

NORTHERN HEALTH
FOUNDATION

RESPIRATORY MEDICINE

EBUS Ultrasound Funding Proposal

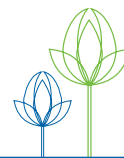
Northern Hospital Epping



Northern Health
Foundation







About Northern Health

Northern Health Foundation supports Northern Health, the key provider of public health care in Melbourne's northern region, one of the fastest growing communities in Australia. We take care of our community by providing a wide range of health services at Northern Hospital Epping, Broadmeadows Hospital, Craigieburn Centre and Bundoora Centre.

Health care services offered to our culturally rich and diverse community, include:

- Emergency and intensive care
- Acute medical, surgical and maternity services
- Sub-acute, palliative care and aged care
- Specialist clinics and community-based services

Northern Hospital has the busiest Emergency Department in Victoria, and is located in the rapidly growing northern suburbs, which is driving us to think innovatively about the needs of the population and what the health system of the future might need to look like to meet those needs at Northern Health.

Our Vision

A healthier community, making a difference for every person, every day.

Our Strategic Goals

- A safe positive patient experience
- A healthier community
- An innovative and sustainable future
- Enabled staff, empowered teams
- Engaged learners, inspired researchers

Our Values

- **Safe** – provide safe, trusted care for our patients. We are inclusive and culturally safe, celebrating the diversity of our staff and community
- **Kind** – we treat everyone with kindness, respect and empathy. We provide patient centred and compassionate care.
- **Together** – we work together with our staff, patients, consumers and health system partners.

Message from our Chief Executive



Siva Sivarajah, Chief Executive

Northern Health is committed to providing safe and trusted care which is strengthened by our vision of a healthier community, making a difference for every person, every day and our values – Safe, Kind and Together.

Northern Health Foundation is seeking support to ensure Northern Hospital can elevate the level of care for patients with lung cancer and other serious respiratory diseases. The introduction of Endobronchial Ultrasound Service or EBUS would enable us to diagnose patients, particularly those with suspected lung cancer, from the point of referral and initiate an optimal care plan immediately.

A Northern Health EBUS service would alleviate the need for patients in the northern community and some regional areas of Victoria to be referred to alternate health services for diagnosis.

Together with your support, Northern Hospital has the opportunity to strengthen services and create better outcomes for patients with serious respiratory disease who live locally.

A handwritten signature in black ink, appearing to read 'S. Sivarajah', with a long horizontal flourish extending to the right.

Siva Sivarajah
Chief Executive
Northern Health

Message from Dr Katharine See Director Respiratory Medicine



Dr Katharine See, Director Respiratory Medicine

Northern Health Respiratory Department was established three years ago supporting the treatment of a range of respiratory conditions including asthma, lung cancer, pleural disease and pneumonia.

During this time, Respiratory Services have quickly become the second largest medical speciality at Northern Hospital Epping with demand for services increasing year on year.

"My team and I work tirelessly to provide the highest quality and most timely care possible for the Northern community. It's frustrating that our patients don't have the same access to diagnostic tests that are standard care as those at other health services. Having EBUS would allow us to provide the comprehensive care that our Northern community need and deserve."

During November, the Respiratory Care Unit, under the leadership of Dr Katharine See, was highly commended in the recent Safer Care Victoria Awards for Excellence in Quality and Safety at the Victorian Public Healthcare Awards.



Gavin Fahey, Respiratory Clinical Nurse Consultant, Dr Katharine See, Director Respiratory Medicine, Jane Poxon, Chief Operating Officer, and Carol Winter Nursing Unit Manager Ward 18, Northern Hospital Epping

Northern Health established a multi-disciplinary lung cancer service in December of 2017. The service provides coordinated lung cancer care with respiratory, thoracic surgery, medical and radiation oncology all contributing to a patients' treatment plan. There remains a gap in the service without our ability to provide EBUS for patients.

The introduction of an EBUS diagnostic service is critical to Northern Hospital being able to reduce patient wait times for lung cancer stage diagnosis and commencement of appropriate treatment pathway.

The current wait time for Northern Health patients requiring EBUS Diagnosis is four to six weeks as our patients are currently referred to other health services for these tests. An EBUS service would reduce wait times and enable us to commence treatment plans within optimal time frame of two weeks. This will result in better life expectancy outcomes for patients particularly those with a lung cancer diagnosis.



Patient with Dr Katharine See, Director Respiratory Medicine and Monika Rana, Nurse

About Northern Hospital Respiratory Service

Respiratory Disease: The Facts

- Over **1,200** patients are admitted to Northern Hospital with respiratory disease annually
- Over **5,000** patients present at Northern Hospital Respiratory Outpatients for treatment and assessment each year
- Early diagnosis of lung cancer and other respiratory disease is critical to patient outcomes
- Lung cancer is the leading cause of cancer death in Australia^[1] with mortality rates higher than breast, bowel and prostate cancer combined.
- Lung cancer accounts for **9%** of all cancers^[1]
- Lung cancer is often a late stage diagnosis due to symptoms not being obvious
- On average over **11,788** Australians are diagnosed with Lung Cancer^[1] each year
- On average, there are **8,410** deaths annually due to lung cancer^[1]
- Lung cancer survival rate after five years is currently **17%**^[1]
- Respiratory patients require a multidisciplinary treatment plan which could include oncology radiation therapies, outpatient appointments and follow-up consultations.

