

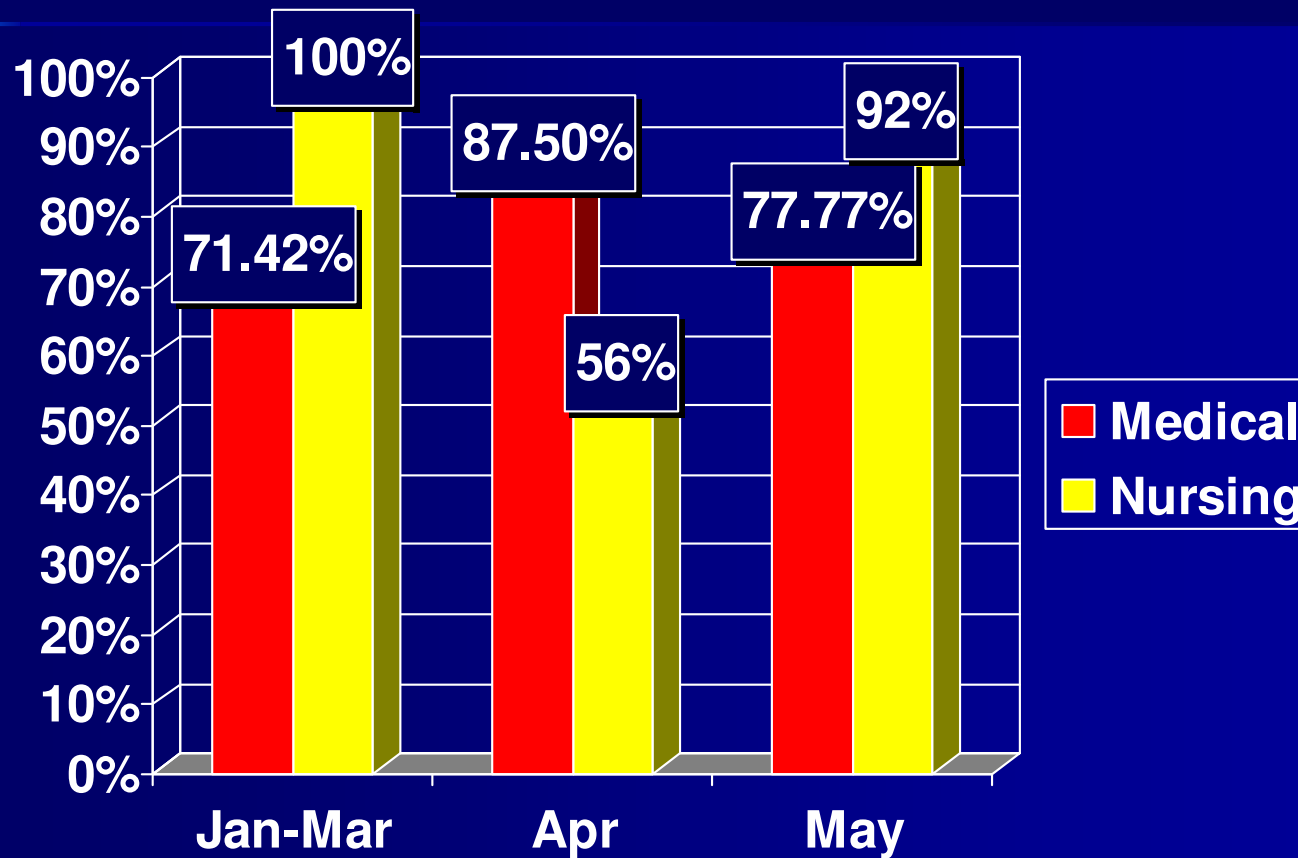
The links between quality, audit and research

