

# District Yellow Medication Card

Quality Use of Medicines (QUM) Project  
Waitemata DHB

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Project Manager, QUM

Possible Adverse Effects	Please bring this card with you when you:	Waitemata HEALTH
	<ul style="list-style-type: none"><li>Visit your doctor.</li><li>Are admitted to hospital.</li><li>Attend the day ward.</li><li>Visit your pharmacist.</li></ul>	For: Bob Smith
		Date: 4 April 05
		GP Name: Dr. HEART
	Card written by: Name: M.E. Drug Designation: Pharmacist	DRUG ALLERGIES / REACTION TYPE:
	WHL 377	

Medication Card

Name:							
Medicine name(s)	Strength	Medication Times & Dose					Purpose/ Special Instructions
		Waking	Breakfast	Lunch	Dinner	Bed	
Metoprolol (Betaloc CR)	95mg	one					- for heart failure - swallow whole
Furosemide	40mg	one					water tablet (diuretic)
Aspirin (Carba)	100mg	one					- to thin blood
Cilazapril (Inhibace)	2.5mg	one					- for heart failure
Spironolactone (Aldactone)	25mg	one					- for heart failure

Please turn over

## Background

- Timely accurate transfer of patient information between different health professionals caring for the patient
- Nothing new!
- Strong support from GPs for increasing use of patient-held medication card
  - practical way to assist with transfer of information
  - yellow card = tangible record for the patient
- Collaborative approach that **includes** the patient.

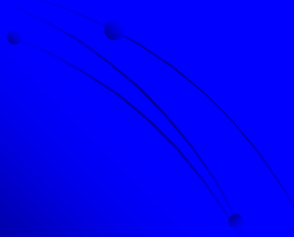
# Yellow Card Project

- Modify card → district card
- Health professional education
- Consumer campaign

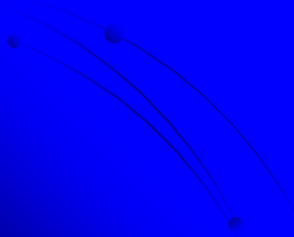
Medicine name(s)	Strength	Medication Times & Dose					Purpose/ Special Instructions
		Waking	Breakfast	Lunch	Dinner	Bed	
ASPIRIN EC (Aspec®)	75mg		1				To thin blood / prevent stroke or heart attacks DON'T TAKE 20/0
METOPROLOL CR (Betaloc CR®)	47.5mg		1				For heart / blood pressure DON'T TAKE 20/0
CILAZAPRIL (Inhibace®)	5mg		1				For heart / blood pressure DON'T TAKE 20/0
DOXAZOSIN (Dosan®)	4mg		1/2				For heart / blood pressure
FRUSEMIDE (Diurin®)	40mg		1				To get rid of excess fluid DON'T TAKE 20/0
BEZAFIBRATE (Bezalip®)	200mg		1		1		To lower cholesterol DON'T TAKE 20/0
OMEPRAZOLE (Losec®)	20mg				1		For stomach - to prevent reflux DON'T TAKE 20/0
POTASSIUM chloride SR (Slow-K®, Span K®)	600mg					2	For potassium replacement DON'T TAKE 20/0

Name: \_\_\_\_\_  
 (18/8/04) \* (Lombard) Allendale Pharmacy

## Consultation with...



## Consultation with...



# Consultation with...

Hospital Pharmacist

Ward Nurse

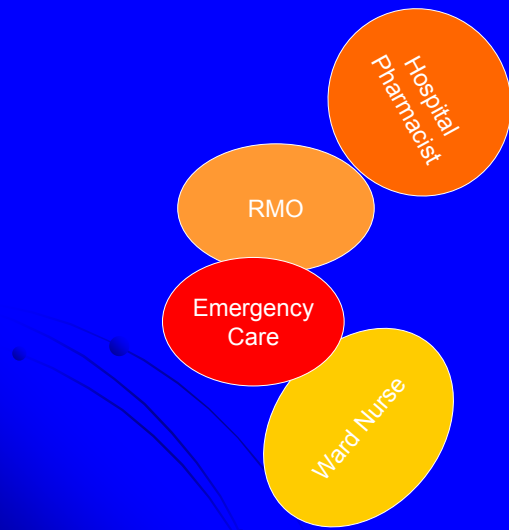
# Consultation with...

