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AlfredHealth

Alfred Health

- The Alfred Hospital
- Caulfield Hospital
- Sandringham Hospital
- Melbourne Sexual Health









The Alfred Medical Research & Education Precinct (AMREP)

- Alfred Health
- Baker IDI Heart & Diabetes Institute
- Deakin University
- Burnet Institute
- Latrobe University



AlfredHealth

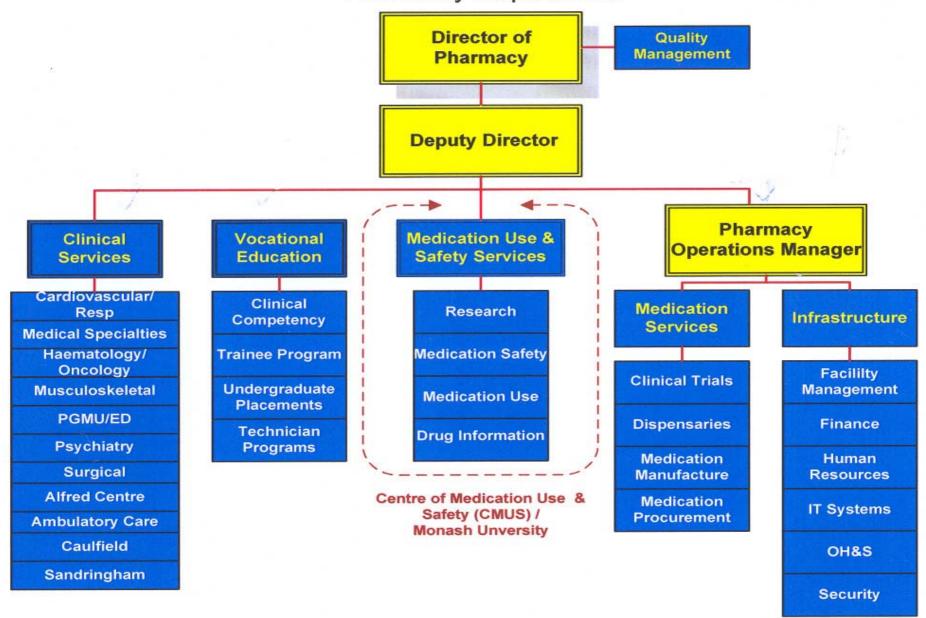
Clinical Organisation

Programme
Cancer & Medical Specialties
Cardiothoracic and Intensive Care
Emergency and Acute Medicine
Pathology
Pharmacy
Psychiatry
Radiology
Rehabilitation, Aged and Community Care
Surgical Services



AlfredHealth

Pharmacy Department



Prato 2037



Is this the future of pharmacy?

- Therapeutic decision making will be delegated to pharmacists
- Physicians will relinquish dosing to pharmacists
- Institutional practice will require periodic recertification
- Institutional practice will be composed of multiple tracks
- Hospital accreditation will require clinical pharmacy services in defined areas of practice
- Turf conflicts between nursing and pharmacy will become more intense
- Conflicts between nurse practitioners and clinical pharmacists will increase
- Pharmacist will have the legal prerogative to prescribe



Barriers to advancement?

- Lack of widely agreed-upon philosophy of practice in pharmacy
- Lack of consensus on what the standard of practice ought to be
- Lack of consumer demand for clinical pharmacy services
- Inadequate substantiation of the value of clinical pharmacy services
- Ill-defined priorities in the provision of clinical pharmacy services
- Lack of continuity of pharmaceutical services
- Inadequate systems of rewards
- Limited expectations of other health professionals have of pharmacists
- Failure of pharmacists to remain competent
- Lack of appropriate technical support in pharmacy
- Pharmacy directors are unable to provide effective leadership

Prato 2037....really!!

