in the field of obstetrics and reproductive health**

- ✓ Design, implement and evaluate the performance of providers of midwifery and reproductive health services in accordance with midwifery codes of ethics
- ✓ Examining barriers of adherence to professional-ethical commitment in the field of midwifery and reproductive health
- ✓ Design, implement, and evaluate the action guideline and present a proposal to safeguard the professional-ethical commitment

Research priorities of the Medical-Surgical Department

• **Quality of life of inpatient and outpatient patients with medical-surgical disorders**

- ✓ Design, implementation and evaluation of nursing interventions in order to improve quantity and quality of physical conditions (sleep, oxygenation, urinary/ faeces elimination, diet, physical activity, etc.) from adolescence to old age based on the educational, counseling and caring need assessments
- ✓ Continuous education and monitoring of self-management behaviors, self-efficacy, self-care and rehabilitation
- ✓ Design, implementation and evaluation of nursing interventions based on complementary and traditional medicine

• **Process of clinical competence**

- ✓ Design, implementation and evaluation of educational programs to strengthen and implement critical thinking and clinical reasoning of students
- ✓ Introducing new education, learning and assessment methods to improve clinical competence of students
- ✓ Continues education for nursing staffs based on NIC & NOC

• **Outcomes of clinical competence**

- ✓ Design, implementation and evaluation of independent and semi-independent nursing care by providing protocols and clinical guidelines
- ✓ Design, implementation and evaluation of nursing services according to nursing models

• **Lifestyle modification**

- ✓ Teaching, controlling and modifying high-risk behaviors in different age groups
- ✓ Designing, implementing and evaluating smart home in chronic patients
- ✓ Modifying self-care behaviors for clients and employees through social networks

Research Priorities of Psychiatric Nursing Group

- Promoting mental health of individual, family and society
- Design, implementation and evaluation of counseling programs to improve mental health
- Design, implementation and evaluation of individual therapy, family therapy and group therapy programs for addiction and substance abuse
- Promoting theoretical and clinical education in the field of psychiatric nursing
- Promoting quality of communication, professional commitment and ethics of psychiatric nurses

Research priorities of pediatric and NICU department

- Design, implementation and evaluation of programs to enhance the clinical skills of faculty members and mentors of pediatric and NICU department in order to close the gap between theory and practice, and to promote clinical education
- Improving the quality of communication, professional commitment and ethics among nurses in the pediatric and NICU department
- Design guidelines needed to provide standard care for newborns and hospitalized children
- Promoting the quality of family-centered care in pediatric and NICU units
- Implementation of NIDCAP in neonatal wards
- Promoting social accountability of pediatric and NICU students in their nursing care

Research priorities of the community health and geriatric nursing department

- Determining effective teaching methods (models) in theoretical and practical modules of community health and geriatric nursing department
- Design, implementation and evaluation of empowerment programs for faculty members in the community health and geriatric nursing department based on educational needs
- Development of nursing diagnoses associated with community health and determining service packages that can be provided and operationalized
- Investigating socio-economic variables related to community health using health-centered models
- Healthy lifestyle in families and providing preventive and screening services
- Strategies for maintaining and promoting physical and mental health of various groups of society (adolescents, youth, women of reproductive age, elderly people)
- Determining and prioritizing health education needs in different groups of society
- Optimizing the role of community health nurses through launching a health station
- Improving the health of elderlies and their families in the areas of (family, home care, health centers): monitoring and comprehensive interventions
- Design and implementation of interventions related to the health promotion of the elderlies and their families in the fields of (family, home care, health care centers): monitoring and comprehensive interventions
- Identifying the causes of old-age-related illnesses and promoting the health of elderlies and their caregivers in the fields of (family, home care, health centers): monitoring and comprehensive interventions

Research priorities of the Management and Critical Care department

- Promoting job incentive of nurses and professors of critical care units
- Design, implementation and evaluation of programs to increase the comfort of patients critical care units (pain, anxiety, and restlessness)
- Re-admission (causes, interventions, outcomes, patient and family education, self-care) in critical care units
- Nursing care challenges in emergencies and disasters and ethical and legal and ethical considerations related to them
- Consequences of admission (physical, psychological, social) in critical care units
- Design, implementation and evaluation of the discharge plan and promoting the lifestyle of patients in critical care units
- Health promotion (physical, psychological, social, spiritual) strategies for patients in special sectors
- Challenges of clinical education of students of management and critical care
- Evaluating and improving the quality of nursing care in critical care units
- Promoting professional commitment in nursing education and care in critical care and management units (education, clinical education and research)
- The role and position of mentor and preceptor in clinical education of critical care and management students
- Development of Clinical Governance Program at the level of health services and hospital with a nursing care approach
- Studying the role and position of critical care and management students: nursing, health services
- Localization, development and implementation of clinical guidelines in the critical care units