CCTN® Exam Review

Course Description
This course combines content addressing domains of cognitive ability, critical thinking, clinical practice, research and evidence-based practice. This clinical and certification test review is based on a topical outline from the American Board for Transplant Certification. This course is designed for the experienced transplant nurse to focus his or her review of transplant content in preparation for the professional certification examination. This course also serves as a concise clinical update on care of the transplant patient from initial evaluation for transplant candidacy through transplantation, postoperative care, hospital discharge and follow-up.

Program Learning Outcomes
This program prepares the learner to:

- Articulate clinical and lab findings consistent with end-stage hepatic failure indicating possible transplant candidacy and make appropriate changes to the patient and family plan of care.
- Differentiate clinical and lab findings associated with organ rejection vs. acute infection.
- Identify potentially abnormal blood levels of immune-modulating agents and make appropriate recommendations for titration of therapy.
- Differentiate between hyperacute, acute and chronic rejection in the solid organ recipient and make appropriate recommendations for clinical management.
- Apply critical thinking strategies in managing the transplant patient in all phases of care from initial evaluation through transplant surgery, hospital discharge and follow-up.

Agenda
Sign-in begins at 7:30 am. Each day includes a one-hour lunch (on your own), as well as a morning and afternoon break of 15 minutes each. The order of lectures presented and break times may vary according to speaker preference.

Day 1, 8:00 am to 4:00 pm

0800 Welcome and Introduction
0815 Pathophysiology of Hepatitis C
Hepatitis C Pathophysiology | Pathway to Hepatic Failure
0900 Multiple Indications for Liver Transplantation
Fulminant Hepatic Failure | Hepatocellular Carcinoma | Toxin Exposure | MELD Score Factors and Calculation
0945 Break
1000 Considerations for the Patient in Hepatic Failure or Preop Liver Transplant Patient
Multisystem Support | Neurologic Issues | Bleeding Issues
1045 Clinical Effects of Organ Failure Consequent to Hepatic Injury
Brain Failure | Renal Consequences | Pulmonary Consequences | Hemodynamic Consequences
1200 Lunch
1300 Kidney and Pancreas Transplantation
Kidney Transplant Indications | Pancreas Transplant Indications
1345 Management Considerations for Kidney and Pancreas Recipients
Kidney Transplant Intraoperative Phase | Kidney Transplant Postoperative Phase | Pancreas Transplant Intraoperative Phase | Pancreas Transplant Postoperative Phase

(continued)
Day 2, 8:00 am to 4:00 pm

0800 Immune System Physiology
Immune System Anatomy and Physiology | Organ Recipient Issues | Physiology of Organ Rejection

0845 Immune Modulating Medications
Classes of Agents

0915 Side Effects, Nursing Considerations and Indications of Immune Modulating Agents
Calcineurin Inhibitors | Cyclosporine | Immune Globulin | Steroids | Timing of Therapy

0945 Break

1000 Assessment and Monitoring Parameters Associated with Post-transplant Complications
Heart Transplant | Liver Transplant | Kidney Transplant | Pancreas Transplant | Lung Transplant | Infectious Complications | Psychosocial Concerns

1200 Lunch

1300 Clinical Findings of End-Stage Cardiac and Pulmonary Failure as Indications for Transplantation
Cardiac Failure | Pulmonary Failure

1430 Break

1445 Patient and Family Education
Pre-Transplant Education | Post-Transplant Education | Discharge Planning

1545 Ethical Considerations
Confidentiality

1600 Adjourn

Accreditation

RN/LPN/LVN/Other: 13 Contact Hours
Includes 3 Pharmacology Contact Hours

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If your profession is not listed, we suggest contacting your board to determine your continuing education requirements and ask about reciprocal approval. Many boards will approve this seminar based on the accreditation of the boards listed here.

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