Gourley DR, Hadsall RS, Gourley G, Fine DJ, Wiener M. ASHP members' concepts of institutional pharmacy in the year 2000. Am J Hosp Pharm 1985; 42: 96-101



Prato 2011

Most important thing we ought to be focusing on?

```
"search for our identity....whatever that is......"

"Abandon curriculum"

"professional identity...who we are...."

"academic minds need some direction...."

"ditch teaching.....let them play"

"change teaching approach...."

"show excellence....."
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Prato 2011

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Healthcare practitioners with expertise in medication management



Resistance to change in practice setting

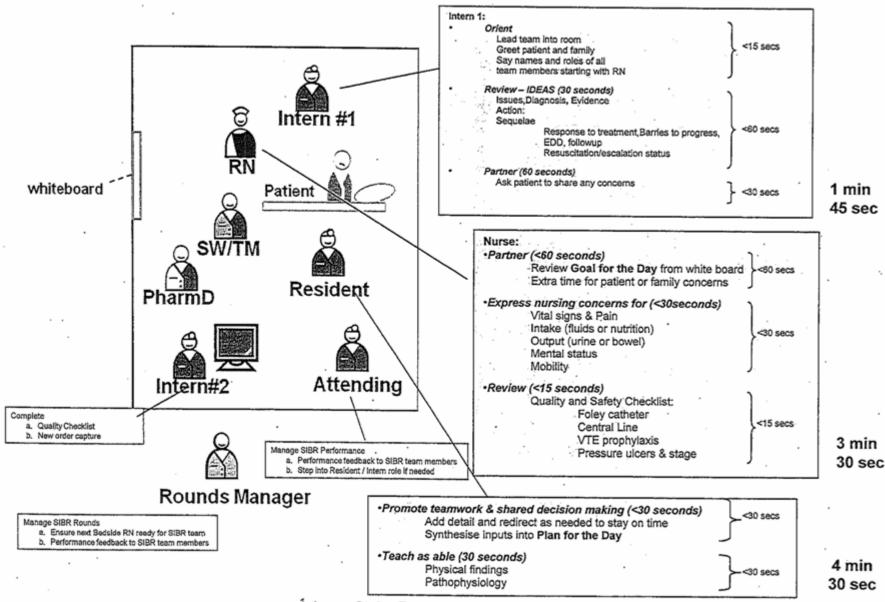
Ward based pharmacists

Versus

Unit based pharmacists



Structured Interdisciplinary Bedside Rounds¹ (SIBR)



¹ Jason Stein, Emory

Resistance to change in practice setting

20. Do you think that any of the following barriers to implementing these roles into your job as a pharmacist exist? (Please tick all the statements that you feel apply)

	Response Percent	Response Count
Time constraints	84.0%	21
Overlapping with other healthcare professional's job roles	76.0%	19
Lack of confidence with conducting simple clinical tests on patients	40.0%	10
	Other (please specify)	4

answered question

skipped question

25

18

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- 8. ...5% of other....increased to 20%
- 9. White space is known as something in the brain
- 10. Graduates with attributes that will make a difference in the future
- 11. Graduates who can engage patients...graduates who believe they are health professionals that make a difference
- 12. Graduates who can make independent decisions
- 13. Curriculum that is responsive to change
- 14. A sense of urgency and a sense of passion



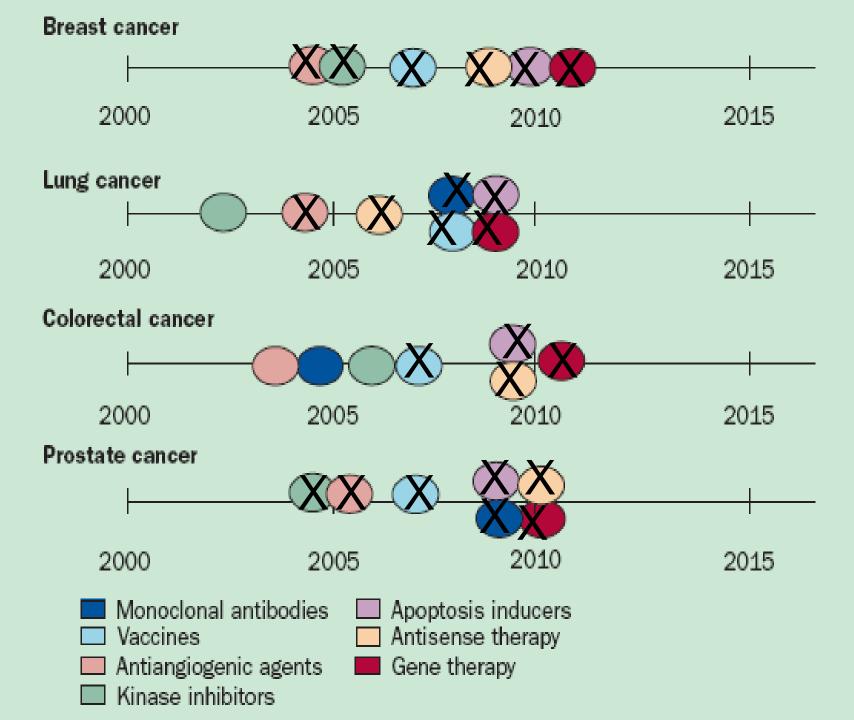
(but not limited to)

Healthcare practitioners with expertise in medication management



It's not about the drug

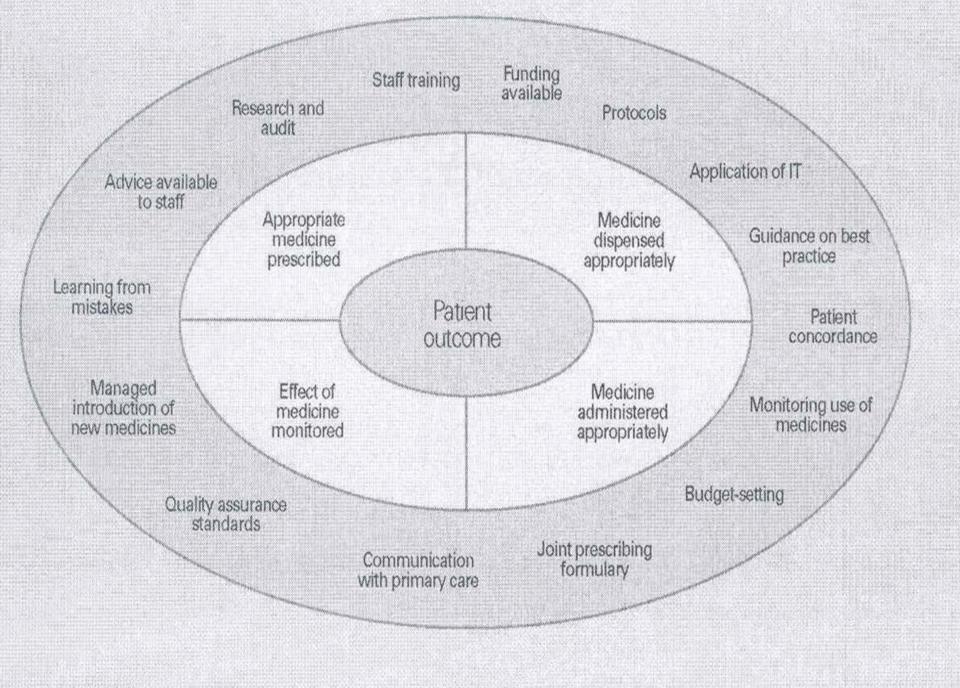




