

Welcome to this interactive demonstration of a pharmacogenomic clinical decision support system, integrated with primary care electronic health record prototype.


Please click anywhere on the screen to advance through the prototype and do share any comments/feedback.


Thank you,


University of Manchester Progress Research Team and Digital Health Software Team


Click anywhere to start





Add Drug


Restart


Reauthorise


Match


Link problems


Delete


Rx Type


Edit


Replace


One-off Issue


G/T Switch


Issue


Cancel Issue


Reprint


Request Issue


Current / Past


Grouping


View Style


Drug History


Regime Review


Screen Message


Nominations

Patient Actions

Search View

Config

Print

Drug Info

Mouse, Mickey (Mr)

Born 01 Jan 1960 (62)

Gender Male

NHS No. Unknown








Usual GP Patel, Raina (Dr)

My record

 All records

Drug / Dosage / Quantity	Date stopped	Reason	Last Issue Date / Authoriser
Acute			
<b>Withdrawn</b> Amoxil 500mg capsules (GlaxoSmithKline UK Ltd) One to be taken three times a day, 21 capsules			10 May 2007 Patel, Raina (Dr)
Aspirin 75mg dispersible tablets As directed, 1 tablet(s)			20 Dec 2006 Patel, Raina (Dr)
CB Fentanyl 25micrograms/hour transdermal patches As directed, 7 patches			20 Dec 2006 Patel, Raina (Dr)
<b>Withdrawn</b> Influvac Sub-unit vaccine suspension for injection 0.5ml pre-filled syringes (Viartis UK Healthcare Ltd) As directed, 1 pre-filled syringe(s)			20 Dec 2006 Patel, Raina (Dr)
<b>Withdrawn</b> Hegram 500mg tablets (Sanofi) As directed, 29 tablets			04 Aug 2005 Patel, Raina (Dr)
Paracetamol 500mg tablets One to be taken every 4-6 hours up to four times a day, 50 tablet(s)	5 July 2022	Expired	06 Jun 2022 Patel, Raina (Dr)
Sildenafil 25mg tablets One to be taken daily, 4 tablet(s)			20 Dec 2006 Patel, Raina (Dr)
Repeat			
CB Buprenorphine 5 micrograms/hour transdermal patches 1 weekly, 2*2 patch(es)			14 Jul 2006 Longon, John (Dr)
<b>Withdrawn</b> Gaviscon Liquid Take 10-20ml after meals and at bedtime if needed, 500ml			14 Jul 2006 Longon, John (Dr)
Salbutamol 100micrograms.does breath actuated inhaler CFC free One puff twice an day, 1 inhaler(s)			14 Jul 2006 Longon, John (Dr)

External views

- Summary Care Record
- Graphnet Portal
- Docman Share Viewer
- Elemental SPx
- App Library
- GP Connect
- PDS Synchronisation failed

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Mouse, Mickey (Mr)

Born 01 Jan 1960 (62)

Gender Male

NHS No. Unknown

Usual GP Patel, Raina (Dr)

My record

+ All records

Drug / Dosage / Quantity

Acute

**Withdrawn** Amoxil 500mg capsules (GlaxoSmithKline UK Ltd) One to be taken three times a day, 21 capsules

Aspirin 75mg dispersible tablets

CB Fentanyl 25micrograms/hour

**Withdrawn** Influvac Sub-unit

**Withdrawn** Hegram 500mg tablets

Paracetamol 500mg tablets

Sildenafil 25mg tablets

One to be taken

Repeat

CB Buprenorphine 5 micrograms

**Withdrawn** Gaviscon Liquid Tablets

Salbutamol 100micrograms.d

Date stoppedReasonLast Issue Date / Authoriser

		10 May 2007	Patel, Raina (Dr)
		20 Dec 2006	Patel, Raina (Dr)
		20 Dec 2006	Patel, Raina (Dr)
		20 Dec 2006	Patel, Raina (Dr)
		04 Aug 2005	Patel, Raina (Dr)
5 July 2022	Expired	06 Jun 2022	Patel, Raina (Dr)
		20 Dec 2006	Patel, Raina (Dr)

14 Jul 2006	Longon, John (Dr)
14 Jul 2006	Longon, John (Dr)
14 Jul 2006	Longon, John (Dr)

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Add a drug

Name

Dosage

Quantity

 X 

Duration

 Day(s)

Rx Types

Acute

Authorising Clinician

NICHOLS, Dave (Dr)

Pack Details

Description	Price	Supplier

- Warnings
- Drug Information
- Current Medication
- Past Medication
- Allergies
- Problems
- Pharmacogenetics**

