

Pharmacy

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Professional Practice Leader (Charlton, King, West 5th)

Scope of Practice

Pharmacists are regulated health care professionals, licensed by the Ontario College of Pharmacists (OCP), who follow the National Association of Pharmacy Regulatory Authorities (NAPRA) Model of Standards of Practice for Canadian Pharmacists.

Pharmacy technicians are also regulated health care professionals, licensed to practice by OCP, and follow the NAPRA Model Standards of Practice for Canadian Pharmacy Technicians.

Number of Members of Discipline:

SITE	FTE	PTE	POSITION
Charlton	34		Pharmacists / Pharmacotherapy Specialists
	46		Pharmacy Technicians
	4		Supervisors
Charlton—Retail	1.5		Pharmacist
	3.5		Pharmacy Technicians
King	1		Pharmacist
	1		Pharmacy Technician
West 5th	8.8		Pharmacists
	9		Pharmacy Technicians
Charlton/King/Retail/ West 5th	4		Managers
	1		Senior Manager
Charlton/King/Retail/ West 5th	1		Director

Major Achievements

- Implemented Pharmacy Integrated Quality and Operations Committee
- Launched Pharmacy Practice Council
- Completion of redevelopment of sterile compounding facility that is compliant with regulatory standards
- Successful completion of Accreditation Canada Survey with compliance for all Medication Management and Medication Reconciliation standards and Required Organizational Practices (ROP)

CARING

- Expanded scope of practice for pharmacists to prescribe Paxlovid expanded to include inpatient pharmacists
- Expanded scope of practice for pharmacists to prescribe for additional Minor Ailments implemented in Retail Pharmacy
- Continued to deliver pharmacy services to support the Satellite Health Facility and Alternate Level of Care with the addition of a dedicated clinical pharmacist
- Supported several bed openings and patient care unit moves with clinical pharmacy and operational pharmacy services
- Implemented additional clinical pharmacist support within surgical program in response to 2022 review of clinical pharmacy services provided at Charlton Campus

CARING Continued...

- Organized ongoing vaccine and staffing supporting the Inpatient Mobile Vaccine clinic, COVID vaccinations for SJHH staff, and administration of COVID vaccines in Retail Pharmacy – over 1300 doses administered in 2023
- Launched the Pharmacy Integrated Quality and Operations Committee who led development of a strategic action plan and identification of strategic priorities for 2024, including workflow/process optimizations and development and implementation of a professional development program for pharmacy.
- Supported 2 Patient and Family Advisors on the Medication Management Integrated Quality and Operations Committee providing patient perspective on Medication Management initiatives throughout SJHH.
- Increased pharmacy staff involvement within pharmacy, program and hospital level committees. Pharmacy team represented on 24 different hospital committees and 5 departmental committees
- Led the review and update for 21 medication related policies to support high quality care and medication use best practices
- Leader in preparation for Accreditation visit to ensure compliance with Medication Management standards and Medication Reconciliation ROPs.
- Successful Accreditation Canada visit with all Medication Management Standards and Medication Reconciliation ROP standards being met.
- Collaborative Practice:
 - ◊ Launched order set for Kadian (morphine sulfate) therapy to align with current Opioid Agonist Therapy guidelines and best practices in collaboration with the Substance Use Service.
 - ◊ Developed Medication Reconciliation Action Plan to support high quality medication reconciliation at transitions of care



LEARNING

Education:

Clinical Education

- Three EPE-2 summer student placements, including experiential learnings, from University of Toronto – 3 pharmacist preceptors – 1 first time preceptor
- Clinical rotations for 19 PharmD pharmacy students from University of Waterloo (8-weeks each) and University of Toronto (APPE 5 weeks each) – 16 pharmacist preceptors, 2 first-time preceptors
- 7 pharmacy technician student placements from Mohawk College
- Clinical rotations for two Hospital Pharmacy Residents - 16 pharmacist preceptors
- Supported 1 Structured Practical Training student in 2023, 1 Pharmacy Technician preceptor
- Supported 3 formal Job Shadow experiences with 3 pharmacy preceptors
- Pharmacy Residency Program Accredited with 6-year award

LEARNING

Education Continued...

