

# Melanie Dorey, R.Ph.T

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## **Public Speaking**

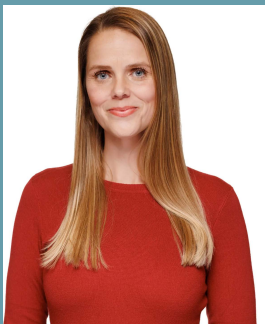
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- March 2024 - CSHP Banff - Sterile Compounding Standards and Why They Matter!
- January 2024 - Pharmacy Grand Rounds: Policy and Procedures (PnPs): Not Just for Pharmacists!
- December 2023 - ASHP Midyear Conference - Visual Smoke Study in a PEC - Contec Healthcare Booth
- 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**

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- 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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www.criticalcompoundingresources.com

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 / 2022

- 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