

Melanie Dorey, R.Ph.T

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Public Speaking

- September 2023 - PTSA Annual Conference - Policy and Procedures: Not just for Pharmacists!
- May 2023 - MSHP Annual Meeting - Cleanroom Contamination Control: You can make all the difference!
- April 2023 - CAPhO 2023 - Investigation and Remediation of Excursions in HD Compounding Environments
- December 2022 - Subject Matter Expert on a Panel answering questions on USP 797 (2023) for Contec Healthcare at ASHP Midyear 2022.
- June 2022 - Podcast Episode 0.37 - CPhT Connect Goes to Canada with Mike Johnston and Melanie Dorey R.Ph.T - National Pharmacy Technician Association (NPTA)
- May 2022 - Canadian Society of Hospital Pharmacists (CSHP) - Hospital 101 e-learning - Basics of Aseptic Compounding Lecture by Melanie Dorey R.Ph.T
- May 2022 - Cleanovators Virtual Summit 2022 - Contec Healthcare - Pharmacy – Nursing: A tale as old as time...

Published Work and Research

- May 30th, 2023 - Protect Workers During Nonsterile Hazardous Drug Compounding: Yes, the Risks are Real! By: Melanie Dorey R.Ph.T and Kate Douglass, MS, RN
- May 2023 - Pharmacy Purchasing & Products Vol 20. No. 5 Page 8. Navigating Hazardous Drug Facility Design. By: Mary Nazzal, PharmD Melanie Dorey, RPhT David R. Phillips.
- Spring Issue 2022 - Hospital Pharmacy in Ontario - CSHP - MY JOURNEY AS A REGISTERED PHARMACY TECHNICIAN by Melanie Dorey R.Ph.T
- February 2017- Refining PPE Usage for HD Compounding Part 1. Pharmacy Purchasing and Products. By: Kate Douglass, MS, RN, Amanda Richter, CPhT Melanie Dorey, RPhT, Izzat Rizvi



Melanie Dorey, Owner & Consultant
Critical Compounding Resources
Offering services in Canada and the United States

Melanie Dorey, R.Ph.T

Critical Compounding Resources
CEO & Consultant

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Subject matter expert with a mission to deliver practical training and guidance with purpose and passion that assists compounding pharmacies to provide best in class quality care to patients.



EDUCATION

2004 / 2006

La Cite Collégiale

PHARMACY TECHNICIAN

PROGRAM (COLLEGE DIPLOMA)

2000 / 2004

Louis-Riel

FRENCH CATHOLIC PUBLIC

HIGH SCHOOL DIPLOMA

LANGUAGES

English & French

SKILLS

Resilience	Patience
Professional	Organization
Ethical	Leadership
Critical thinking	Interpersonal

WORK EXPERIENCE

CRITICAL COMPOUNDING RESOURCES

Ottawa, Ontario, Canada

CEO, Consultant, Subject Matter Expert

2022 / Current

- Consult with clients in both Canada and the US on sterile and nonsterile compounding
- Provide competency assessments
- Present lectures and training to pharmacy personnel
- Offer subject matter expertise to provincial college of pharmacies
- Participate in voluntary committees with NAPRA to provide guidance on competencies
- Write and publish industry newsletters and articles
- Develop eLearning for pharmacy professionals
- Develop and review standard operating procedures
- Work with marketing/web designer on social media releases, website development, review content and analyse data
- Collaborate with other industry experts to improve pharmacy compliance

CONTEC HEALTHCARE

Spartanburg, South Carolina, United States

Clinical Advisory Committee

2021 / Current

- Provide feedback related to product development
- Discuss practice issues within healthcare organizations
- Revise and edit documentation
- Source items
- Provide feedback related to the Canadian market

WORK EXPERIENCE CONTINUED

NAPRA COMPOUNDING STANDARDS

Ottawa, Ontario, Canada

Volunteer Compounding Competency Working Group: 2020 / 2022

- Review drafted competencies
- Provide written and live feedback to the developed competencies
- Compare NAPRA compounding standards with the drafted competencies
- Share expertise on specific concerns from pharmacy stakeholders

ONTARIO COLLEGE OF PHARMACISTS

Toronto, Ontario, Canada

Stakeholder Input/Focus Group 2019 / 2020

- Review each section of the OCP assessment tool and its relationship to public safety
- Provide feedback on the inspection assessment tool for sterile and nonsterile pharmacy inspectors
- Provide explanation and reasoning on why a section is weighed