Hospital Pharmacist

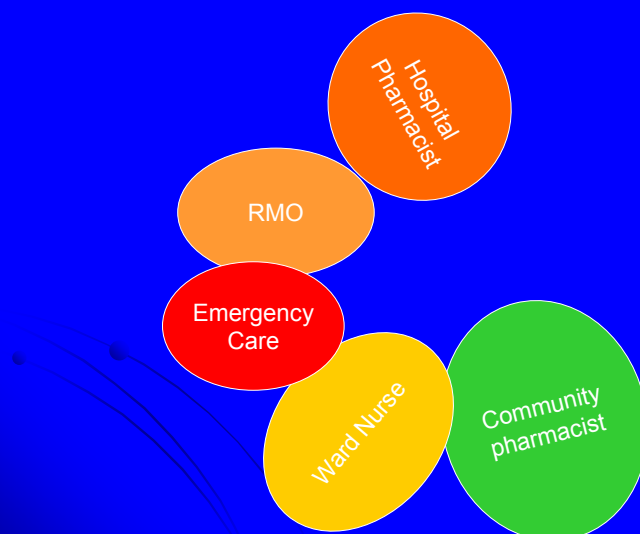
RMO

Ward Nurse

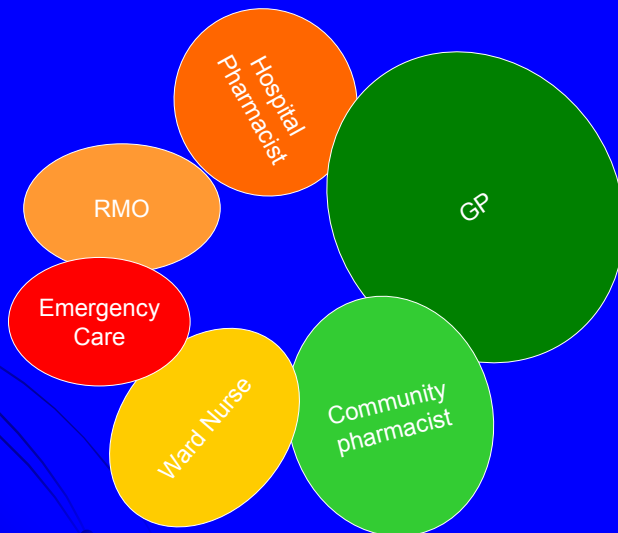
## Consultation with...



## Consultation with...



## Consultation with...



## Consultation with...



# Electronic Solutions



# Interfaces



## Key Issues

- electronic transfer will improve timeliness, will it improve accuracy of information??
- **Hospital** → **home**, 25% inaccuracies in electronic discharge prescriptions (older people services)
- Other wards??
- Hard copy yellow card is more accurate than prescription
- **Home** → **hospital**, only 27% of GP referral letters had accurate medication information (A. Lee, K Crausaz)