Pharmacogenetics	Date	Clinician
CYP2D6 intermediate metaboliser	07 Sep 2022 09:21:56	McDermott John (Mr)
CYP2C19 poor metaboliser	07 Sep 2022 09:21:56	McDermott John (Mr)

Add Another   Issue   Issue Late   Cancel

Add Drug

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Drug Info



Mouse, Mickey (Mr)

Born 01 Jan 1960 (62)

Gender Male

NHS No. Unknown

Usual GP Patel, Raina (Dr)

My record

+ All records

Drug / Dosage / Quantity

Date stopped

Reason

Last Issue Date / Authoriser

Acute

~~Withdrawn~~ Amoxil 500mg capsules (GlaxoSmithKline UK Ltd) One to be taken three times a day, 21 capsules

Aspirin 75mg dispersible tablets

CB Fentanyl 25micrograms/hour

~~Withdrawn~~ Influvac Sub-unit

~~Withdrawn~~ Hegram 500mg tablets

Paracetamol 500mg tablets

Sildenafil 25mg tablets

One to

Repeat

CB Buprenorphine 5 micrograms

~~Withdrawn~~ Gaviscon Liquid Tablets

Salbutamol 100micrograms.d

Add a drug

Name

Codeine 30mg tablets

Dosage

One or two to be takes every four hours when necessary. Maximum 8 in 24 hours

Quantity

28

X

Duration

4

Day(s)

Rx Types

Acute

Authorising Clinician

NICHOLS, Dave (Dr)

Pack Details

Description	Price	Supplier
28 tablets	£0.99	Drug Tariff England/Wales
28 tablets	£1.59	Teva UK Ltd
28 tablets	£1.62	Actives UK Ltd
100 tablets	£5.41	A A H Pharmaceuticals Ltd
100 tablets	£5.68	Teva UK Ltd
100 tablets	£4.16	Alliance Healthcare (Distribution)
100 tablets	£3.54	Drug Tariff England/Wales

Warnings

Drug Information

Current Medication

Past Medication

Allergies

Problems

Pharmacogenetics

Selected Drug Codeine 30mg tablets  
Schedule 5 (CD Inv)  
Contains Codeine Phosphate 30mg

High Severity Warnings (1)

Warning This patient is a poor metaboliser for CYP2D6, meaning that they have reduced morphine formation leading to diminished analgesia. Avoid codeine use because of possibility of diminished analgesia. Use a non-opioid or, if opioid use is warranted, consider oxycodone or hydrocodone.

Medium Severity Warnings (2)

Caution. Use Opioid Analgesics with caution in mental health disorders and other psychiatric illness. MHRA/CHM advise that there is an increased risk of drug dependence. Additional support may be necessary. Attention deficit disorder.

Add Another


Issue


Issue Late


Cancel


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Drug Info

Mouse, Mickey (Mr)

Born

01 Jan 1960 (62)

Gender

Male


NHS No.

Unknown

Usual GP

Patel, Raina (Dr)

My record


 All records

Drug / Dosage / Quantity	Date stopped	Reason	Last Issue Date / Authoriser
Acute			
<div><div>Withdrawn</div><div>Amoxil 500mg capsules (GlaxoSmithKline UK Ltd)</div><div>One to be taken three times a day, 21 capsules</div></div>			10 May 2007   Patel, Raina (Dr)
<div><div></div><div>Aspirin 75mg dispersible tablets</div><div>As directed, 1 tablet(s)</div></div>			20 Dec 2006   Patel, Raina (Dr)
<div><div>CB</div><div>Fentanyl 25micrograms/hour transdermal patches</div><div>As directed, 7 patches</div></div>			20 Dec 2006   Patel, Raina (Dr)
<div><div>Withdrawn</div><div>Influvac Sub-unit vaccine suspension for injection 0.5ml pre-filled syringes (Viartis UK Healthcare Ltd)</div><div>As directed, 1 pre-filled syringe(s)</div></div>			20 Dec 2006   Patel, Raina (Dr)
<div><div>Withdrawn</div><div>Hegram 500mg tablets (Sanofi)</div><div>As directed, 29 tablets</div></div>			04 Aug 2005   Patel, Raina (Dr)
<div><div></div><div>Paracetamol 500mg tablets</div><div>One to be taken every 4-6 hours up to four times a day, 50 tablet(s)</div></div>	5 July 2022	Expired	06 Jun 2022   Patel, Raina (Dr)
<div><div></div><div>Sildenafil 25mg tablets</div><div>One to be taken daily, 4 tablet(s)</div></div>			20 Dec 2006   Patel, Raina (Dr)

Repeat

<div><div>CB</div><div>Buprenorphine 5 micrograms</div></div>			14 Jul 2006   Longon, John (Dr)
<div><div>Withdrawn</div><div>Gaviscon Liquid Tablets</div></div>			14 Jul 2006   Longon, John (Dr)
<div><div></div><div>Salbutamol 100micrograms.d</div></div>			14 Jul 2006   Longon, John (Dr)

Pharmacogenetic warning









Warning

This patient is a poor metaboliser for CYP2D6, meaning that they have reduced morphine formation leading to diminished analgesia. Avoid codeine use because of possibility of diminished analgesia. Use a non-opioid or, if opioid use is warranted, consider oxycodone or hydrocodone.

