



M.O.S.C. COLLEGE OF NURSING, KOLENCHERY
Affiliated to Kerala University of Health Sciences, Thrissur,
Recognized by Kerala Nurses and Midwives Council, Thiruvananthapuram and
Indian Nursing Council, New Delhi
MALANKARA ORTHODOX SYRIAN CHURCH MEDICAL MISSION
KOLENCHERY-682 311, ERNAKULAM

EXPECTED OUTCOME- M.SC NURSING
M.SC. NURSING FIRST YEAR

NURSING EDUCATION

CO1: Explain the aims of education, philosophies, trends in education and health: its impact on nursing education.

CO 2: Describe the teaching learning process.

CO 3 :Prepare and utilize various instructional media and methods in teaching learning process.

CO 4: Demonstrate competency in teaching, using various instructional strategies.

CO 5: Critically analyze the existing nursing educational programs, their problems, issues and future trends.

CO 6: Describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration.

CO 7: Plan and conduct continuing nursing education programs.

CO 8: Critically analyze the existing teacher preparation programs in nursing.

CO 9: Demonstrate skill in guidance and counseling.

CO 10 : Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.

CO 11 Explain the development of standards and accreditation process in nursing education programs.

CO 12. Identify research priorities in nursing education.

CO 13. Discuss various models of collaboration in nursing education and services.

CO 14. Explain the concept, principles, steps, tools and techniques of evaluation.

CO 15. Construct, administer and evaluate various tools for assessment of knowledge, skill and attitude

ADVANCED NURSING PRACTICE

CO1. Appreciate and analyze the development of nursing as a profession.

CO2. Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.

CO3. Explain bio-psycho-social dynamics of health, life style and health care delivery system.

CO4. Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.

CO5. Describe scope of nursing practice.

CO6. Provide holistic and competent nursing care following nursing process approach.

CO7. Identify latest trends in nursing and the basis of advance nursing practice.

- CO8. Perform extended and expanded role of nurse.
- CO9. Describe alternative modalities of nursing care.
- CO10. Describe the concept of quality control in nursing.
- CO11. Identify the scope of nursing research.
- CO12. Use computer in patient care delivery system and nursing practice.
- CO13. Appreciate importance of self development and professional advancement.

CLINICAL SPECIALITY – I MEDICAL SURGICAL NURSING

- CO1. Appreciate the trends & issues in the field of medical surgical nursing as a specialty.
- CO2. Apply concepts & theories related to health promotion.
- CO3. Appreciate the client as a holistic individual.
- CO4. Perform physical, psychosocial assessment of medical surgical patients.
- CO5. Apply nursing process in providing care to patients.
- CO6. Integrate the concept of family centered nursing care with associated disorders such as genetic, congenital and long term illness.
- CO7. Recognize and manage emergencies with medical surgical patients.
- CO8. Describe various recent technologies & treatment modalities in the management of critically ill patients.
- CO9. Appreciate the legal & ethical issues relevant to medical surgical nursing.
- CO10. Prepare a design for layout and management of medical surgical units.
- CO11. Appreciate the role of alternative system of medicine in care of patients.
- CO12. Incorporate evidence based nursing practice and identify the areas of research in the field of medical surgical nursing.
- CO13. Recognize the role of nurse practitioner as a member of medical surgical health team.
- CO14. Teach medical surgical nursing to undergraduate nursing students and in-service nurses

CLINICAL SPECIALITY - I OBSTETRICS AND GYNAECOLOGY NURSING

- CO1. Appreciate the trends in the field of midwifery, obstetrics and gynaecology as a specialty.
- CO2. Describe the population dynamics and indicators of maternal and child health.
- CO3. Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.
- CO4. Provide comprehensive nursing care to women during reproductive period and newborns.
- CO5. Integrate the concepts of family centered nursing care and nursing process approach in obstetrics and gynaecology nursing
- CO6. Identify and analyze the deviations from normal birth process and refer appropriately.
- CO7. Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse.
- CO8. Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation.
- CO9. Describe the role of various types of complementary and alternative therapies in obstetrics and gynaecology nursing
- CO10. Incorporate evidence based nursing practice and identify the areas of research in the field

of obstetrics and gynaecology nursing

CO11. Describe the recent advancement in contraceptive technology and birth control measures

CO12. Appreciate the legal and ethical issues pertaining to obstetrics and gynaecology nursing.

