### COMPLETED PROJECTS

#### Patient Monitoring & Electronic Monitors
- **Patient Monitoring Task Force and Patient Monitoring Practices Project Team**
- Purchase and deployment of 245 electronic, multiparameter monitors, central network and paging system across 13 patient care units and many ambulatory areas.

#### Temperature Monitoring & Thermometers
- **Temperature Monitoring Task Force**
- Development of Temperature Monitoring Guidelines to provide standards for appropriate route and temperature measurement practices
- Purchase and deployment of 515 thermometers across all areas of hospital with one thermometer per patient bedspot in all patient care areas

#### Patient Safety & Equipment
- **Prevention of Entanglement Task Force**
- Development of two policy documents:
  - Prevention of Entanglement, Strangulation, Entrapment and Falls Related to Medical and Non-Medical Equipment
  - Inpatient Safety Checklist
- Purchase of foam bed-gap reduction devices
- Use of Medical Line Stabilizer (or modified corrugated oxygen tubing) to stabilize tubings and cords for at-risk patients

#### Patient Care Refrigerators
- **Refrigerator/Frezer Task Force**
- Recommendations for safe storage of critical nutrition and medication products
- Assessment of patient care refrigerator and freezer requirements throughout hospital
- Policy, Guidelines and Procedures for Patient Care Refrigerators including guidelines for locking of expressed breast milk
- Purchase and installation of 165 patient care refrigerators and freezers in all inpatient and ambulatory areas.

### CURRENT PROJECTS

#### IV Therapy & Infusion Pumps
- **IV Project Advisory Group and Core Project Team**
- Mandate:
  - Review and revise IV Therapy Policies, Guidelines and Procedures
  - Purchase new IV pumps with Drug Error Reduction capabilities
- Underway: literature review, practice review, surveys of other hospitals
- Next Steps: Hospital site visits, RFI, RFP, clinical evaluation

#### Beds & Therapeutic Surfaces
- **Beds & Therapeutic Surfaces Committee and Core Project Team**
- Mandate: to develop and maintain a bed and therapeutic surface strategy, including a management/replacement program; identification of patient needs and staff safety requirements
- Underway: literature search, practice review
- Next steps: surveys of other paediatric centres, bed demos

#### Enteral Feeding & Feeding Pumps
- **Enteral Feeding Task Force**
- Research into feeding pumps which are suitable for all paediatric patients (from birth to 18 years)
- Next steps: Development of working group to review current enteral feeding practices, conduct literature review and surveys of other hospitals
- Review current Policies, Guidelines and Procedures to reflect best practice
- Clinical evaluation of new pumps

### Implementation & Education Strategies

- When new technologies are implemented, the emphasis is placed on the new or revised standards of practice and the technology is identified as a tool to support the practice
  - Super User classes: to foster practice/technology experts in all patient care areas
  - Nurse Educators: present practice changes to nursing staff in formats which work best in their areas
  - Computer Based Training: available on the Nursing website
  - In-services and staff meetings: to share information about the projects and provide education
  - Vendor clinical support: contracts include specific details about the expected support from the vendor during implementation to ensure night and weekend coverage

### Key Success Factors

- Executive support for projects
- Understanding of hospital culture to ensure implementation strategies are aligned
- Positive and collaborative relationship with personnel from a wide variety of departments
- Practice review and development of standards precedes technology acquisition
- Identification and consultation with all stakeholders in the development of new standards and acquisition of new technologies
- Comprehensive support for nursing staff during and after implementation of new practice guidelines and technologies
- Clear and mutual understanding of vendor responsibilities in all project phases