Go back

Cancel

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PDS Synchronisation failed

Add Drug

Restart

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Link problems

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Drug Info

**Mouse, Mickey (Mr)**

Born **01 Jan 1960 (62)**

Gender **Male**

NHS No. **Unknown**

Usual GP **Patel, Raina (Dr)**

My record

All records

Drug / Dosage / Quantity	Date stopped	Reason	Last Issue Date / Authoriser
Acute			
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Aspirin 75mg dispersible tablets			20 Dec 2006 Patel, Raina (Dr)
CB Fentanyl 25micrograms/hourly transdermal patch			20 Dec 2006 Patel, Raina (Dr)
<b>Withdrawn</b> Influvac Sub-unit capsules			20 Dec 2006 Patel, Raina (Dr)
<b>Withdrawn</b> Hegram 500mg tablets			04 Aug 2005 Patel, Raina (Dr)
Paracetamol 500mg tablets			06 Jun 2022 Patel, Raina (Dr)
Sildenafil 25mg tablets One to be taken three times a day	5 July 2022	Expired	20 Dec 2006 Patel, Raina (Dr)
Repeat			
CB Buprenorphine 5 micrograms transdermal patch			14 Jul 2006 Longon, John (Dr)
<b>Withdrawn</b> Gaviscon Liquid Tablets			14 Jul 2006 Longon, John (Dr)
Salbutamol 100micrograms.dose inhaler			14 Jul 2006 Longon, John (Dr)

Add a drug

Name

Dosage

Quantity

X

Rx Types

Acute

Authorising Clinician

NICHOLS, Dave (Dr)

Pack Details

Description	Price	Supplier

Warnings

Drug Information

Current Medication

Past Medication

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Pharmacogenetics

Pharmacogenetics

	Date	Clinician
CYP2D6 intermediate metaboliser	07 Sep 2022 09:21:56	McDermott John (Mr)
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Add Another

Issue

Issue Late

Cancel



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Gender **Male**

NHS No. **Unknown**

Usual GP **Patel, Raina (Dr)**

My record

All records

Drug / Dosage / Quantity	Date stopped	Reason	Last Issue Date / Authoriser
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Repeat			
CB Buprenorphine 5 micrograms transdermal patch			14 Jul 2006 Longon, John (Dr)
<b>Withdrawn</b> Gaviscon Liquid Tablets			14 Jul 2006 Longon, John (Dr)
Salbutamol 100micrograms.d			14 Jul 2006 Longon, John (Dr)

Add a drug

Name

Paracetamol 500mg tablet

Dosage

One or two to be takes every four hours when necessary. Maximum 8 in 24 hours

Quantity

28

 X

Rx Types

Acute

Duration

4

 Day(s)

Authorising Clinician

NICHOLS, Dave (Dr)

Pack Details

Description	Price	Supplier
28 tablets	£0.99	Drug Tariff England/Wales
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28 tablets	£1.62	Actives UK Ltd
100 tablets	£5.41	A A H Pharmaceuticals Ltd
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Add Another

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Issue Late

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<div><div>Withdrawn</div><div>Influvac Sub-unit vaccine suspension for injection 0.5ml pre-filled syringes (Viatris UK Healthcare Ltd)</div><div>As directed, 1 pre-filled syringe(s)</div></div>			20 Dec 2006   Patel, Raina (Dr)
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<div><div></div><div>Paracetamol 500mg tablets</div><div>One to be taken every 4-6 hours up to four times a day, 50 tablet(s)</div></div>	5 July 2022	Expired	06 Jun 2022   Patel, Raina (Dr)
<div><div></div><div>Sildenafil 25mg tablets</div><div>One to be taken daily, 4 tablet(s)</div></div>			20 Dec 2006   Patel, Raina (Dr)

Repeat

<div><div>CB</div><div>Buprenorphine 5 micrograms</div><div></div></div>			14 Jul 2006   Longon, John (Dr)
<div><div>Withdrawn</div><div>Gaviscon Liquid Tablets</div><div></div></div>			14 Jul 2006   Longon, John (Dr)
<div><div></div><div>Salbutamol 100micrograms.d</div><div></div></div>			14 Jul 2006   Longon, John (Dr)

Prescription issued



The prescription has been issued.

OK

Cancel

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