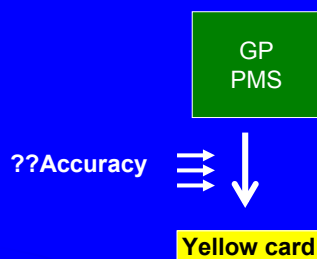
## GP medication print out

\*\*\* REGULAR MEDICATIONS \*\*\*  
ASPIRIN 300 MG, 1/2 TAB DAILY ✓  
LESCOL 40 MG 40MG, TAKE 1 NOCTE - No ✓  
Lipex Tab 40 mg, one daily ✓  
MUCILAX, 2 TEASPOONS BD IN FRUIT JUICE ✓  
Maxitrol Eye drops 0.1%, 1 drop q2h prn rt eye DR D Pendergrast2002 ✓ No  
OCCUVITE PRESSER VISION, 2TABS BDrec Dr Mora ✓  
Paracetamol 500mg tabs, 1-2 tabs q4hly ✓  
bendrofluzide 2.5 mg tabs, take 1 tab mane for high tblood pressure ✓  
cosopt eye drops, use as directed rec Dr Mora 2003 ✓  
rhinocort aq nasal spray 100 ug, 2 puffs each nostril mane - No ✓  
somac 40mg tabs, take 1 tab mane for acid ✓  
timolol eye drop 0.5%, 1 drop bd Reco Dr DPendergrast 2002 - No ✓  
didox 75h . ✓

## Key Issues

- Lists of medicines for patient will vary between sources
- Which list is correct??
- Need to look at reasons for inaccuracies more closely. Consider privacy issues.
- Yellow card project - still need a tangible, visually acceptable record for patient

## Stand-alone system model



## Next Generation (GP system)

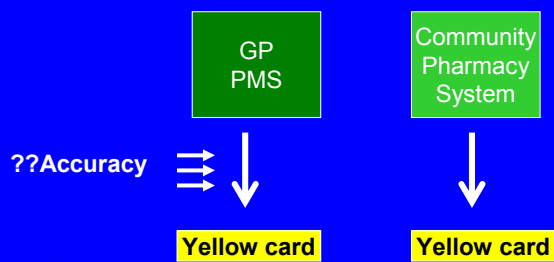
Medication Chart

Printed on 25/01/2005

	Mon	Tue	Wed	Thu	Fri	Sat	Sun
<b>Trimipramine 25mg</b> 1 nocte							
<b>Calciferol Tab 50,000 iu</b> 1 tablet monthly For Pagets disease							
<b>Paracetamol Tab 500 mg</b> 1-2 tabs every four hours as required For Multiple injuries from fall							
<b>Cosopt Eye drops 2% with timolol maleate 0.5%</b> 1 drop bd for 3 months Recommendation Dr D [redacted] ophthalmologist December 2003 glaucoma							

\*\*\* ALERTS AND ALLERGIES \*\*\*  
Nil

## Stand-alone system model



# TONIQ (Pharmacy)

**TONIQ PHARMACY**  
MEDICATION CHART

**USUAL doctor details.**  
Patient: Mrs Ivy Woodhall  
14, Greys Acres Rd, St Martins, Christchurch.  
Doctor: Dr Paul O'Kearra  
Town Med Centre, High St Christchurch

**Show usage**  
TALCION 250mg (Tiazolam) tablets (blue, oval, scored, "Upjohn 17")  
For sleep.  
Take HALF tablet at night. Avoid grapefruit and its juice. Do not drink alcohol.  
ESTROFEM 2mg (Estradiol) tablets (medium-sized, blue, round, "Novo 289")  
For oestrogen deficiency, prevention of bone mass loss.  
Take ONE tablet daily.

**Alternate medicine name**  
PERMAX 0.25mg (Pergolide Mesylate) tablets (green, cubic, scored)  
For Parkinson's.  
Take HALF a tablet twice a day with food.

**Show and expand sig**  
ATENOLOL 50mg (L-cen 50) tablets (medium-sized, white, round, "50")  
For high blood pressure.  
Take HALF a tablet daily. Do not stop taking this medicine.

**Description = Med name + alternate name + form + appearance**  
SINEMET 25mg/50mg (Carbidopa/Levodopa) tablets (blue, oval, "MSO 654")  
For Parkinson's.  
Take HALF a tablet FOUR times daily.

