



Foundations of Cancer Disease Sites Series

# Lung Cancer

COURSE SYLLABUS (CDSM00LUNGODM24)

2024

**Course Facilitators:**

Donalda MacDonald, RN, CON(C)

Margaret Forbes, RN-EC, MN, NP-Adult, CON(C)

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**Course Format:** eLearning

**Contact Information:**

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**Technical Support:** [support@desouzainstitute.com](mailto:support@desouzainstitute.com)

**Registration:** Required

**Prerequisite:** *Cancer Care Basics*

## A. COURSE DESCRIPTION

Canadians are more likely to be diagnosed with lung cancer than any other cancer. Lung cancer also has the lowest five-year survival rate of all major cancers in Canada (i.e., lower than breast, colorectal, and prostate cancers). This course will introduce you to lung cancer epidemiology, pathology, diagnosis, and treatment, covering the foundational knowledge you need to provide nursing care to patients with lung cancer and their families. This online course will build on what you learned in *Foundations of Oncology Nursing Practice* or *Cancer Care Basics*.

This course consists of **three modules** in total. The first module, *Introduction to Lung Cancer*, will cover the normal anatomy of the lung, the epidemiology of lung cancer, and the risk factors that put people at higher risk of lung cancer development. The second module, *Non-small Cell Lung Cancer (NSCLC)*, will cover the new screening guidelines, presenting symptoms, the diagnostic pathway, staging, and the corresponding treatments available for each stage. The third module, *Small Cell Lung Cancer (SCLC)* will cover the unique aspects of this rarer and more aggressive type of lung cancer. The **final quiz** consists of a case study where you will apply your knowledge to the care of a particular patient living with lung cancer.

Although you can complete the various components of the course at your own pace, the course must be completed within **6 weeks from the time you register** for the course (this date can be found on the course information page in *My Account*).

### About the *Foundations of Cancer Disease Sites Series*

The *Foundations of Cancer Disease Sites Series* will consist of **over twenty cancer disease site courses** that you can select and combine to fit your clinical practice needs.

The first disease sites courses in the series are:

- Sarcoma
- Skin cancer
- Esophageal cancer
- Stomach cancer
- Pancreatic cancer
- Liver cancer
- Brain Cancer
- Prostate Cancer
- Breast Cancer
- Colorectal Cancer
- Hematological Malignancies (Multiple Myeloma, Lymphoma, and Leukemia)

We will continue to update and add cancer disease sites to the course series:

<https://www.desouzainstitute.com/cdsm>

## B. de Souza DESIGNATION CREDITS

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**Domain of Practice** Treatment and Delivery of Evidence Based Care

**Learning Hours** 3 hours

**de Souza Credit** *You must complete a **minimum of 3** foundations of disease sites courses to earn de Souza credits.*

3 disease sites = 0.125 credits

6 disease sites = 0.25 credits

9 disease sites = 0.325 credits

12 and over disease sites = 0.5 credits

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## C. COURSE OBJECTIVES

By the end of this course, you will be able to:

- Locate the gross anatomical features of the lung.
- Describe the trends in lung cancer incidence and mortality within Canada.
- List factors that put a person at higher risk of developing lung cancer, and explain the relationship between tobacco smoking and lung cancer development.
- Describe the different pathological types of lung cancer.
- Explain the Canadian lung cancer screening guidelines for high-risk individuals.
- Recognize the presenting signs and symptoms of lung cancer.
- Describe the general diagnostic pathway for lung cancer.
- Explain the TNM staging system for lung cancer.
- List the treatment options for NSCLC and SCLC according to stage.
- List the activities involved in follow-up care for NSCLC and SCLC.
- Identify the prognostic factors for NSCLC and SCLC.

## D. MODE OF LEARNING

The eLearning environment fosters a self-directed approach. You can progress through the modules and exercises at a convenient time, at home or work.

- **eLearning Modules:** Modules were developed by the de Souza education team to reflect the latest knowledge in lung cancer. The content is up-to-date and includes interactive application exercises and links to the latest clinical guidelines.
- **Study Guides:** A printable study guide is available for each module that you can print and fill in as you progress through the interactive course modules.

## E. MODES OF EVALUATION

As part of the evaluation process, you are required to complete the following:

- **Participant Baseline Survey:** This survey assesses your knowledge, attitude, confidence before you begin the eLearning modules for the course.
- **eLearning modules:** You must complete all modules by course end date.
- **Final Quiz:** There is one case-study based quiz in this course consisting of 8 questions. You must answer 5/7 questions correctly (70%) to pass. **Note:** the quiz is open book and you have two attempts at the quiz to achieve a passing grade. You are required to complete the quiz independently.
- **Participant Post-course Evaluation:** At the end of the course, you will be required to complete a “Participant Post Survey” where you can provide your feedback on whether the content met your professional practice needs. These surveys are facilitated electronically through eLearning

When you have successfully met all the above requirements, you will receive **3 learning hours** as well as credit towards obtaining your de Souza designation. An email will be sent to you containing instructions on how to download your **certificate of completion** via your “My account”.

## F. EXPECTATIONS FOR PARTICIPANTS

To be successful in completing this course, you are encouraged to set aside 1 to 2 hours each week to complete each section as learning is self-directed. The total learning hours for this course is **3 hours**.

