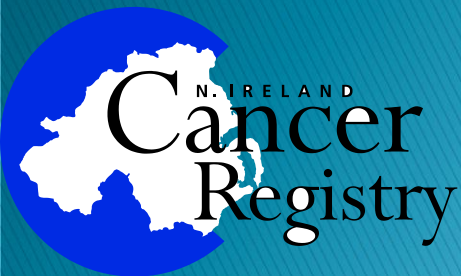


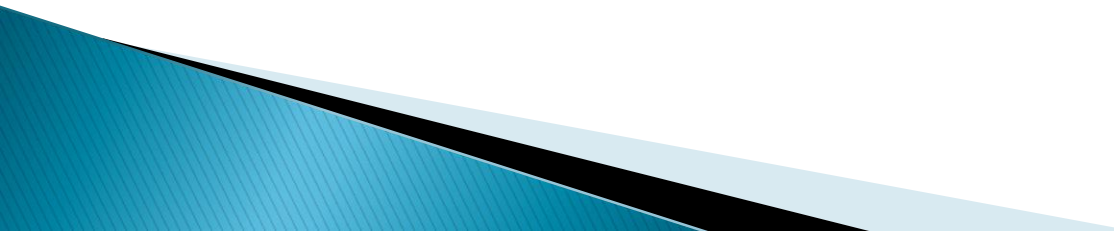
# N. Ireland Audit of Thyroid Cancers 2001 /2 and 2004 /5

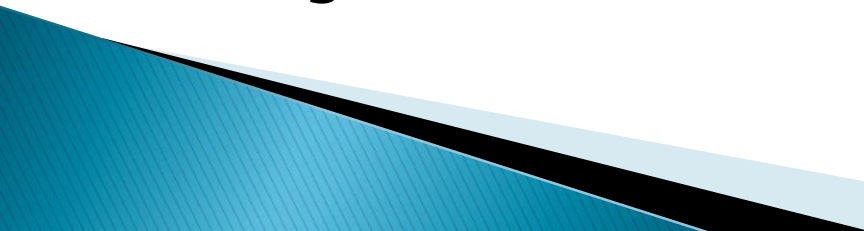
See full Report: <http://www.qub.ac.uk/research-centres/nicr>

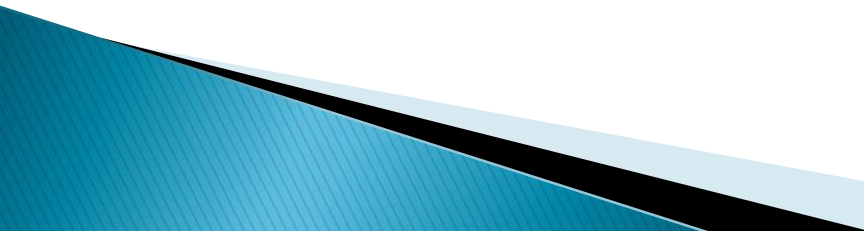
Dr Anna Gavin  
Director, N. Ireland Cancer Registry  
[a.gavin@qub.ac.uk](mailto:a.gavin@qub.ac.uk)



# Methods – Retrospective Note Review

- Data items etc. agreed with endocrinologists
  - Cases identified by Cancer Registry
  - Data from hospital records entered to electronic profroma by trained Registry staff, analysis in Registry
- 

- 166 Patients – New diagnosis
  - 74% female
  - Average age – 50 females  
– 57 males
  - $\frac{2}{3}$  had goitre/neck swelling  
 $\frac{1}{4}$  of these less than 1 month  
 $\frac{1}{3}$  over one year
  - 50% from GP referral – 6% of these emergencies
  - 36% in 2001 / 2 and 55% 2004 / 5 were seen at Regional Unit
- 

- 77% of all patients had FNA  
Thyroid
  - 97% 2001 / 2, 100% 2004 / 5 had  
histology / cytology
  - 60% – Papillary, 20% follicular,  
8% anaplastic, 3% medullary
- 

## STAGING Poor – 7% in notes

- 58% 2001 /2 and 78% 2004 /5

Possible by Registry staff from data in records

- 12% had metastasis, 55% of these in lung

# Treatment

131 ablation : 66% in 2001 / 2,  
89% 2004/5 of patients with  
differentiated cancer types and size  
greater than 1 cm

**MDTs: – no evidence of MDTs**

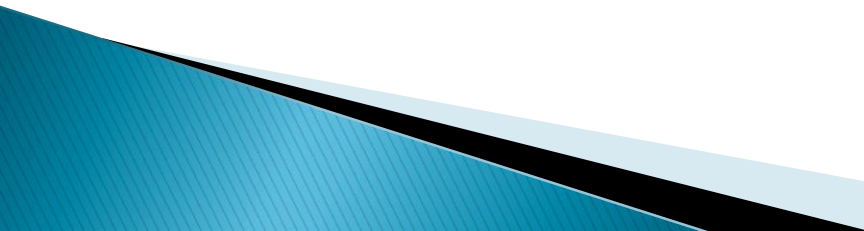
47% referral to endocrine surgeon

15% referral to endocrinologist

50% referral to oncologists


TSH records last reviews – 85%  
differentiated cancers

# Surgery

- 72 Primary Procedures in 11 hospitals
  - Lobectomy alone     2001 / 2 – 35%,  
  2004 / 5 – 87%
  - Completion thyroidectomy     2001 / 2 – 26%  
  2004 / 5 – 87%
- 



# Communication

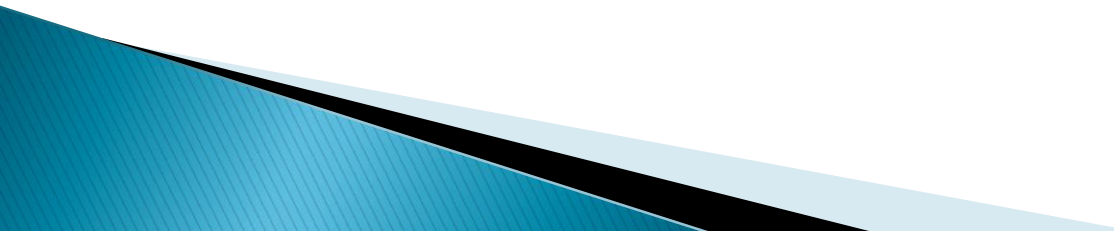
- 90% letters to GPs had management plan included
  - 5–7% written information given to patient
  - Patient discussion re prognosis and treatment  
90% , 2001 / 2  
99%, 2004 / 5
  - 34% discussion with families
- 

72 Thyroid cancer operations

- 16 surgeons 2001 / 2

71 Thyroid cancer operations

- 14 surgeons 2004 / 5



# Recurrence

2001 / 2 – 6% patients with 3.9  
years

2004 / 5 – 4% patients within  
1.7 years follow-up

# Survival

Survival related to cell type

2 year observed survival

90% follicular

100% medullary

97% papillary

14% anaplastic