Formal Teaching

- McMaster University Department of Medicine Assistant Clinical Professor (Adjunct) (Pharmacist Shyam Maharaj)
- McMaster University Department of Medicine Psychopharmacology in UGMF 5 sessions (Pharmacist Phil Laplante)
- Mohawk College Institute of Applied Health Sciences. Allied Health-Academic Delivery Department. Post Secondary Professor (Pharmacist Cassandra Hughes)

Internal Education

- Antimicrobial Stewardship Program (ASP) teaching rounds, and Infectious Disease teaching rounds and consultations
- Critical care, nephrology and psychiatry interprofessional teaching to medical residents
- Renal transplant patients and nursing staff – medication and discharge teaching
- Hemodialysis nursing staff – medication teaching
- Psychiatry patients and nursing staff – medication and discharge teaching on Acute Mental Health, West 5th
- Out-patients on anticoagulants (e.g. warfarin) receive education and follow-up monitoring- Pharmacist Managed Anticoagulation program
- Out-patients with chronic respiratory diseases enrolled in an educational eight-week program - Respiratory Rehabilitation Day Program
- Clinical and non-clinical rotations supporting the Pharmacy Residency program (2023) – two Pharmacy Residents
- Weekly pharmacist education sessions presented by pharmacy learners and pharmacy team members
- Updated Medication Reconciliation Tip Sheet for Dovetale and training video used in Medication Reconciliation training for all staff

- Communication of Critical Drug Shortages and therapeutic alternatives to prescribers
- Pharmacy and Therapeutics Quarterly Newsletter developed and launched in Oct 2023 in collaboration with the Pharmacy and Therapeutics Committee

Research:

- Pharmacy Research Project - Quantifying Clinical Pharmacy Key Performance Indicators (cpKPIs) at St. Joseph's Healthcare Hamilton (SJHH) using a Standardized Documentation Approach: A Quality Improvement Initiative. Pharmacy Resident Kaitlyn Sellers. 2023
- Pharmacy Research Project - Vaccination of Vaccine-Preventable-Diseases in the Kidney Transplant Population – A Single-Centre Study. Pharmacy Resident Lisa Ros-Choi. 2023
- Pharmacy Residency Program Systematic Review- Pharmacogenetic-Guided Opioid Therapy in Pain Management: A Systematic Review. Pharmacy Residents Eulaine Ma and Kim (Mary) Dang
- Pharmacy Supported Research Activities - Pharmacy Research Pharmacotherapy Specialist Christine Wallace and the Pharmacy Technician team support research activities, involving investigational or marketed medications, conducted by research investigators at SJHH.
 - ◇ In 2023 the pharmacy team supported a total of 40 research protocols including study implementation, randomization, dispensing and monitoring
 - ◇ Pharmacy Residency research projects: 2.

Publications:

Journal Article:

- Bell, M; Holbrook A; Wallace C; Hanel E; Rigg K. Characteristics of Drug Poisonings Presenting to the Emergency Department: An Electronic Medical Record Database Analysis – accepted for publication in the Canadian Journal of Hospital Pharmacy

Publications Continued...

Poster and Presentation:

- Vaccination of Vaccine-Preventable-Diseases in the Kidney Transplant Population – A Single-Centre Study – Presented by: Lisa Ros-Choi, St. Joseph’s Healthcare Hamilton (CSHP Ontario Branch Residency Research Night (July 2023)), 1st place award
- Sellers, K; Wright, A; Wallace, C; Nieuwstraten, C; Quantifying Clinical Pharmacy Key Performance Indicators (cpKPIs) at SJHH using a Standardized Documentation Approach: A Quality Improvement Initiative- Presented by Kaitlyn Sellers, SJHH (CSHP Ontario Branch Residency Research Night (July 2023))

BUILDING

Staff

Emerging Leaders Program (2023-2024)

- Milena Kudus – Pharmacotherapy Specialist
- Kaitlin Wilson – Automation Analyst

Hospital Pharmacy Residency Program, ACPR

- Pharmacists Lisa Ros-Choi and Kaitlyn Sellers graduated with the ACPR Hospital Resident credentials in 2022-2023
- Eulaine Ma and Kim (Mary) Dang enrolled in the twelve-month pharmacy residency program for 2023-2024

BCE Pharma On-Site Sterile Compounding Workshop

- Pharmacy Supervisors Kaitlyn Kowalski, Mary Hatcher and Andrea Zelem successfully obtained external hazardous and non-hazardous sterile compounding training and certification as required by NAPRA

Re-Certification in Sterile Compounding including Hazardous and Non-Hazardous Compounding (Pharmacy Technicians)

Certified Diabetes Educators

- Stephanie Gilbreath, Pharmacy Manager
- Marita McQuaid, Pharmacist
- Kyle Yang, Pharmacist