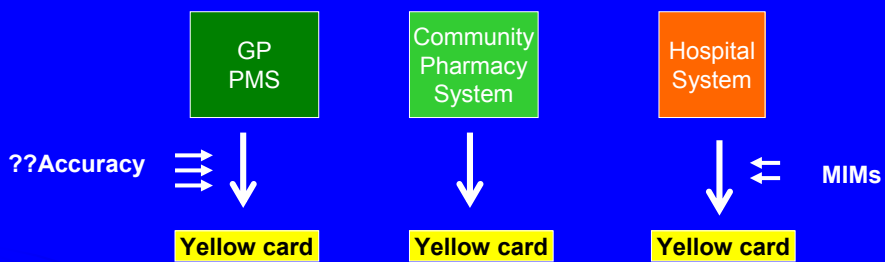
**Bold medicine appearance**  
DISIPAL 50mg (Orphenadrine HCL) tablets (white, "Disipal")  
For Parkinson's.  
Take TWO or THREE tablets daily.

**Comma between appearance attributes.**

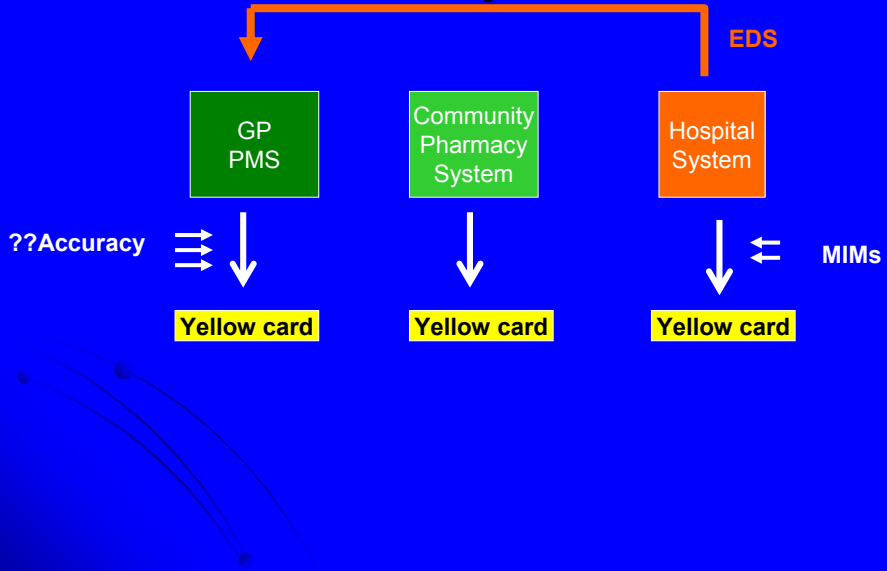
THIS CHART IS FOR MEDICINES TO BE TAKEN STARTING: 1<sup>st</sup> MAY  
Store medicines out of reach and sight of children

**Annotations:**  
- Dose headings  
- Hide unused dose columns (Dinner, Morning Tea)  
- Ref number: increases by one each time chart is printed  
- Repeat headings  
- Check collection date  
- Alpha (text) Month, (e.g. Jul not 07)  
- Repeat column width  
- Dose column width (6mm)  
- Message lines

