

# Medical Research in the Community : GPs can do it better

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# ***Greetings***



***from Australia***



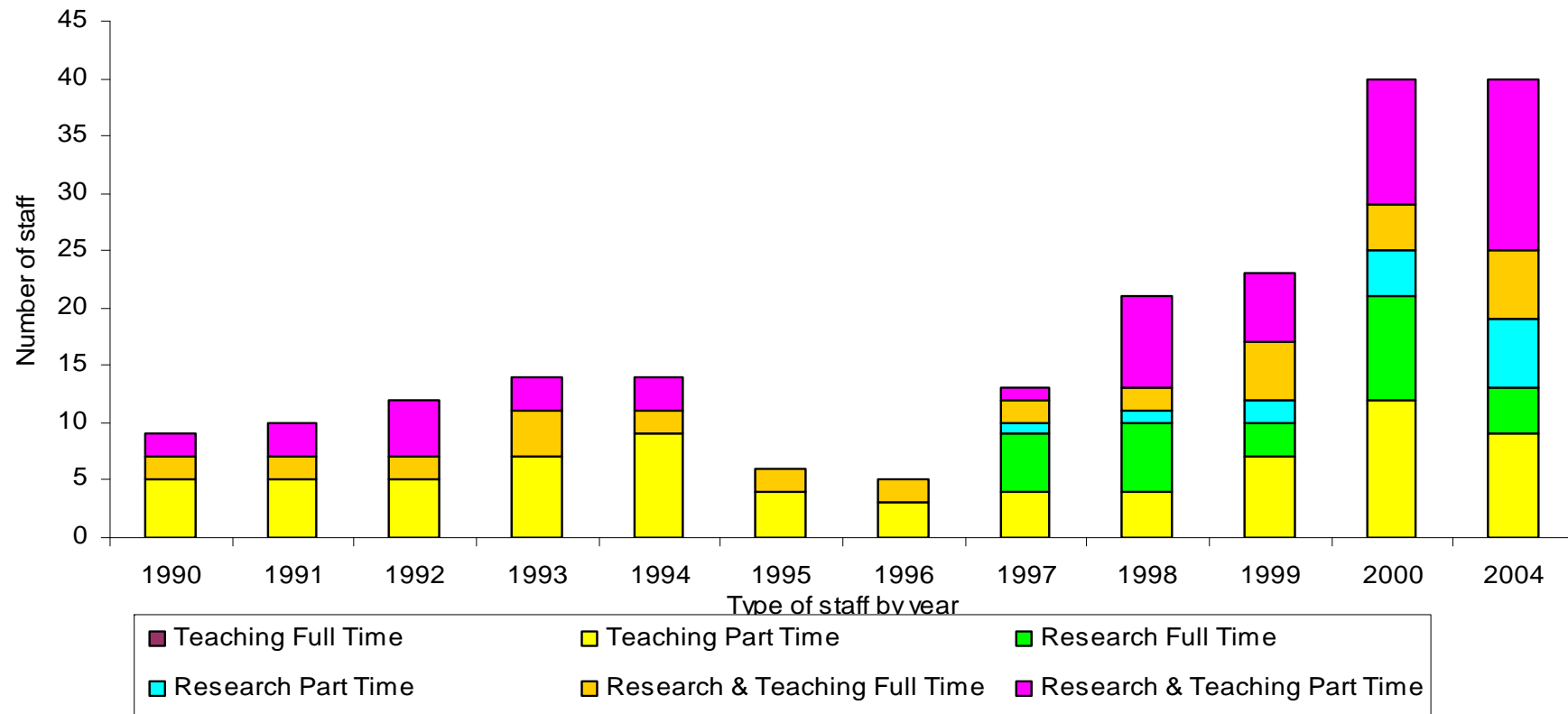








# Department of General Practice Academic Staff

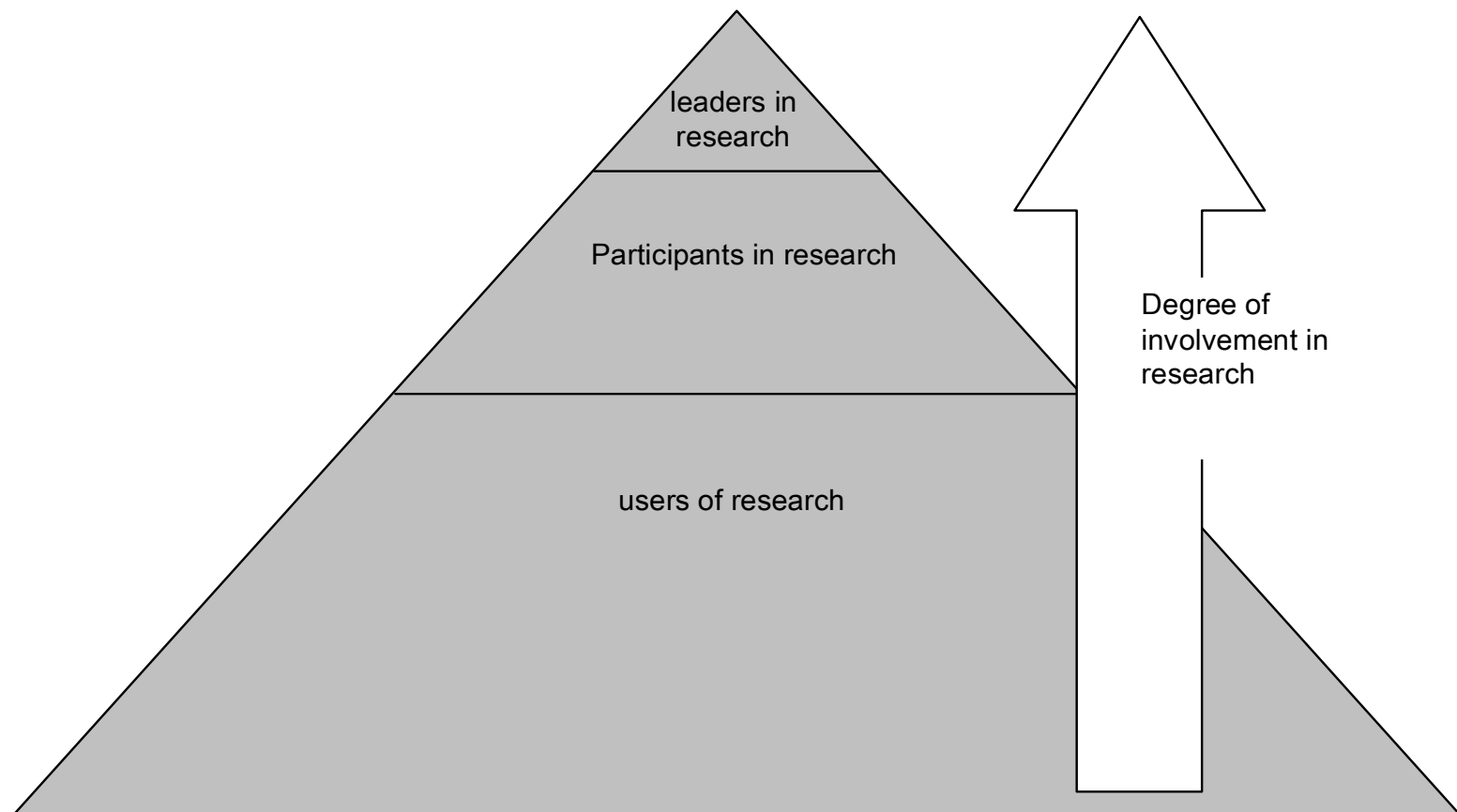






DEPARTMENT OF  
GENERAL  
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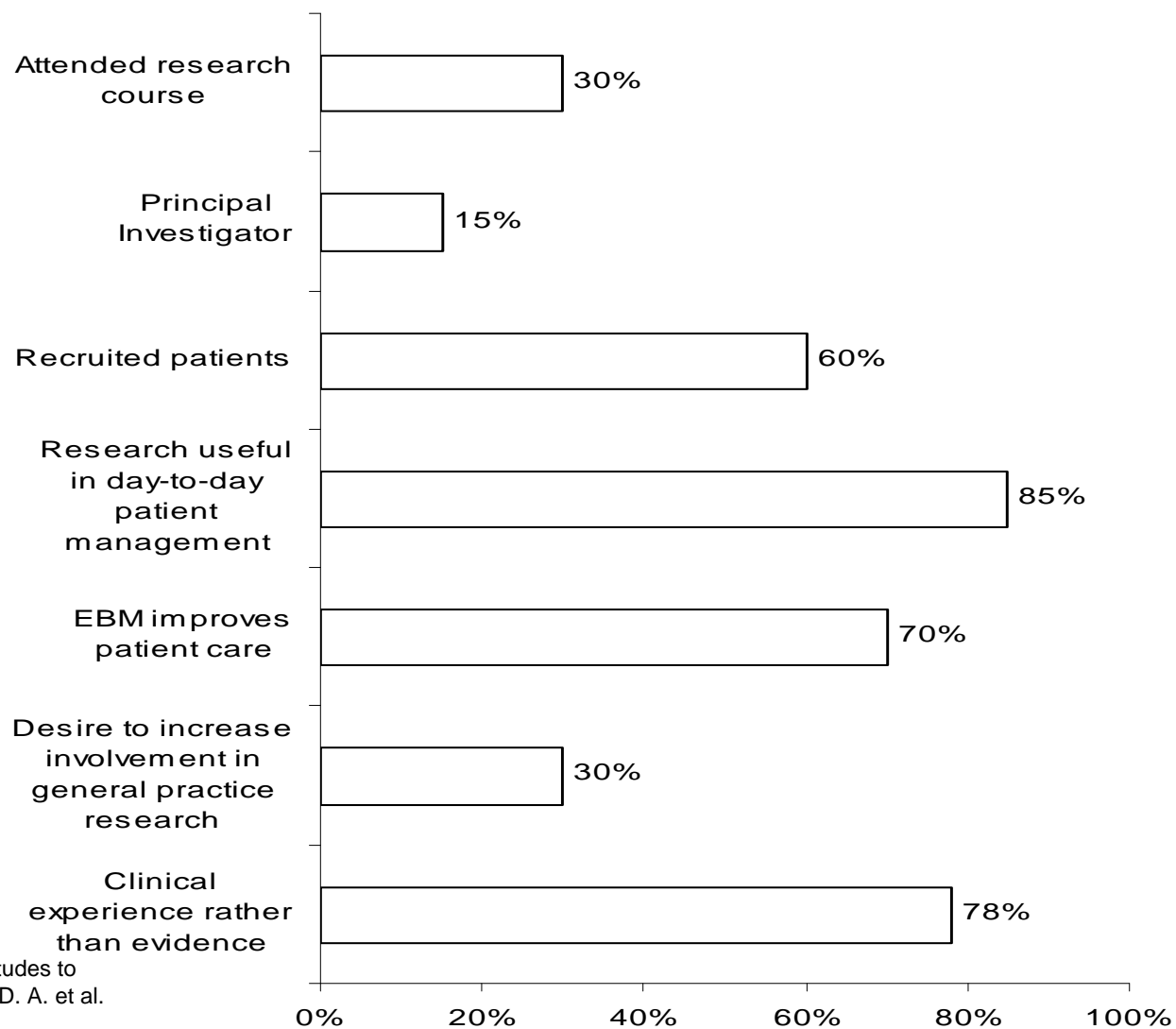
## Glasziou's triangle'- different levels of research engagement (Del Mar 2







DEPARTMENT OF  
GENERAL  
PRACTICE



GPs involvement in and attitudes to research Source: (Askew, D. A. et al. 2002)

# Research Participation

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- Recruit patients
  - Clinical trials (pharmaceutical)
  - Interview (social scientists)
- Being surveyed (to death)

**ALL PASSIVE, NEED TO BE MORE  
PRO-ACTIVE**