Madhavi Mannakkara

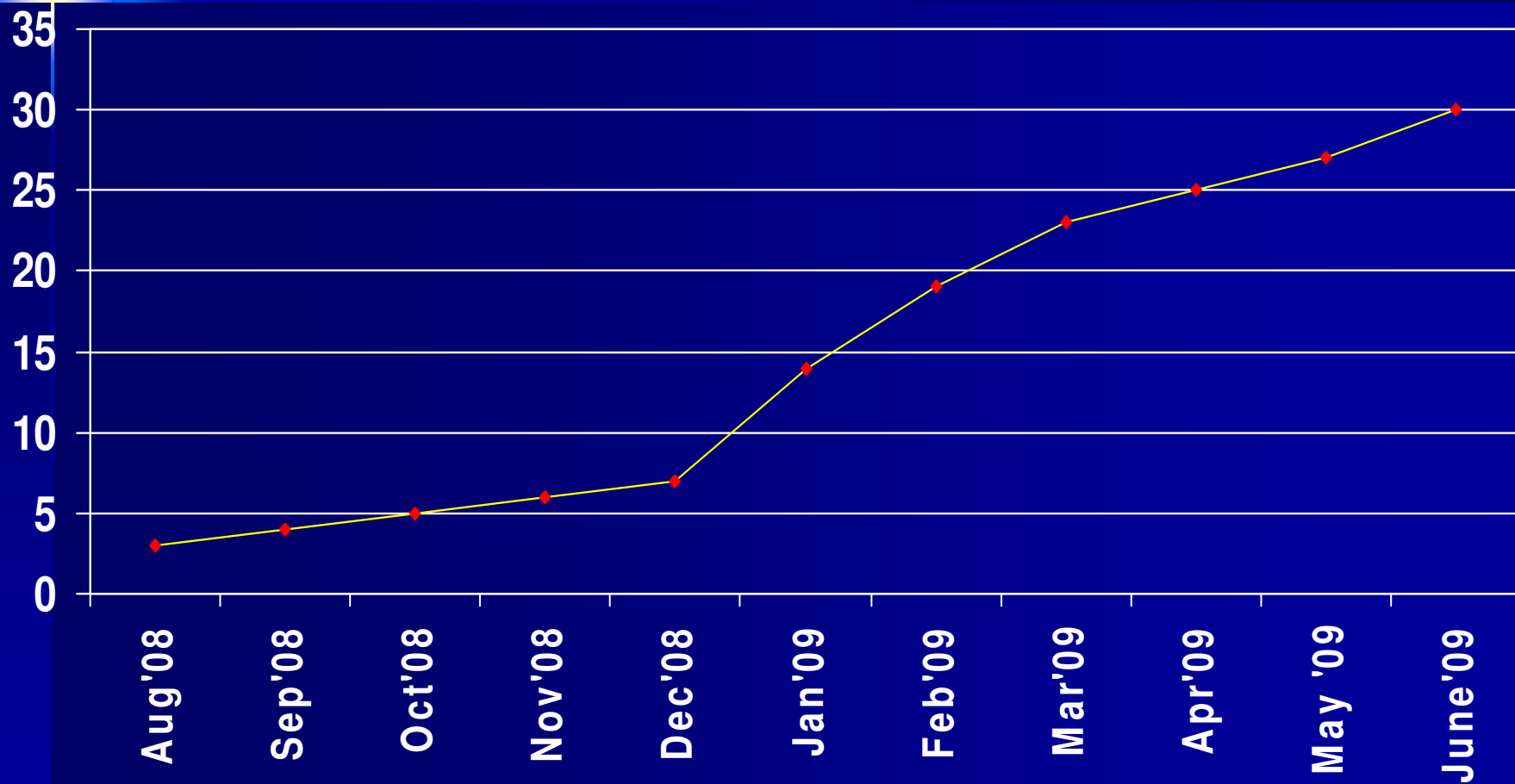
Clinical Audit Support Unit Leader

2009 Annual Clinical