Professional Practice Development

- Launched the Pharmacy Practice Council to support professional development and practice advancement initiatives within Pharmacy department. Achievements to date include:
 - ◊ Development of Terms of Reference
 - ◊ Development of Pharmacist and Pharmacy Technician Competencies to support performance review process
 - ◊ Review and implementation of updates to Transfer of Accountability for Pharmacy Personnel policy to align with Accreditation requirements and best practice standards
 - ◊ Review and implementation of updates to Education Policy for continuing education support
 - ◊ Development of tools and resources highlighting educational opportunities within and external to SJHH
- Continuing Education presentations by pharmacists, students, guests, and residents on current continuing education topics (i.e. weekly at Charlton and West 5th)
- Pharmacy and Therapeutics (P & T) Committee - development of submissions and presentations to P&T including updates to drug shortage strategies, 11 additions to formulary, 69 formulary deletions, 6 practice change approvals, 24 infusion pump guardrail updates, 5 therapeutic interchange updates, 14 hazardous medication classification updates



LEADING

- Completed Omnicell implementation at King and West 5th sites
- Completed Implementation of SwissLog Boxpicker Inventory Management System and associated workflows
- Completed redevelopment of sterile compounding facilities in compliance with regulatory standards and implemented new workflows to support high quality preparation of sterile IV products (including hazardous products) at Charlton Campus – sterile and hazardous products prepared for all 3 sites using updated facilities
- Volunteered as pilot area for the implementation of the Idea and Innovation Board initiative, leading to 45 staff- led suggestions, of which 22 have been implemented and several in progress
- Developed and implemented Pharmacy Team Issue Tracker for transparency of larger projects and initiatives
- Leader of strategies to conserve drugs in low supply and mitigate drug shortages (i.e at SJHH with strategies presented to Pharmacy & Therapeutics, across the region and Ontario, and in collaboration with other Directors and Canadian hospital committees)
- Lead enhancements for Dovetale optimization including order sets, improved documentation tools, supporting ambulatory clinic best practices for ordering, administration and documentation of IV medications, formulary additions and new therapies, back-order management
- Successful OCP assessments at Charlton, King, and Retail Pharmacy
- Innovative leadership and pharmacy support to Qikiqtani General Hospital and Community Health Centres in Nunavut and local area – clinical pharmacist and technician coverage on-site, on-site and remote leadership by the SJHH Director Carmine Nieuwstraten and Senior Manager Sumanth Kalidoss



External Activities:

Presentations

- Overview of Glomerulonephritis and Therapy – Presented by Alison Shipley at the 24th Annual Kidney Urinary Conference (April 2023)
- Pharmacokinetic Review of Tacrolimus Formulations– Presented by Cathy Burger to Unity Health Outpatient Transplant Clinic (June 2023)

Committees

- Hamilton Integrated Research Ethics Board (HiREB)
- Hamilton Health Sciences—Pharmacy and Therapeutics Committee and Antimicrobial Sub-Committee
- Hamilton Niagara Haldimand Brant Burlington – Hospital Pharmacy Director Committee
- Ontario Pharmacy Directors Forum
- Mohawk Medbuy:
 - ◊ Pharmacy Committee and Buyer’s Committee
 - ◊ Pharmacy Committee’s Strategic Planning Subcommittee

LEADING Continued...

Committees

- Pharmacy Residency Forum of Ontario (PRFO)
- Regional Infection Prevention and Control Committee
- Renal Pharmacists Network 2023-2024
- Pharmacy Examining Board of Canada (PEBC) OSCE—Chief Examiner
- PEBC OSCE Pharmacist Exam—Assessors
- Provincial Quality Standards for Schizophrenia
- Ontario Renal Network (ORN) GN Drug Access Task Group
- Mohawk College Pharmacy Technician Advisory Committee
- Canadian Society of Hospital Pharmacists (CSHP) Activities:
 - ◊ Drug Information, Critical Care, Psychiatric Pharmacists and Infectious Disease Specialty Networks
 - ◊ CSHP DUE Ontario Pharmacists Group
 - ◊ CSHP National Awards—appraiser
 - ◊ CSHP Canadian Hospital Pharmacy Residency Surveyor Group



Major Initiatives for 2024/25:

CARING

- Implement Medication Reconciliation Action Plan on behalf of the Medication Reconciliation Steering Committee
- Implement processes and workflows to align with Pharmacy Integrated Quality and Operations Committee (PIQOC) priority initiatives
- Implement updates to Safe Handling of Hazardous Medications Policy to improve patient and staff safety when handling these medications
- Collaborate to support implementation of IV medications at the W5th campus
- Implement additional expanded scope of practice for pharmacist activities (Oseltamivir prescribing) for inpatient pharmacy teams (Charlton and West 5th)

LEARNING

- Enhance preceptor training and development activities with goal of increasing preceptor pool for Pharmacist and Pharmacy Technician preceptors

BUILDING

- Target outputs from the Pharmacy Practice Council include review and update to pharmacy clinical documentation standards policy
- Develop a Pharmacy Professional Development Program (PIQOC priority initiative)

LEADING

- Implement software upgrade for Alaris IV pumps hospital wide