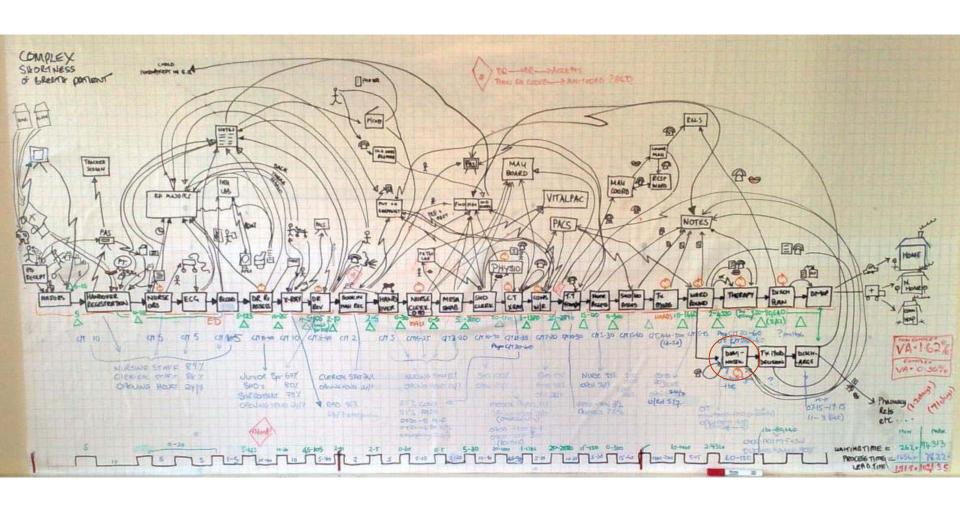
How much should we focus on new medications?

>98% of all medications initiated in acute care hospitals have been on the market for > 5years





It's not about the drug

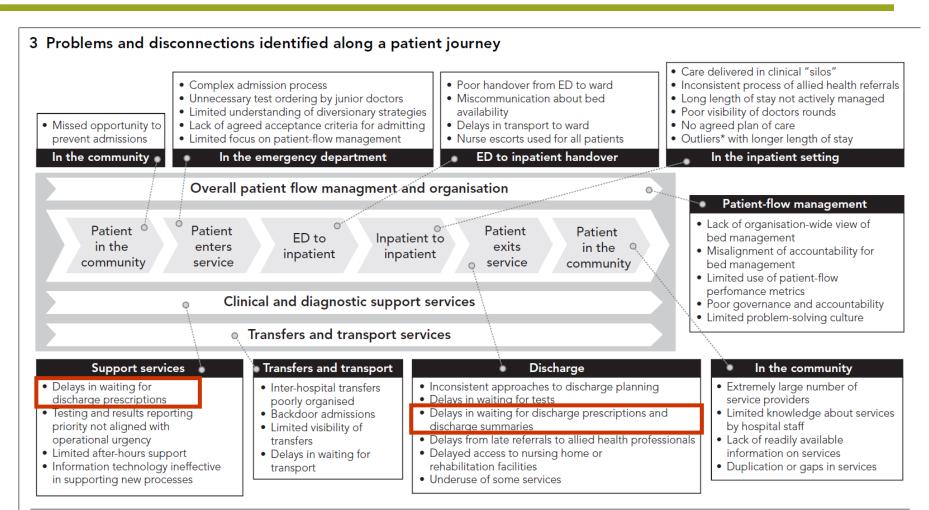






Health services under siege: the case for clinical process redesign

Tony J O'Connell, David I Ben-Tovim, Brian C McCaughan, Michael G Szwarcbord and Katherine M McGrath

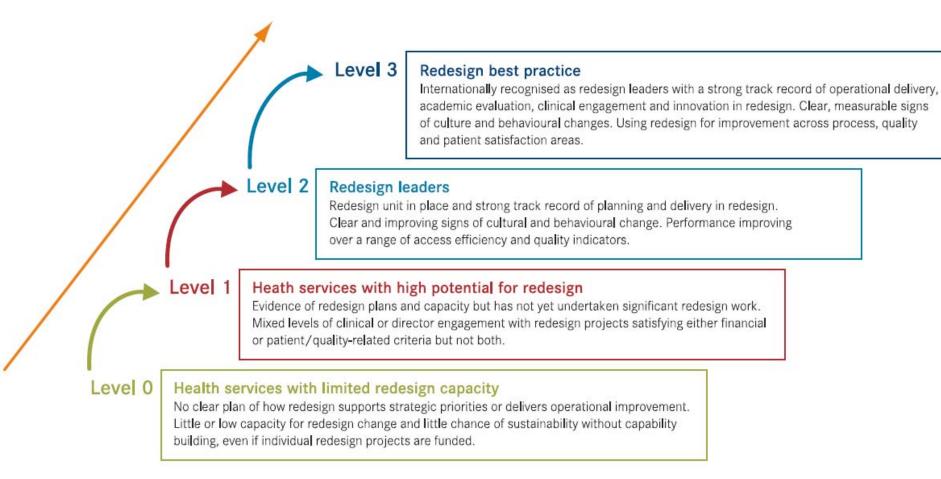


ED = emergency department. * Patients admitted to an available bed in a ward that is not the designated ward for their condition.

Focusing on innovation and change management



Figure 3: Levels of redesign capability







1 An agenda for addressing antimicrobial resistance

SURVEILLANCE

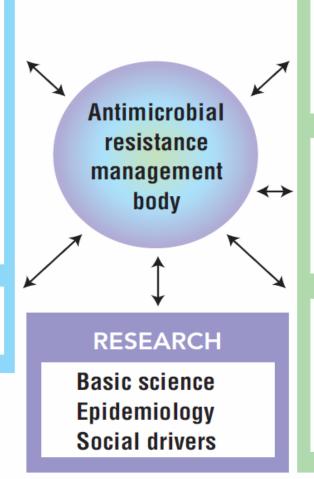
Resistance surveillance

- Human isolates (hospital, community)
- Animal isolates

Usage surveillance

- Human (hospital, community)
- Animal health
- Health care-associated infection

Disease burden
Disease outcome



INTERVENTION

Regulation

- Registration
- Reimbursement
- Animal use
- Access to new drugs

Infection prevention

- Infection control
- Immunisation
- Health care epidemiology

Education

- Stewardship programs
- Prescribers
- Consumers
- Clinical practice guidelines





Balanced adoption of technology





Challenges of Adoption of Technology in the Acute Healthcare Setting

Implementation

- Technological (i.e. system applications)
- Organisational process change (i.e. Workflow redesign)
- Human factors (i.e. user-friendliness)
- Project management (i.e. achieving project milestones)

Chaudhry B, et al. Ann Intern Med 2006; 144:12-22.



Challenges of Adoption of Technology in the Acute Healthcare Setting

Evaluation

Dimensions of care

Effectiveness

Efficiency

Safety

Access

Effect to evaluate

Adherence

Surveillance

Errors

Time to care

Utilization of care

Time to utilization

Time utilization

Implementation costs



Challenges in implementing prescribing: experiences in Victoria