Audit Programme:

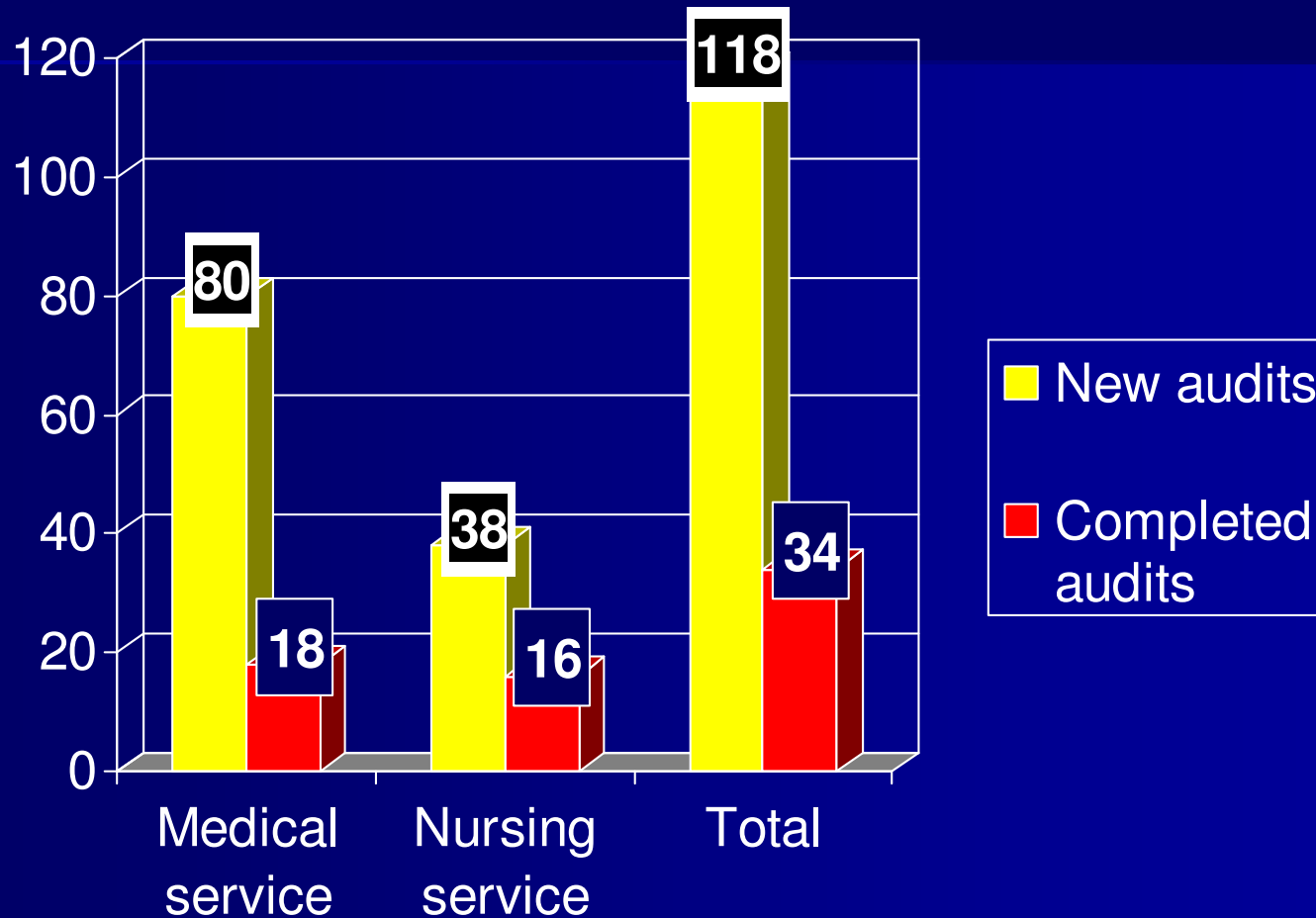
% clinical audits commenced as planned by 31/5/9



