

Applying team-based care to lung cancer screening

Using team-based care for lung cancer screening can help increase capacity to accurately assess eligible patients, having informed conversations and coordinate referrals to the provincial screening program. This resource outlines the essential roles and tools for implementing a multidisciplinary approach to identifying eligible patients for lung cancer screening.

In a team-based primary care model, shifting responsibilities from physicians to the broader team improves screening rates and reduces provider burnout. This approach allows each member to work to their full scope of practice to support cancer screening pathways.



Steps for Assessing How to Include Your Team in Lung Cancer Screening

- ▶ Have a common understanding of who makes changes in the EMR structure (i.e. adding/removing fields for data entry)
- ▶ Standardize data entry where possible. Ensure your team uses structured flowsheets for tobacco history rather than just typing in notes. Ensure you capture the number of pack-years smoked by gathering the number of cigarettes smoked per day and the number of years the person has smoked. If your only option is to record smoking history and pack years as open text, ensure that your team is using the same abbreviations to make your text searchable.
- ▶ Build alerts that activate when a patient meets the age and pack-year threshold and has no record of a recent low-dose CT. This can help identify patients who are newly eligible.
- ▶ Check if your EMR has a Lung Cancer Screening Module which tracks eligibility, shared decision-making notes, and follow-up intervals.

Steps for Assessing How to Include Your Team in Lung Cancer Screening

- 1 Write out all of the tasks associated with lung cancer screening at your clinic.
- 2 Write all of the roles that are involved with patient care and administrative tasks at your clinic.
- 3 Place a **yellow X** in each box for the tasks that the team can complete within their scope of work.
- 4 Place a **green X** for who should do this task within your team.
- 5 Write when these activities will be completed based on your clinic workflow (Ex. once a month, before the appointment, during the appointment, after the appointment etc.)

TEAM ASSESSMENT TABLE	Physician	NP	Nurse	Dietitian	Social Worker	MOA
Update patient contact details and flag missing smoking history in the EMR						
Update smoking history in EMR						
Use your EMR to identify high-risk patients and create a patient list. Queue eligibility questions for the provider						
Assess eligibility based on provincial eligibility criteria						
Initiate shared decision making conversation about LDCT scans including the benefits versus harms						
Provide smoking cessation counselling where appropriate						
Ensure appropriate referral to lung cancer screening program						
Manage follow-up and incidental findings						