[1] Source: Cancer Council of Australia

Impact of Endobronchial Ultrasound

EBUS Ultrasound provides real time images of the lymph nodes via the trachea or wind pipe and is able to take a biopsy. The procedure has a high success rate, coupled with low complication rates when compared to conventional surgical and CT guided procedures. It is considered best practice care for the diagnosis and staging of lung cancer.

Lung cancer is often diagnosed late, as symptoms are not always obvious. With EBUS, Northern Health will improve patient outcomes and save lives.

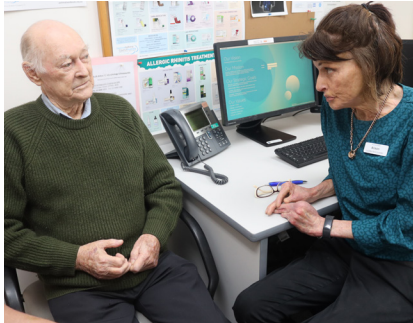
A Northern Health EBUS service would allow Northern Hospital to provide comprehensive care to patients from the point of referral through to diagnosis and treatment.

It will ascertain what stage of cancer a patient has reached and whether the cancer has spread to the lymph nodes. This determines the treatment options available to patients whether that is surgery, chemotherapy, radiotherapy or symptom based care.



Over the last 12 months over 280 patients presented at Northern Hospital with suspected lung cancer.

Messages from Our Lung Cancer Team & Patients

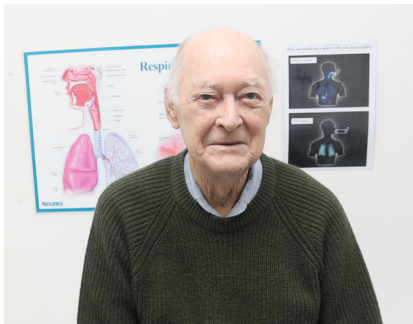


Alison Hirth and Cancer Patient Brian Sullivan

Alison Hirth, Lung Mass Nurse Coordinator

Alison works one-on-one with our patients supporting them through the diagnosis and treatment of their lung cancer.

"I see patients that are in difficult situations. They face a likely cancer diagnosis so the additional pressure they feel when referred to another health service is heartbreaking to witness. Any unnecessary delay in diagnosis is unacceptably stressful for our patients, particularly those where English is not their first language or they have limited social support."



Brian Sullivan

Brian's Cancer Experience

"I had to wait a couple of weeks for my EBUS appointment at another health service. It was a long way to go from Mernda to the city, which was tough, as I needed family support to take me. At Northern Hospital I know my way around and where I have to go which would have been easier.

To have EBUS at Northern would be fantastic because you know your own hospital. At my last appointment they checked me out and made sure I was alright – I came out a lot happier than when I went in, because they made sure I was OK."



Jill Medding

Jill's Cancer Experience

"I waited four weeks for my EBUS diagnosis appointment. The time factor made me anxious – I thought everything else had moved really quickly and that part slowed it right down. If there is cancer there, I needed to find out quickly and not wait around.

Having EBUS at Northern would be a faster and smoother way to have the procedure done because you wouldn't be waiting for other hospitals to organise things, and it's much more convenient for people who live in the northern suburbs to not have to travel too far."

Investment in EBUS

Northern Health needs to invest **\$485,454.00** for the cutting-edge Endobronchial Ultrasound Unit for Respiratory Services.

Northern Health is a key contributor supporting the project with medical staff, training, establishment of service delivery model within current Respiratory Services patient framework and ongoing servicing of the equipment.

Northern Health Foundation would value the opportunity to present this project to your Organisation with a view to your working with us to identify funding opportunities for EBUS services to be established in Melbourne's Northern Growth Corridor.



Message from Northern Health Foundation

Northern Health Foundations purpose is to fund the purchase of medical equipment in support of Northern Hospital Epping, Broadmeadows Hospital, Bundoora Centre and Craigieburn Centre.

During 2020 we continue to focus on strengthening our fundraising efforts to fund state-of-the-art medical equipment for our hospitals and centres which broaden services and ensure Northern Health delivers a best-practice standard of care to our patients.

It takes a community to create a great and ever improving health care service – it depends in critical ways on the generosity of our partners, philanthropic trusts, corporate and small business, our donors and the local northern community.

Katharine See, Director Respiratory Medicine and myself welcome the opportunity to meet with you to present the EBUS project to your organisation with a view to attracting funding for this very important project.



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Director
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