

GPDV IMIT WORKSHOP

GPCG UPDATE

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WHAT I WILL TALK ABOUT TODAY

- ❖ Where is the GPCG at?
- ❖ Work program
 - ❖ Update
 - ❖ New Approach
 - ❖ Standards
- ❖ Electronic health Record
- ❖ GP Terminology/Vocabulary
- ❖ Engaging with Industry
- ❖ Red Tape Review
- ❖ Use of Data in GP
- ❖ Rural and Remote/Infrastructure
- ❖ Ongoing role for GPCG

WHERE IS THE GPCG AT?

- Established in 1997 as the peak group for GP computing
- Frustration over a lack of progress in the GP IT agenda & a need for focus
- “Owned’ by GP organisations and GPs
- Currently auspiced by the RACGP
- In second triennium of funding

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SOME PROGRESS ...

- 1998 - GP Strategy Review & Budget funding
- 1999 - GPCG funded & GPCG Strategic Framework for GP IM/IT released
- 1999-2001 - Funding of Division and SBO IM/IT Support Officers
- 2001 - Refunding of GPCG & 2nd Strategic Framework developed

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THE GPCG REPORT CARD

- Agreed plan for spending on GP IM&IT endorsed by all major stakeholders
- Funding of IT Support Officers to provide **practical** assistance to general practitioners as they computerise - **a need that still exists**
- **Clearinghouse** for GP IM&IT
- Comprehensive survey of IM&IT in Divisions
- National workshop & report to guide the development of Decision Support software for use in General Practice
- **GPCG Coding Jury recommendations** for clinical coding systems for use in GP

THE GPCG REPORT CARD

- Development & publication of a data model, data dictionary & core data set for use in General Practice
- Trial of an EHRA based on the Good Electronic Health Record (GEHR) ... germinal to *HealthConnect*
- Development of a process to evaluate software for use in General Practice
- Active role in standards development for use in GP computing systems
- Extensive program of targeted research activities

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THE GPCG REPORT CARD

Active participation and leadership by General Practice in national initiatives:

- National Health Information Management Advisory Council (NHIMAC)
- Better Medication Management System - now *MediConnect*
- National Health Information Standards Advisory Committee (NHISAC)
- National Electronic Health Records Taskforce
- National Electronic Decision Support Taskforce

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WORK OF THE GPCG

How is the agenda set?

- Evolving process
- Keen for more effective stakeholder input
- Direction Setting Workshop to be held during July
- Pressing for more flexible approach
- What do we do now?
 - MC outcomes on web site

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WORK PROGRAM – PHASE ONE

- ACTIVITY FOCUSED
 - ☐ Standards Development
 - ☐ Chronic Disease Management Specifications
 - ☐ Messaging - HL7
 - ☐ Encryption/security - PKI
 - ☐ Electronic Health Record
 - ☐ CME/CPD - Directory
 - ☐ Broadband/infrastructure - esp Rural & Remote
 - ☐ Support for medical software industry
 - ☐ Electronic Decision Support
 - ☐ Knowledgebase feasibility
 - ☐ Leadership Role For Primary Health Care IM

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The Work Program – Phase One

Projects underway or about to be commenced

1. Patient Databases – 8 projects

Chronic disease registers, GP Data Model, EHR, Privacy issues, MSI support, Software Supplier Accreditation.

2. Health professionals communicate electronically – 7 projects

Electronic messaging, HL7, PKI issues, Security for electronic data, On-line education and training, Regional and Rural workshop, GPCG Clearinghouse, capacity of DGP's to undertake aggregation & analysis of population health data provided from practices in their local region.

The Work Program – Phase One

Projects underway or about to be commenced

3. **Electronic diagnostic and treatment information – 2 project areas**

Treatment Information - test hypothesis, patient-doctor relationship;

Decision Support - standards based guidelines, input to ICP, work with NPS to develop QuM prompts & evaluate impact on prescribing behaviour, Preventative Care Guidelines (Red Book) and provision of seed funding to support Pathology decision support projects.

The Work Program – Phase One

Projects underway or about to be commenced

4. **Practice administration – 3 projects**

Generic stationary, Electronic claiming, Practice Accreditation.

5. **Research and Population Health Data – 2 projects**

Short term research fellowships, bench marking of lead Divisions and practices.

6. **Consistency across the health sector – 3 projects**

GP Vocabulary, Standards, Leadership role –
Direction Setting workshop.

PHASE TWO – NEW APPROACH

- OUTCOMES V ACTIVITIES
- Five core areas
 - ☐ Chronic Disease Management
 - ☐ Preventive Care
 - ☐ Quality
 - ☐ Electronic Communication
 - ☐ Planning for the future
- Managed by Working Groups

WORK PROGRAM – PHASE TWO

- OUTCOMES FOCUSED

- ☐ Improved communications between GPs and across sector
- ☐ National source of information - Knowledgebase
- ☐ Support for Government initiatives & e-commerce
- ☐ Leadership/advisory role
- ☐ Chronic Disease Management Systems
- ☐ Systems for addressing behavioural risk factors
- ☐ Decision Support tools available to GPs
- ☐ Privacy and Security of data assured
- ☐ Standards in place for practice accreditation
- ☐ Benchmarks for IT Systems
- ☐ Software Accreditation Scheme in place

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STANDARDS WORK PLAN

- The Standards work plan lists activities at three levels:
 - interoperability standards level such as data/information model, terminology and health record architecture, messaging and knowledge representation;
 - user or functionality level such as security and privacy, desktop software design, communications, business processes, organisational and decision support systems; and
 - Capacity building including training & support activities & strategies.