Software functionality

Difference in practices from the US

Required enhancements

Third party vendors

Functional evaluation

Medication datasets

Decision support

Legislative and regulatory issues

Business case

Timelines and political constraints

Sector and clinical expectations

Data

Evaluation



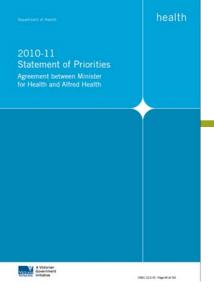
Focusing on innovation and change management

Working together to:

keep an eye on the big picture

tackle the tough stuff
drive rapid spread of knowledge
facilitate swift implementation
ensure sustainability of evidence-based solutions.





Health system policy

- Victorian health services policy and funding guidelines 2010-11
- Directions for your health system Metropolitan Health Strategy
- Rural directions for a stronger healthier Victoria Update of Rural directions for a better state of health
- Victorian clinical governance policy framework Enhancing clinical care
- HealthSMART participation policy

Program-specific policy

- Because mental health matters Victorian Mental Health Reform Strategy 2009-19
- Victoria's Cancer Action Plan 2008-2011 Innovation in care-saving lives
- Close the Gap: Indigenous Health Equality Summit Statement of Intent
- Better Faster Emergency Care Improving emergency care and access in Victoria's public hospitals
- Improving care for older people A policy for Health Services
- · Victoria's intensive care services: Future directions, 2009
- Patient-centred surgery: strategic directions for surgical services in Victoria's public hospitals, 2010-2015.
- Victorian public hospital specialist clinics Strategic framework
- Future directions for Victoria's maternity services

2010-11 State Budget initiatives

Key initiatives of the 2010-11 State Budget will create capacity to meet growing demand for hospital services and include funding to:

- expand inpatient services to treat additional patients and open additional beds in acute, sub acute and critical care services
- meet demand for radiotherapy, chemotherapy, renal dialysis
