



**MGM INSTITUTE OF HEALTH SCIENCES**  
(Deemed to be University) **Grade 'A' Accredited by NAAC**

## **MGM NEW BOMBAY COLLEGE OF NURSING**

5<sup>th</sup> Floor, MGM Educational Campus, Plot No. 1 & 2, Sector-1  
Kamothe, Navi Mumbai – 410 209.

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### **Transplant Nursing Care** **Value added course**

**Target Audience: 4th Year B.Sc. Nursing students**

**Venue: Virtual Mode**

**Dates: 21<sup>st</sup> and 22<sup>nd</sup> September 2021**

**Time : 9 to 5 pm**

**Duration: 16 hours**

**Course objectives:** This course aims to provide nursing students with the knowledge and develop skills to manage patients undergoing Organ transplantation and post Organ transplantation effectively.

**Specific objectives:**

At the end of course the students will be able to

- State the meaning of organ transplantation
- Identify the indications, contraindications and complications of organ transplantation.
- Describe the regulatory requirements for organ transplantation.
- Provide, intra, pre and post-operative care of patients undergoing organ transplantation.
- Recognise the legal and ethical issues in organ transplantation.
- Distinguish prevention and control of infection in organ transplant units.
- Educate transplantation patient about home and follow up care.

#### **Day 1: 21<sup>st</sup> September 2021**

Timing	Topic
09.00 AM to 9.30 AM	Pretest Introduction to course
09.30 AM to 10.00 AM	Introduction to Organ Donation What is Organ donation Need of Organ donation Type of organ Donation
10.00 Am to 10.15 AM	Question answer
10.15 AM to 10.45 AM	Indication and contraindication for Organ donation <ul style="list-style-type: none"><li>- Brain stem death identification and maintenance</li><li>- Pre-condition for Potential Organ donation</li><li>- Contraindication to donation</li></ul>

10.45 AM to 11.00AM	Question answer
11.00 AM to 11.30 AM	Legal and Ethical issues in Organ Donation <ol style="list-style-type: none"> <li>1. Basic Legal definitions</li> <li>2. Different Forms and formalities</li> </ol> Silent points of HOTA
11.30 AM to 11.45 AM	Question answer
11.45 AM to 12.30 PM	Infection control and prevention in Transplantation Units
12.30 PM to 12.45 PM	Question answer
12.45 PM to 01.45 PM	Lunch break
01.45 PM to 02.15 PM	Management of Corneal transplant- donor and Recipient <ol style="list-style-type: none"> <li>1. Indication for Corneal transplant</li> <li>2. Recipient and donor preparation for transplant</li> <li>3. Post-Transplant Care</li> <li>4. Complications</li> <li>5. Rehabilitation</li> </ol>
02.15 PM to 02.30 PM	Question answer
02.30 PM to 03.00 PM	Management of Heart & Lungs transplant- donor and Recipient <ol style="list-style-type: none"> <li>1. Symptoms of Heart &amp; Lungs Failure</li> <li>2. Recipient and donor preparation for transplant</li> <li>3. Post-Transplant Care</li> <li>4. Complications</li> <li>5. Immunosuppression drug use</li> <li>6. Rehabilitation</li> </ol>
03.00 PM to 03.15 PM	Question answer
03.15 PM to 03.45 PM	Management of Liver transplant- donor and Recipient <ol style="list-style-type: none"> <li>1. Symptoms of Liver Failure</li> <li>2. Recipient and donor preparation in Deceased and Living transplant</li> <li>3. Post-Transplant Care</li> <li>4. Complications</li> <li>5. Immunosuppression drug use</li> <li>6. Rehabilitation</li> </ol>
03.45 PM to 04.00 PM	Question answer
04.00 PM to 04.30 PM	Management of Kidney transplant- donor and Recipient <ol style="list-style-type: none"> <li>1. Symptoms of Kidney Failure</li> <li>2. Recipient and donor preparation in Deceased and Living transplant</li> <li>3. Post-Transplant Care</li> <li>4. Complications</li> <li>5. Immunosuppression drug use</li> <li>6. Rehabilitation</li> </ol>
04.30 PM to 04.45 PM	Question answer
04.45 PM to 05.00 PM	Recapitulation

## Day 2: 22<sup>nd</sup> September 2021

Timing	Topic
09.00 AM to 9.30 AM	Regulatory requirements - agencies and its functions <ol style="list-style-type: none"><li>1. Role of ZTCC and different Government organization in Organ Donation ( ZTCC, ROTTO-SOTTO, NOTTO)</li></ol>
9.30 AM to 10.00 AM	<ol style="list-style-type: none"><li>2. Role of Hospital administrative in transplant program</li></ol>
10.00 AM to 10.15 AM	Question answer
10.15 AM to 10.45 AM	Hand Transplant <ol style="list-style-type: none"><li>1. Indication</li><li>2. Recipient and donor preparation for transplant</li><li>3. Post-Transplant Care</li><li>4. Complications</li><li>5. Immunosuppression drug use</li><li>6. Rehabilitation</li></ol>
10.45 AM to 11.00 AM	Question answer
11.00 AM to 11.30 AM	Counselling- who can counsel and what to counsel? Counselling to Donor Family Counselling to Recipient Family
11.30 AM to 11.45 AM	Question answer
11.45 AM to 12.15 PM	Bone marrow Donation and transplantation <ol style="list-style-type: none"><li>1. Indication</li><li>2. Recipient and donor preparation for transplant</li><li>3. Post-Transplant Care</li><li>4. Complications</li><li>5. Immunosuppression drug use</li><li>6. Rehabilitation</li></ol>
12.15 PM to 12.30 PM	Question answer
12.30 PM to 01.15 PM	Lunch
01.15PM to 02.15 PM	Multi Organ Retrieval and Transplant <ol style="list-style-type: none"><li>1. Process of Organ retrieval</li><li>2. Preservation process and timing</li></ol>
02.15 PM to 02.30 PM	Question answer

02.30 PM to 03.30 PM	Discharge Education 1. Instruction to patients at the time of discharge 2. General Home care 3. Follow up care
03.30 PM to 03.45 PM	Question answer
3.45 pm- 4.15 pm	Role of a Nurse in organ donation and transplant
4.15 pm - 5.00 pm	Recapitulation Post test Concluding Remark

Note : Only 25 Participants will be considered for the course on first come first served basis.

Course Evaluation: Pre-test Post test

Course Fee: Nil

Name of the Co-ordinator: Dr. Jyoti Chaudhari (Associate Professor , MGMNBCON )