GPCG STANDARDS STRATEGY – PROBLEM-BASED APPROACH

- Traditional approach focuses on standards technology
- GPCG will link standards development with current clinical systems issues.
 - Early input from clinical and software developers
 - Early engagement of users

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ELECTRONIC HEALTH RECORDS DEVELOPMENT

- GPCG funded four GEHR (now *openEHR*) projects from 1999 through to 2002.
- External evaluation - “strong contributions to the early development of international and national standards in health informatics...” and “greatly enhanced the knowledge of HER systems technology in Australia” (Feb 2003)
- GEHR work continuing via the *openEHR* project funded by HealthConnect
- PIP initiative - Minister has invited GPCG to work with Government on setting outcomes criteria for next payment

GP TERMINOLOGY AND VOCABULARY

HISTORY

- Agreement on need for national standard in GP Informatics work-plan 1996
- Appointment of GPCG Coding Jury (independent expert model) 1998
- Requirement specification completed and open invitation for potential systems issued

GP TERMINOLOGY AND VOCABULARY

How will GP Terminology progress from here?

- 1 - Development of GP term list from raw diagnoses recorded in medical record
- 2 - Map a sample of GP term list to a candidate reference terminologies and classification
- 3 - Make a final decision on the standard Reference Terminology and map the remainder of terms

ENGAGING THE INDUSTRY

- Discussion paper on developing a strategy to improve the partnership between significant stakeholders in GP IMIT including government, general practice, GP academia, health professionals and the medical software industry.
- GPCG adopting central role.
- Workshop to progress.

RED TAPE REVIEW

- GPCG pressed number of issues including:
 - Standardising forms for the provision of information by GPs
 - Acceptance by Government that providing additional information is a business cost
 - Understanding that General Practices are businesses.
- Views and ongoing role acknowledged in PC Report
- Working with DOHA and HIC on “Accelerating the use of IT”
- Second PIP payment linked to EHR

DATA IN GENERAL PRACTICE

- Working Group established
- Focus on use of data collected by GPs
- Key questions include:
 1. Why is the data being collected and how it will be used?
 2. Can the data be collected and stored safely?
 3. Risk management regarding the changing privacy and technical environment?
 4. What is the public good vs. the private gain?
- To be progressed as a Workshop at GPCG Forum
- Liaw's Law

RURAL AND REMOTE – INFRASTRUCTURE ISSUES

- Key issue for GPCG to lead on
- Extensive lobbying to get Health portfolio buy-in
- Some success
 - Three portfolios now looking at targeted assistance
 - Fairer Medicare
- Workshop to be held in July
- GPCG Forum

ONGOING ROLE FOR GPCG

- **Environmental**
 - ☐ Standards for collection, coding, classification and transmission of clinical data
 - ☐ Electronic Decision Support tools
 - ☐ Electronic Health Record
 - ☐ Software accreditation
- **Knowledge management**
 - ☐ Education, awareness, training, knowledgebase, CME/CPD
 - ☐ Research
- **Leadership and Advocacy**
 - ☐ Direction setting
 - ☐ Consistency across health sector
 - ☐ Cross Jurisdictional coordination

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WHERE TO FROM HERE?

- GPCG keen to work collaboratively on issues of common interest including information management, GP workflow & consumer issues
- GPCG well placed to provide expertise, stakeholder buy-in and to ensure engagement with the medical software industry
- Funding implications, especially in area of research, to be explored
- Evaluation is crucial

The challenges ...

- Compared to 5 years ago, General Practice now has the **IT infrastructure & direction** to support the delivery of better health outcomes
- There remains much to do to **build capacity within General Practice** to optimise opportunities
- General Practice is light years ahead of the rest of the health sector

GPCG Annual Forum 2003

- Saturday 9th August 2003 at Sydney Convention Centre, Darling Harbour.
- In conjunction with the Health Informatics Expo: RACGP 12th Computing Conference (12CC), Health Informatics Conference (HIC) 2003, Health Information Management Association of Australia (HIMAA) conference, Health Level 7 (HL7) and Practice Nurses Conference.

GPCG Annual Forum 2003

Proposed panel discussions at the Forum:

- 1 - Outcomes of the Direction setting workshop for GP informatics, incorporating Rural and Remote and Industry engagement;
- 2 - Open Knowledge in General Practice.

Workshops at the Forum:

- 1 - 'Data Issues in General Practice' which will include privacy, security and consumers issues;
- 2 - Divisions IT Workshop - Where to From Here?

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