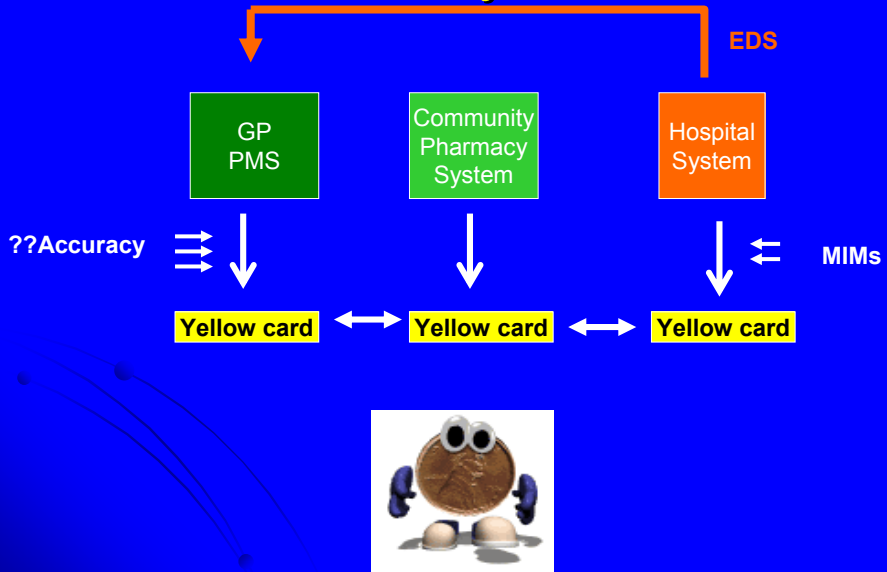
# Stand-alone system model



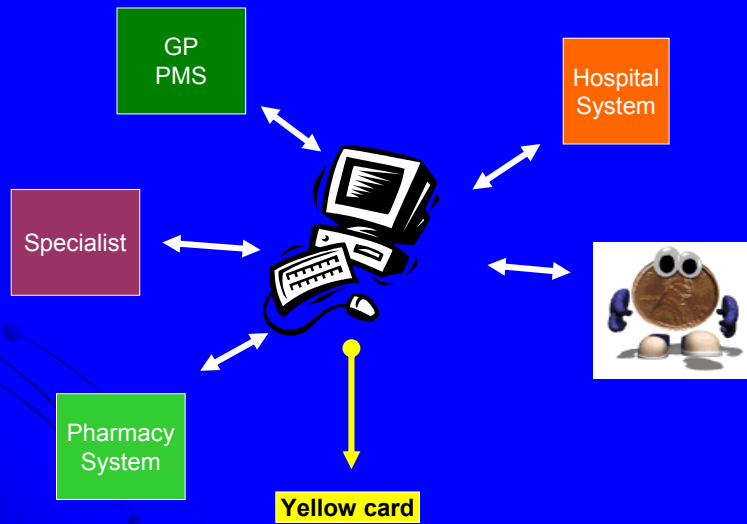
# Stand-alone system model



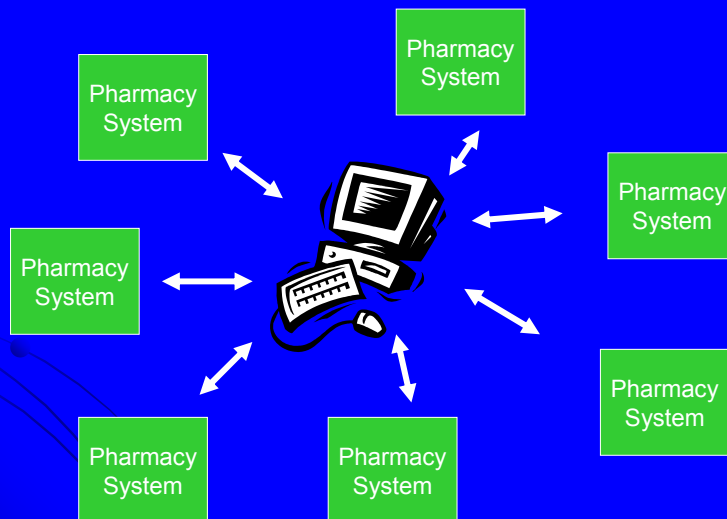
# Stand-alone system model



## Integrated Model



## British Columbia, Canada



## Where to from here?

- Modify current card – consultation
- Develop campaign resources - education
- Distribute across the district
- GP electronic card

## What is QUM

- When medicines are the right option they need to be used wisely & safely
- People do suffer medicines-related harm and in many cases this could have been prevented