CRITICALPOINT LLC

Totowa, New Jersey, United States

Live, Virtual and Onsite Faculty Member 2018 / 2021

- Deliver lectures to pharmacy customers (Managers, Directors, Pharmacists, Technicians, Inspectors, etc.) during live training
- Lectures related to handling hazardous drugs, hand hygiene and garbing, cleaning and disinfection, operator conduct, aseptic technique, material handling and other contamination control elements
- Answer questions throughout the live and virtual lectures
- Provide guidance to facility specific issues or concerns
- Create and review new lectures and labs for future classes

Subject Matter Expert & Editor - eLesson Content 2015 / 2021

- Review mathematics equations for accuracy
- Work with Instructional Design personnel to create interactive content
- Work with other subject matter experts to verify accuracy of information
- Update content to reflect new regulatory requirements
- Create eLessons with Articulate software (Storyline and Rise)
- Review post test for accuracy

Subject Matter Expert - Aseptics 2015 / 2021

- Create aseptic manipulation exercises to mimic real life scenarios
- Create and edit aseptic videos for teaching purposes
- Create power points for eLesson and lectures
- Create and review post test questions
- Create labs for in class teaching
- Review and update standard operating procedures

Subject Matter Expert - Sterile Compounding

2015 / 2021

- Yearly review of SOPs, compounding tools and other documents
- Answer questions on the Peer Network related to my expertise
- Create and host webinars related to sterile and nonsterile compounding elements
- Write and create interactive pearls of knowledge newsletter
- Participate in photo and video shoots

Live Offsite Training Lead Faculty

2017 / 2021

- Travel to client sites (healthcare organizations, compounding pharmacies, etc.) to provide customized lectures and competency assessment for compounding personnel
- Prepare customized agendas, lectures, and competency forms in preparation for offsite visit and training
- Tour the facility and provide verbal and written feedback of their operation
- Answer questions and address concerns related to their compounding operation
- Provide solutions and resources if needed

Subject Matter Expert - Nonsterile Compounding

2018 / 2021

- Develop content for eLessons on nonsterile compounding
- Work with the Instructional Designer on creating interactive eLessons
- Create and verify post tests
- Create and review all nonsterile compounding SOPs

CHILDREN'S HOSPITAL OF EASTERN ONTARIO (CHEO)

Ottawa, Ontario, Canada

Registered Pharmacy Technician

2006 / Current

CIVA Room (sterile compounding cleanroom):

- Prepare hazardous drugs in the oncology pharmacy satellite (negative pressure cleanroom suite) following all HD protocols related to worker safety and HD residue containment
- Follow cleaning and disinfection processes and procedures for PECs and ISO Class 7 and 8 sterile room
- Use IV workflow technology and camera system for compounding documentation and final checking
- Prepare unit dose IVs in ISO Class 5 PEC following all rules associated with proper aseptic technique and USP 797/NAPRA
- Prepare sterile CSP batching (PFS, minibags, large volume solutions)
- Participate in MFU, GFS and QA testing
- Set up and work with BAXA pump EM2400
- TPN order entry (Abacus)
- TPN preparation
- Tech-check (final release check) all CSPs prior to release to the patients including visual inspection

Dispensary:

- Part of the order entry team
- EPIC Willow (dispense prep and check, CNR)
- RXWorks (EXP, Carousel, Med Cabinets, Barcoding station)
- GE Centricity 9.0
- Fill prescription with unit dose system (oral solids and liquids)
- Narcotic issuing, reconciliation, and distribution
- Delivery of medications to the inpatient and outpatient units
- Produce HD and non-HD nonsterile compounds (powders, creams, suspensions, prefilled oral syringes using a BAXA repeater pump)

Specialized Teams:

