

Implementation of a lung cancer multidisciplinary team standardized template for reporting to general practitioners: a mixed methods study

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Lung Cancer Demonstration Project

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Aims, Methods, Results.

Lung MDT Form

Patient: MRN:
Age: Sex: DOB:
Associated Diagnoses:

VISIT SUMMARY
Royal Prince Alfred Hospital
Missenden Road
CAMPERDOWN NSW 2050

Pt Address: Pt Phone:
General Practitioner: Address:
GP Phone: GP Fax:

Location: Admission/Attendance:
Date:

Presenting Medical Officer:
Participants involved in discussion:

Relevant Medical History:

ECOG Performance Status (score):

Tumour stage:
(table will be provided to GPs with report)

Diagnostic Tests
Chest X-Ray:
CT:
PET:
Histopathology:

Discussion:
Consensus/Treatment Plan:
GP Follow-up:

Aims: Develop lung cancer MDT reporting template for GPs
Pre-implementation 7 months; Implement 13mths; Evaluate 7mths

Methods: Structured GPs interviews, Qualitative project logs
Setting: Two hospitals in Sydney Local Health District

Results: 732 patients presented at MDT, 687 completed template
492 patients had a GP listed, 61 GPs participated in evaluation

GPs: 95% - template appropriate (useful and relevant)
90% timely; **84%** easy to interpret; **87%** assist in treatment planning

“Emancipating for isolated GPs to receive this level of correspondence from big city hospitals”

“Good to know what treatment patient is having”

“There is a huge gap, good to get a summary of discussion”



Implications.

Highlights importance of integrating template into existing work practices

Implementation strategies guided by framework, ERIC compilation

Outcomes.

Reporting **sustained** over time

Upscaling to other MDTs:

Colorectal, Liver/hepatocellular

Endocrine, Haematology

Neuro-Oncology, Upper GI, Palliative

Care Case Conference (non-Cancer)



Strategies*	Key activities
Preimplementation (October 2014–April 2015)	
Assess for readiness and identify barriers and facilitators	<ul style="list-style-type: none"> ▶ Focused literature review: implementation strategies using templates in oncology ▶ Review examples of hospital reporting templates within organisation; review generic example from primary care
Conduct local needs assessment	<ul style="list-style-type: none"> ▶ Conduct process mapping to identify gaps in lung cancer MDT information and communication provision
Build a coalition/conduct educational meetings	<ul style="list-style-type: none"> ▶ Discuss staff roles and responsibilities for template completion (project officer, specialist nurses, registrars and chairperson)
Develop a formal implementation blueprint	<ul style="list-style-type: none"> ▶ Project protocol and methodology documented ▶ Human Research Ethics Committee approval granted
Provide local technical assistance	<ul style="list-style-type: none"> ▶ Request submitted to SLHD Information Management and Technology Division (IM&TD) to initiate project
Prepare patients/consumers to be active participants	<ul style="list-style-type: none"> ▶ Draft lung MDT template developed and reviewed by MDT, GPs and consumers
Develop and implement tools for quality monitoring	<ul style="list-style-type: none"> ▶ Development of survey instrument for the evaluation component
	<ul style="list-style-type: none"> ▶ Template finalised and built into Cerner PowerChart by IM&TD
Conduct ongoing training	<ul style="list-style-type: none"> ▶ IM&TD provides training for clinical staff in template use including data migration
Conduct educational meetings	<ul style="list-style-type: none"> ▶ Clinical leadership forum held to promote implementation of the template