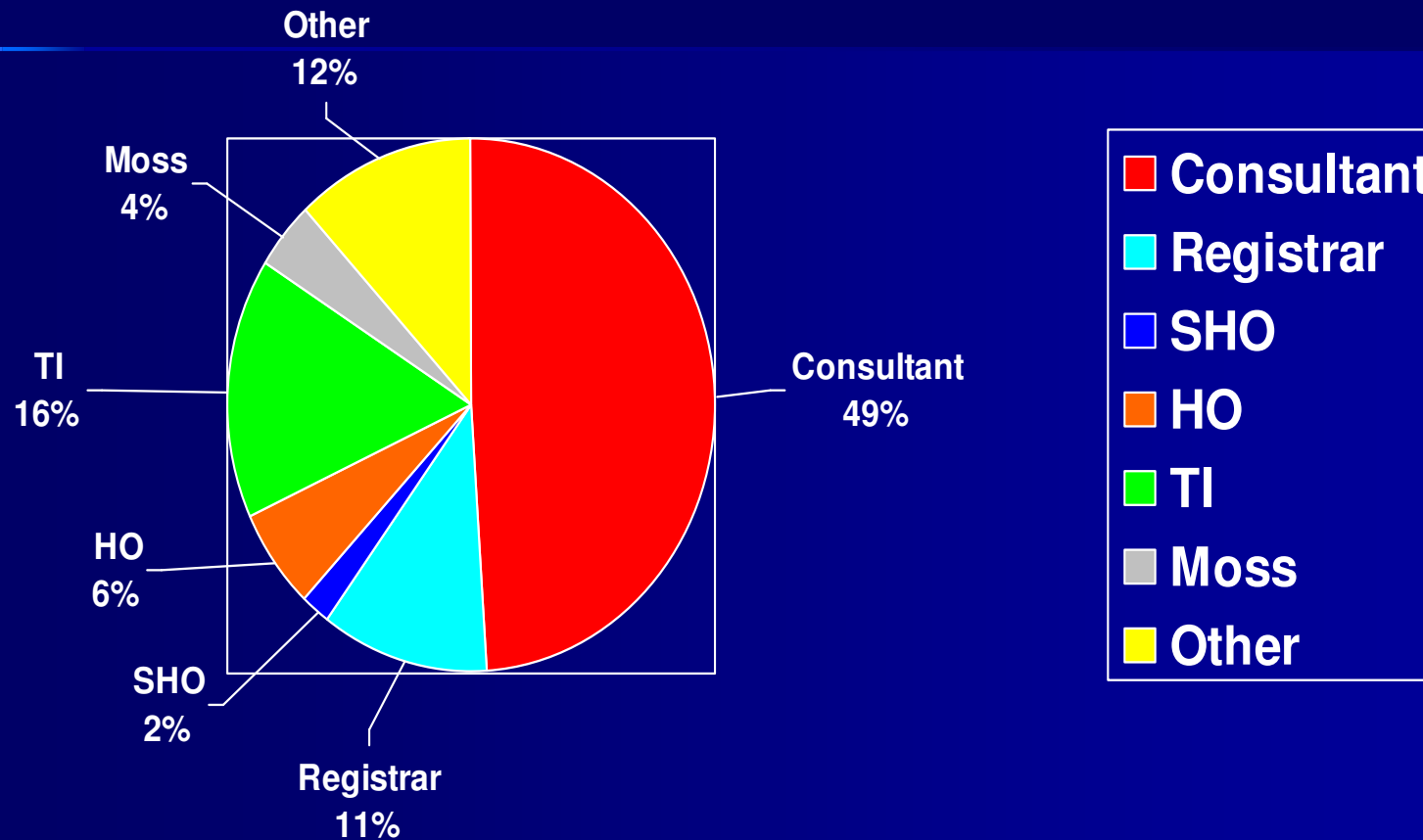
Number of departments participating in clinical audits:



Number of new clinical audits commenced medical & nursing service as at 31/05/09:



% Clinicians participating in clinical audits as at 31/5/9:



Examples of clinical audits:

Sensitivity & specificity of MRI for local staging of rectal cancer

Assisting catch up of follow up record for W/BCC register & RACS database to yr end 2007

Photodynamic therapy-prospective audit of new service

Audit of outcome of whole brain radiotherapy

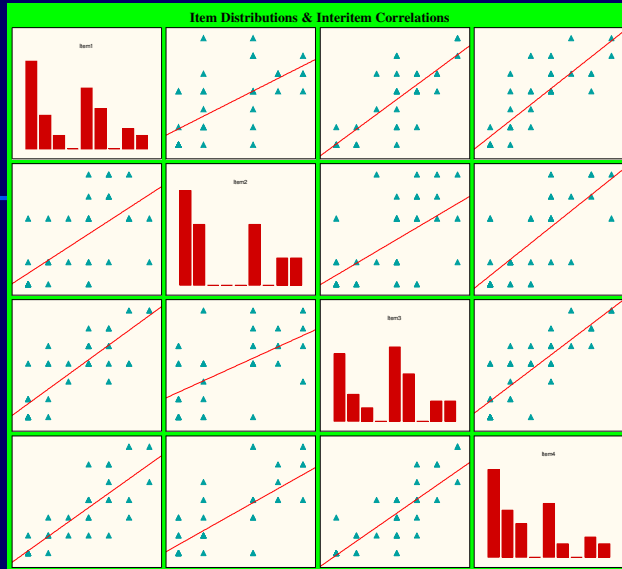
Incidence of fungal infections & use of antifungal drugs in Haematology patients receiving intensive chemotherapy

Liverpool care pathway for dying patient-Reflective data cycle

Patient compliance on the use of vaginal dilators following pelvic radiotherapy

Palliative care patients presenting at the emergency department

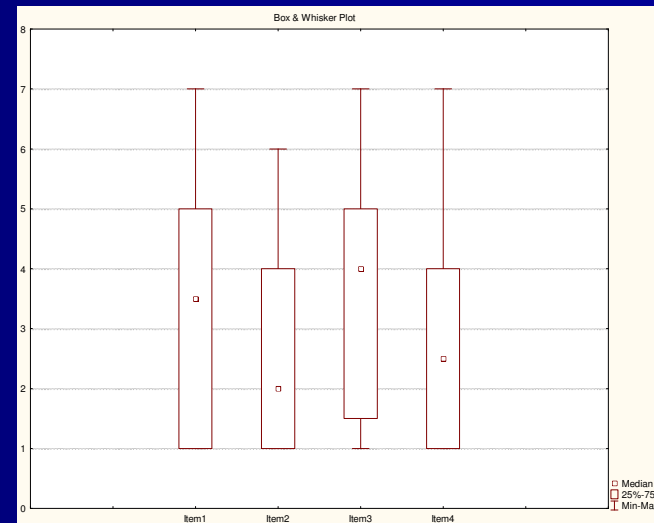
Support for clinical audits:



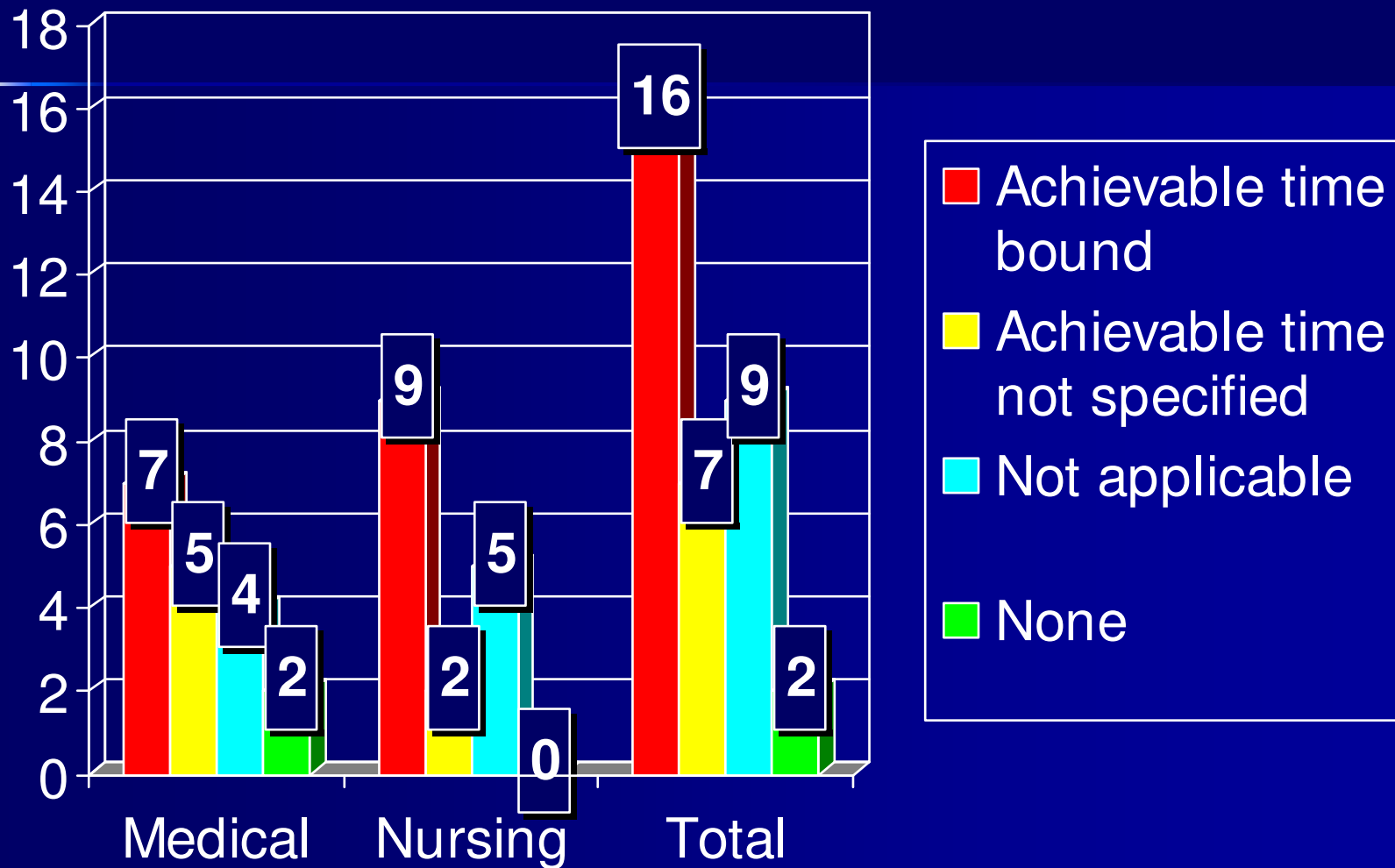
- Patient details
- Audit tools
- Data entry support
- Database development
- Resources available in intranet clinical audit page
- Certificate for completed clinical audits

Statistical support e. g:

- ANOVA; one-way, multi-factorial & repeated measures
- Non-parametric tests
- Linear and non-linear models, including survival curves
- Multivariate techniques including cluster and factor analysis
- Reliability and item analysis



Number of completed clinical audits and recommendations developed as at 31/5/9:



Clinical audit support team:

- Madhavi Mannakkara ext 23684
- Joanna Thomson ext 23637

- Andre Donnell ext 5075
- Roland Echaluse ext 5075

Thank you,

Clinical Audit Support Team