## Richard Horton, editor, Lancet

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'if research is to be of relevance and clinically meaningful to GPs, greater investment in more vigorous study design will need to occur, not always RCT;...

'the neglect of research has made primary care one of the most intellectually underdeveloped discipline in medicine'

(evidence and primary care, Lancet 1999)



**In 2003, Horton:**

**'advocacy for primary care research from the truly powerful quarters of medicine is weak,**

**Research capacity in people, skills, training and institutions –is weak for primary care compared with other areas of biomedicine**

# Branching out –change attitudes to GP PHC research and Increase research participation

# Clinical research

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- Primary care prevention of falls and fractures in the elderly by annual vitamin D supplementation *(NHMRC)*
- DIAMOND: Diagnosis, management and outcomes of depression in Primary care: a longitudinal study  
*(NHMRC, Centre of Excellence in depression and related disorders consortium)*
- Diabetes in General practice: determinants of care and experiences of patients- the dig deep study  
*(RACGP/CVRG Pfizer, Diabetes Australia)*



# Transmural research

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- Hospital secondary/tertiary care/  
General Practice Implementation  
research

(Grol R et al, Netherlands; National institute of  
clinical studies, Aus)

(CHD, STROKE, FALLS PREVENTION,  
ASTHMA, COPD, Diabetes)

# Health services research

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- Support and evaluation resource units for Divisions of GP (5 years)
- Relative effectiveness of population health interventions in general practice *(Commonwealth DHAC)*
- GPs in Community health centres
- Hospital admission risk program
- Hospital demand management  
*(State Health , DHS)*