A writable study guide is available to download and fill in if you wish. The study guide is not mandatory and completion of it is not included in the learning hours. If you do complete the study guide you will have a copy of the course content for your future reference; once you complete the course you will no longer have access to the course modules and resources.

There are a number of printable documents throughout the course, which you may want to save or print out.

Your course activity completion will be reflected in your **grade book**. You are expected to complete all modules and all other course requirements within **6 weeks** from the time you register for the course.

## G. FACILITATOR AVAILABILITY

This course is **self-directed**. However, a course facilitator is available to:

- Answer your questions related to course content.
- Monitor the registration process.
- Be available to you for questions throughout the course.

You can expect the facilitator to respond to your questions within 24-hours during the week and within 48 hours on the weekend.

Your facilitators are:

- Donalda MacDonald: [Donalda.MacDonald@desouzainstitute.com](mailto:Donalda.MacDonald@desouzainstitute.com)
- Margaret Forbes: [Margaret.Forbes@desouzainstitute.com](mailto:Margaret.Forbes@desouzainstitute.com)

**Technical support** is available by contacting [support@desouzainstitute.com](mailto:support@desouzainstitute.com)

## H. COUSRE AUTHORS' & FACILITATORS' BIOGRAPHY

Course Author & Facilitator

### Donalda MacDonald, RN, CON(C)

Donalda has been an oncology nurse for 50 years working in both inpatient and outpatient units. She has been a primary nurse in lung and GI oncology as well as worked in the chemotherapy suite. For the last 10 years of her clinical career, she has been the solo instructor for the Sinai C.A.R.E. Cancer Care education series that she and her chemo colleagues developed targeting nurses new to oncology. She has been an educator as de Souza for the past 15 years. Donalda has served on the board of directors for the Canadian Association of Nurses in Oncology for 7 years. Donalda holds certification in oncology from the CNA. She has done item writing and exam review for the CNA Oncology Certification Exam. Donalda was nominated by her oncology peers and was one of 100 nurses from across Canada to receive the CNA Centennial Award honoring her work in education of novice oncology nurses. In 2014, she received the Lifetime Achievement Award from the Canadian Association of Nurses in Oncology. She was the recipient of the Pfizer Award of Excellence in Education in 2023.

## Course Co-Facilitator

### **Margaret Forbes, RN-EC, MN, NP-Adult, CON(C)**

Margaret is a nurse practitioner with more than 30 years of oncology experience. She recently practiced as a nurse practitioner in complex malignant hematology including stem cell transplant and cellular therapies at the Juravinski Hospital and Cancer Centre. Margaret also has clinical experience in the treatment and management of people with solid tumour malignancies, specifically breast cancer. Margaret has held various nursing leadership roles most recently as a nurse practitioner lead in complex malignant hematology. She was the clinical lead in the development of the cancer survivorship program at the Juravinski Cancer Centre. In 2016, Margaret was the recipient of the Canadian Association of Nurses in Oncology (CANO-ACIO) Pfizer Award of Excellence in Nursing Leadership. In 2018, Margaret led the development of the Ron and Nancy Clark Nurse Practitioner Fellowship in Hematology at the Juravinski Hospital and Cancer Centre. Margaret has participated in research as both a co-principal investigator and co-investigator in multiple studies. Margaret is an assistant clinical professor at McMaster University School of Nursing. She has recently joined the de Souza Institute as an advanced practice nurse educator. Margaret believes that a strong foundation in oncology knowledge will inspire nurses and other health care providers to become confident, competent and enthusiastic about providing excellence in the care of people and their families who experience cancer.

## **I. VIRTUAL LIBRARY**

de Souza Institute has a virtual library that can be accessed to those registered in this course or any other de Souza Institute continuing education program. This resource enables you to access over 1500 e-Journals, 200 e-books and 8 on-line databases such as CINAHL or Ovid-Medline. You can use the virtual library to access the required reading materials for your course. The virtual library can be accessed 24 hours a day at any location that has internet access using a login and password.

The direct link is <https://library.desouzainstitute.com/login>.

## **J. TECHNICAL SUPPORT**

### **eLearning Centre Orientation**

The eLearning Centre Orientation is designed to introduce you to online learning and to help you understand how to navigate through the de Souza Institute eLearning centre and courses. It is strongly recommended that you complete this orientation so that you will be able to successfully navigate de Souza's eLearning environment.

### **de Souza Institute Support**

If you have questions about the content of a course please email your course facilitator.

If you need assistance accessing or navigating the eLearning Centre, please refer to the eLearning Orientation course. If you have questions or have any general technical difficulties please contact [support@desouzainstitute.com](mailto:support@desouzainstitute.com).

## K. POLICIES AND PROCEDURES

Click the links below to review de Souza's Policies.

[Academic Honesty and Copyright Policy](#)

[Cancellations, Incomplete and No Show Policy](#)

[Request for Accommodation Policy](#)

Course content and resources provided in this course are based on best practice guidelines from provincial and national bodies. Local protocols and policies vary among healthcare organizations; please consult educators within your organization if you have specific questions related to local protocols and policies.