CLINICAL SPECIALTY – I CHILD HEALTH (PAEDIATRIC) NURSING

CO1. Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty.

CO2. Apply the concepts of growth and development in providing care to the pediatric clients and their families.

CO3. Appreciate the child as a holistic individual.

CO4. Perform physical, developmental, and nutritional assessment of pediatric clients.

CO5. Apply nursing process in providing nursing care to neonates & children.

CO6. Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.

CO7. Recognize and manage emergencies in neonates.

CO8. Describe various recent technologies and treatment modalities in the management of high risk neonates.

CO9. Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing.

CO10. Prepare a design for layout and management of neonatal units.

CO11. Incorporate evidence based nursing practice and identify the areas of research in the field of pediatric / neonatal nursing.

CO12. Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team.

CO13. Teach pediatric nursing to undergraduate students & in-service nurses.

CLINICAL SPECIALITY – I MENTAL HEALTH (PSYCHIATRIC) NURSING

CO1. Appreciate the trends and issues in the field of psychiatry and psychiatric nursing

CO2. Explain the dynamics of personality development and human behaviour

CO3. Describe the concepts of psychobiology in mental disorders and its implications for psychiatric nursing

CO4. Demonstrate therapeutic communication skills in all interactions

CO5. Demonstrate the role psychiatric nurse practitioner in various therapeutic modalities

CO6. Establish and maintain therapeutic relationship with individual and groups

CO7. Use assertive techniques in personal and professional actions

CO8. Promote self-esteem of clients, others and self

CO9. Apply the nursing process approach in caring for patients with mental disorders

CO10. Describe the psychopharmacological agents, their effects and nurses role

CO11. Recognize the role of psychiatric nurse practitioner and as a member of the psychiatric and mental health team

CO12. Describe various types of alternative system of medicines used in psychiatric settings

CO13. Incorporate evidence based nursing practice and identify the areas of research in the field

of psychiatric nursing

NURSING RESEARCH AND STATISTICS

CO1. Define basic research terms and concepts.

CO2. Review literature utilizing various sources.

CO3. Describe research methodology.

CO4. Develop a research proposal.

CO5. Conduct of a research study.

CO6. Communicate research findings.

CO7. Utilize research findings.

CO8. Critically evaluate nursing research studies.

CO9. Write scientific papers for publication

CO10. Explain the basic concepts related to statistics

CO11. Describe the scope of statistics in health and nursing

CO 12. Organize, tabulate and present data meaningfully

CO 13. Use descriptive and inferential statistics to predict results

CO14. Draw conclusions of the study and predict statistical significance of the results

CO15. Describe vital health statistics and their use in health related research

CO16. Use statistical packages for data analysis

M.SC NURSING-SECOND YEAR

NURSING MANAGEMENT

- CO1. Describe the philosophy and objectives of the healthcare institutions at various levels.
- CO2. Identify trends and issues in nursing.
- CO3. Discuss the public administration, healthcare administration vis a vis nursing administration.
- CO4. Describe the principles of administration applied to nursing.
- CO5. Explain the organization of health and nursing services at the various levels/institutions.
- CO6. Collaborate and co-ordinate with various agencies by using multi-sectoral approach.
- CO7. Discuss the planning, supervision and management of nursing workforce of various healthcare settings.
- CO8. Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care.
- CO9. Identify and analyse legal and ethical issues in nursing administration.
- CO10. Describe the process of quality assurance in nursing services. CO11. Demonstrate leadership in nursing at various levels.

CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING – NEUROSCIENCES NURSING

- CO1. Appreciate trends and issues related to neurology and neurosurgical nursing
- CO2. Review the anatomy and physiology of nervous system
- CO3. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of patients with neurological and neurosurgical disorders
- CO4. Perform neurological assessment and assist in diagnostic procedures
- CO5. Describe the concepts and principles of neurosciences nursing
- CO6. Describe the various drugs used in neurosciences and nurses responsibility.
- CO7. Assist in various therapeutic and surgical procedures in neuroscience nursing
- CO8. Demonstrate advanced skills/competence in managing patients with neurological and neurosurgical disorder following nursing process approach
- CO9. Identify psychosocial problems of patients with disabilities and assist patients and their family to cope with emotional and spiritual distress, grief and anxiety
- CO10. Participate in preventive, promotive and rehabilitative services for neurological and neurosurgical patients.
- CO11. Explain the legal and ethical issues related to brain death, organ transplantation and practice of neuroscience nursing
- CO12. Incorporate evidence based nursing practice and identify the areas of research in the field of neuroscience nursing
- CO13. Organize and contact in-service education program for nursing personnel
- CO14. Develop standards of care for quality assurance in neuroscience nursing practice
- CO15. Identify the sources of stress and manage burnout syndrome among healthcare providers
- CO16. Teach and supervise nurses and allied health workers

CO17. Plan and develop physical layout of neuro intensive care unit

CLINICAL SPECIALITY – II OBSTETRICS AND GYNAECOLOGY NURSING

CO1. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynaecological conditions.

CO2. Perform physical, psychosocial, cultural and spiritual assessment.

CO3. Demonstrate competence in caring for women with obstetrical and gynaecological conditions

CO4. Demonstrate competence in caring for high risk newborn

CO5. Identify and manage obstetrical and neonatal emergencies as per protocol.

CO6. Practice infection control measures.

CO7. Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical, gynecological and neonatal care

CO8. Demonstrate skill in handling various equipments/gadgets used for obstetrical, gynaecological and neonatal care

CO9. Teach and supervise nurses and allied health workers

CO10. Design a layout of specialty units of obstetrics and gynecology

CO11. Develop standards for obstetrical and gynaecological nursing practice

CO12. Counsel women and families

CO13. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetrical and gynaecology nursing

CO14. Function as independent midwifery nurse practitioner

CLINICAL SPECIALITY – II PEDIATRIC (CHILD HEALTH) NURSING

CO1. Apply the nursing process in the care of ill infants to pre adolescents in hospital and community

CO 2. Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems

CO 3. Recognize and manage emergencies in children

CO 4. Provide nursing care to critically ill children

CO 5. Utilize the recent technology and various treatment modalities in the management of high risk children

CO 6. Prepare a design for layout and describe standards for management of pediatric units/hospitals

CO 7. Identify areas of research in the field of pediatric nursing

CLINICAL SPECIALITY – II PSYCHIATRIC (MENTAL HEALTH) NURSING

CO1. Apply the nursing process in the care of patients with mental disorders in hospital and community

CO2. Demonstrate advanced skills/competence in nursing management of patients with mental disorders

CO3. Identify and care for special groups like children, adolescents, women, elderly, abused and neglected people living with HIV/AIDS

- CO4. Identify and manage psychiatric emergencies
- CO5. Provide nursing care to critically ill patients with mental disorders
- CO6. Utilize the recent technology and various treatment modalities in the management of patients with mental disorders
- CO7. Demonstrate skills in carrying out crisis intervention
- CO8. Appreciate the legal and ethical issues pertaining to psychiatric nursing
- CO9. Identify areas of research in the field of psychiatric nursing
- CO10. Prepare a design for layout and describe standards for management of psychiatric units/emergency units/hospitals
- CO11. Teach psychiatric nursing to undergraduate students & in-service nurses