- invest in mental health services and support mental health service redevelopment and reform
- · expand palliative care, post-acute care and provide additional sub acute transition care places
- expand the Hospital Admission Risk program, including the Residential In-Reach Program, and provide additional community rehabilitation services
- treat extra elective surgery patients
- · support new health, aged care and community services infrastructure
- increase the health workforce and support health workforce reform
- provide ongoing ambulance services

AUSTRALIANCOMMISSIONON SAFETYANDQUALITYINHEALTHCARE

Consultation Paper on the

Draft

National Safety and Quality Health Service Standards

August 2010

There are ten Standards in total. The first five standards are:

- Governance for Safety and Quality in Health Service Organisations, which
 provides the framework for Health Service Organisations as they implement safe
 systems
- Healthcare-Associated Infection, which describes the standard expected to prevent infection of patients within the healthcare system and to manage infections effectively when they occur, to minimise their consequences
- Medication Safety, which describes the standard expected to ensure clinicians prescribe, dispense and administer appropriate and safe medication to informed patients
- Patient Identification and Procedure Matching, which specifies the expected processes for identification of patients and correctly matching their identity with the correct treatment.
- Clinical Handover, which describes the requirement for effective clinical communication whenever accountability and responsibility for a patient's care is transferred.

The five new draft Standards are:

- Partnering for Consumer Engagement, which creates a consumer-centred health system by including consumers in the design and delivery of quality health care
- **Blood and Blood-product Safety**, which sets the standard to ensure that the patients who receive blood and blood products are safe
