

Drug Therapy in Solid Organ Transplantation

1. Demonstrate knowledge of the immune system's involvement in transplantation by developing various strategies to prevent rejection.
2. Construct appropriate immunosuppressant regimens for solid organ transplant recipients and appropriately modify based on organ function and patient-specific factors.
3. Evaluate the risk of drug-related adverse events and interactions in the patient with solid organ transplant and develop appropriate management strategies based on patient history, risk factors, and comorbid disease states.
4. Develop education plans for the patient with solid organ transplant and caregivers regarding appropriate use and toxicities of immunosuppressant drugs.
5. Devise a plan to treat solid organ transplant rejection based on characteristics of the rejection episode and patient-specific factors.
6. Devise a care plan for the long-term management of the patient with solid organ transplant.

Clinical Immunizations

1. Assess literature regarding immunogenicity of different types of influenza vaccine.
2. Evaluate a patient case to determine whether a specific vaccine is recommended.
3. Evaluate studies for alleged associations between vaccines and adverse effects.
4. Evaluate alternative and selective vaccine-dosing schedules.
5. Analyze usability of potential HIV and vaccinia/anthrax vaccines.

Implementing a Pharmacy-Based Immunization Program

1. Apply the skills needed to effectively organize, market, and implement a safe and efficient pharmacy-based immunization service.
2. Devise a policy for vaccine storage and handling.
3. Devise an exposure control plan and needle stick policy that meets Occupational Safety and Health Administration regulations.

4. Develop a plan to evaluate the financial value of a pharmacist immunization service including compensation and reimbursement for vaccines and vaccine administration and compliance with legal and regulatory issues.

5. Assess resources that may be used to identify vaccine candidates in compliance with the recommendations of the Advisory Committee on Immunization Practices.