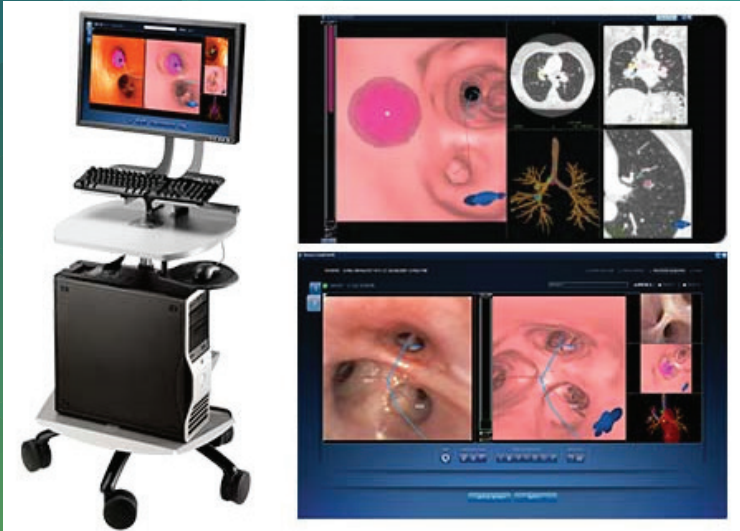


LungPoint

This technology was funded through the New Technology Funding and Evaluation Program (NTFEP). The NTFEP funds the introduction and evaluation of new technologies that:

- ✓ Are safe and effective
- ✓ Provide better health outcomes
- ✓ Provide value for money
- ✓ Provide greater access to care.

NTFEP funding supports the cost of the technology, consumables, training, maintenance, licenses and evaluation staff. The evaluation findings will inform recommendations regarding the future use and/or investment of the technology within Queensland.



What is the technology?

Pathological confirmation of lung cancer enables definitive diagnosis of cancer and differentiates the two major types of lung cancer which are managed quite differently. The choice of diagnostic technique to diagnose lung cancer depends on the performance of each technique, the likely type and size of lung cancer and overall health of the patient. LungPoint is a new diagnostic tool comprised of two components: 1. Virtual Bronchoscopic Navigation (VBN) System and 2. LungPoint Satellite Planning System. The main goals are to maximize the yield for both diagnostic and staging purposes and to minimise risk to the patient.

What were the evaluation findings?



In a small number of cases, LungPoint contributed to improved bronchoscopic navigation to the lesion by experienced Bronchoscopists.



In many cases, the best path determined by the operator using 3-view CT scans was different from the path provided by Lungpoint.



LungPoint pathways would often result in a significantly lower diagnostic yield than EBUS RP.



User-defined pathways were not permitted. Often resulting in significantly lower diagnostic yields compared to EBUS RP.



Planning of pathways took an additional 5 minutes (approximate) compared to current processes.



LungPoint allowed collaborative teaching and discussion with trainees.

Where was it evaluated?

Thoracic Medicine, The Prince Charles Hospital (Completed in 2018)

Funding provided

\$ 210,000

Want more information?

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