# Practice based research networks (PBRNs)

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- Collection of data from clinical general practice
- Transfer of research findings into patient care
- Generation of research from actual clinical practice
- Extension of academic research into GPPHC community

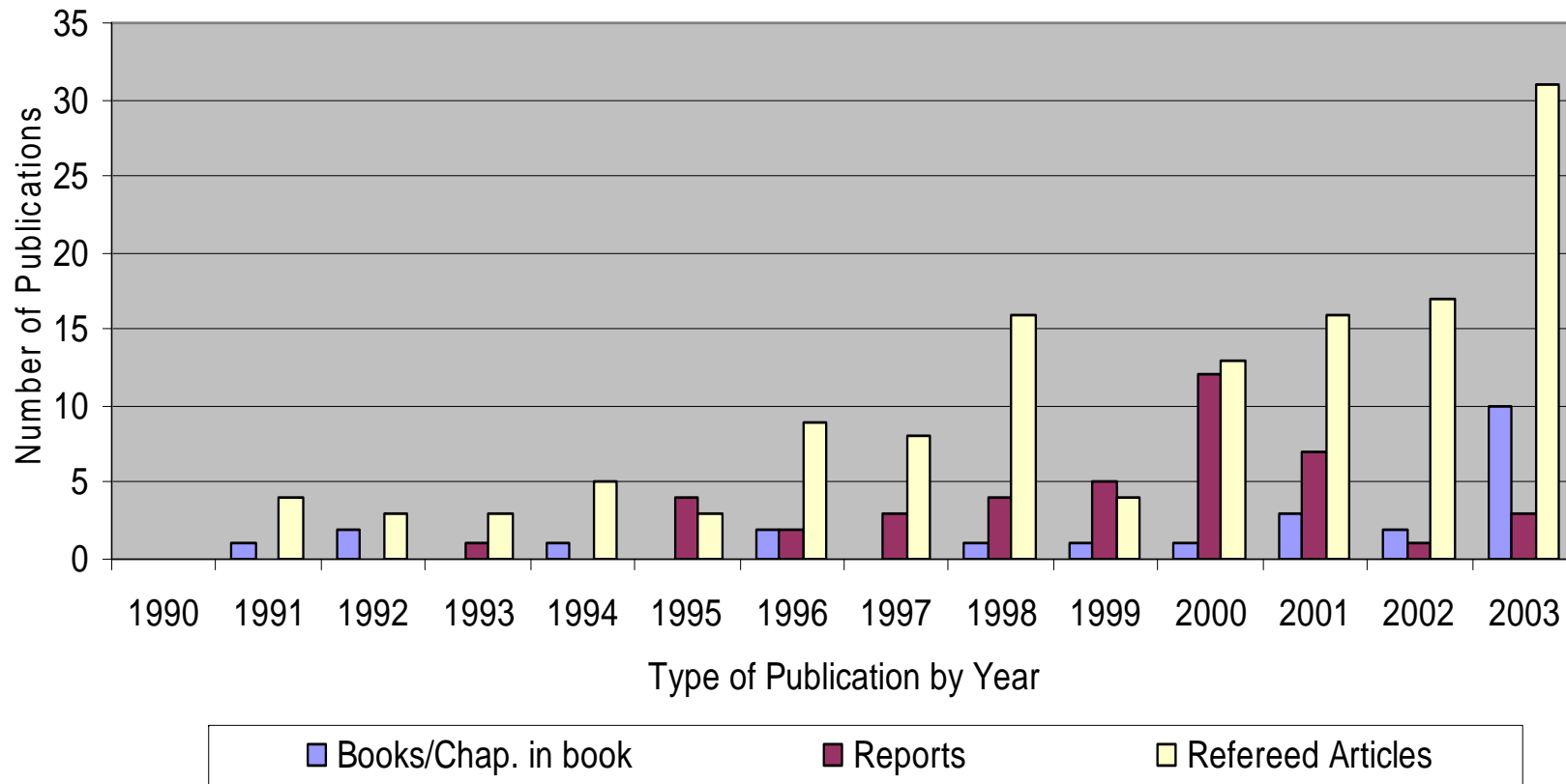


# Growth factors

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- Funding- Tenders/grants
- Critical mass/research talents
- Publications/media
- Supervision of others
- Research leaders
- Career path

# Department of General Practice Publications



# Tasks ahead

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- Change attitudes to research
- Sustainable Infrastructure and funding
- Display research achievements
- Clearing house for research expertise, training and mentoring
- National and International research co-operation to build capacity