- Prevention and Management of Pressure Ulcers, which specifies the expected standard to prevent patients developing pressure ulcers and best practice management when pressure ulcers occur
- Recognising and Responding to Clinical Deterioration in Acute Health Care, which describes the systems required by health services responding to patients when their clinical condition deteriorates
- Preventing Falls and Harm from Falls, which describes the standards for reducing the incidence of patient falls in Health Service Organisations.

The Victorian health system in 2022 Responsive to people's needs Rigorously informed and informative Pathways that are responsive to people's needs

- Develop a system responsive to peoples needs
- Expanding service, workforce and system capacity
- Increasing system financial sustainability and productivity
- Implementing continuous improvements and innovation
- Increasing accountability and transparency
- Utilising e-health and communication technology



Focusing on innovation and change management

Working together to:

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tackle the tough stuff

drive rapid spread of knowledge facilitate swift implementation ensure sustainability of evidence-based solutions.



Independent professional responsibility for health outcomes



Independent professional responsibility for health outcomes

All clinical pharmacists have a clinical outcome indicator

% drug doses appropriately adusted for CRRT

% of patients receiving 1st dose of rivaroxaban within 6-10 hours of surgery *

% All drugs requiring TDM have documented monitoring plan and/or appropriate management plan *

% patients prescribed antipsychotics at levels below chlorpromazine equivalents of 1000mg per day *

% patients prescribed appropriate antiplatelet therapy at discharge following ACS

Error prone abbreviations %orders(ACHS)

< 10 days to to reach therapeutic INR after warfarin initiation *

% of PGMU patients with IHD on an antiplatelet *

% of Vascular patients with PVD on an antiplatelet



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