- Epic Pharmacy Resource 2017 / 2019
 - Work under the supervision on BSA doing data entry
 - Medication cabinet new inventory entries
 - Inventory medication pricing
 - Scanning inventory into new pharmacy computer system
- Preceptor for New Employees in the Pharmacy Department 2011 / 2016
 - Create a training plan for new employees at CHEO
 - Ensure complete documentation of all training documents
 - Complete checklist with new employee to confirm completion of training
 - Work directly with Pharmacy Supervisor and Pharmacy Manager to follow up with new employee progress and discuss further action
- Junior Inventory Controller 2009 / 2017
 - Responsible for the Special Access Program (forms and LOA)
 - Responsible for placing purchase orders
 - Responsible for active inventory control in the pharmacy
 - Involved in Medbuy Contract renewals and updates
 - RXWorks Super User
 - Participate in yearly Physical Inventory Count
- Sterile Compounding Team Lead 2014 / 2016
 - Remain current with evolving standards and guidelines
 - Update policy and procedure manuals
 - Lead trainer for new employees
 - Responsible of maintaining the quality of work
 - Responsible for QA testing
- Pharmacy Billing Technician 2012 / 2015
 - Responsible for preparing invoices for finance department
 - Data entry and bookkeep for pharmacy outpatient billing
 - Invoice government funded medication programs
 - Apply for compassionate supply of medications for pediatric patients
- Critical Care Pharmacy Satellite 2010 / 2015
 - Prepare all stat oral and intra-venous medications for the PICU and NICU
 - Assist the pharmacist to codes and draw up all medications needed for the patient
 - Responsible for the function of the satellite pharmacy (checking expiry dates, managing the Medselect cabinet on the PICU and NICU wards, stocking the cabinets and the satellite, etc.)
- Interview Team 2010 / 2015
 - Participate in a 3-step interview process to identify strengths and weaknesses of the potential candidates by making them participate in a sterile compounding competency evaluation
- Research Technician 2008 / 2010
 - Work directly with the Research Pharmacist on active studies at CHEO Research Institute
 - Read and interpret the research protocols
 - Create research documents for the Pharmacy Dept (working documents, estimates for the researchers, invoices)
 - Educate other Pharmacy team members on the new and upcoming studies.
- Medication Reconciliation Team 2008 / 2009
 - Obtain the Best Possible Medication History for patients admitted at CHEO
 - Reconcile the medication history with the retail Pharmacy
 - Review the completed Medication History with the clinical Pharmacist

LA CITÉ COLLÉGIALE

Ottawa, Ontario, Canada

Pharmaceutical Management Consultant

2013, 2018 & 2019

- Make recommendations for updates to curriculum based on National Standards and Best Practice Procedures through lectures and written documentation
- Analyze teaching materials and compounding documentation
- Indicate which procedures need to be reviewed and updated
- Review teaching materials and provide written data for required changes

Part-time Educator - Pharmacy Technician Program

2010 / 2015

- Teach students the Sterile Preparation Class and NAPRA, USP 797 and 800 standards
- Teach the intricacies of aseptic manipulation
- Upgrade all course content (class notes and teaching PPTX slides) to match recent technologies and standards
- Work directly with the course coordinator on placing students in hospital co-op environments
- Grade exams and assignments
- Help students career plan and prepare for their national licensing exam

CONTINUING EDUCATION

Certified Injection Training, Aug 2019

Ontario Pharmacist Association
Ottawa, ON

Best Practice for Environmental Monitoring, May 2019

Critical Point Center for Training and Research
Totowa, NJ

Core Skills Training for Nonhazardous, Sterile to Sterile Compounding with Best Practice for Handling Hazardous Drugs, Apr 2019

Critical Point Center for Training and Research
Totowa, NJ

Critical Point QP503A Certification, May 2018

Critical Point Center for Training and Research
Totowa, NJ

Sterile Compounding Aseptics Refresher Course, Apr 2017

Critical Point Center for Training and Research
Totowa, NJ

Critical Point USP 797 Boot Camp and Best Practice for Handling Hazardous Drugs, Nov 2016

Critical Point Center for Training and Research
Totowa, NJ

Critical Point USP 797 Boot Camp, May 2014

Baxter Star Center
Denver, CO

Licensed Pharmacy Technician, Nov 2013

Ontario College of Pharmacist

National Licensing Exam, Nov 2013

Pharmacy Examining Board of Canada (PEBC)

Certificate Equine Instructor for Beginners, May 2011

Equine Canada and Ontario Equestrian Federation
National Coaching Certification Program

First Aide Certificate (Level A CPR), Always up to date

St. John Ambulance
Ottawa, ON

Pharmacy Technician Conference, Feb 2009

Humber College
Toronto, ON

Certification Exam, Oct 2008

Ontario College of Pharmacist
Ottawa, ON

Compliance Tools and Aseptic Certification for USP 797, Sept 2008

Baxa Star Center
Denver, CO