

## Guidance on Anticholinergic Burden Structured Medication Reviews using Eclipse Live

### Purpose

This document is a guide to orientate Eclipse Live users to the functionality within Eclipse Live that will aid in identification, stratification and review of patients' anticholinergic burden.

### Introduction

Anticholinergic medicines are prescribed for a wide range of conditions, including Parkinson's Disease, overactive bladder, chronic obstructive pulmonary disease, nausea and vomiting, depression and psychosis. Combining medicines with anticholinergic activity might have cumulative harmful effects when given to a person with more than one clinical condition. This potential for harm increases with frailty and age. Reducing the anticholinergic burden may result in improvements in short term memory, confusion, behaviour and delirium.

Anticholinergic burden (ACB) is the cumulative effect on an individual of taking one or more medicines with anticholinergic activity.

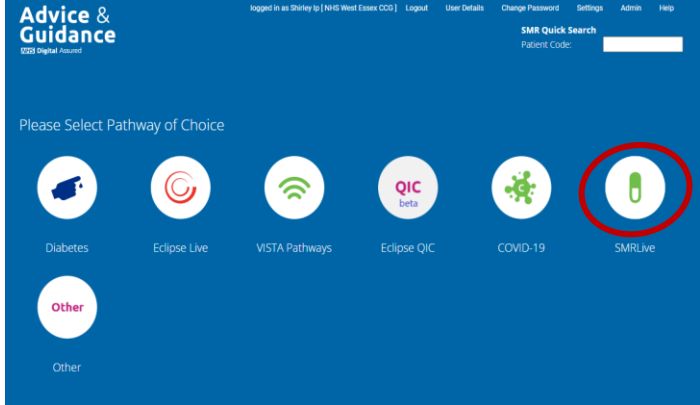
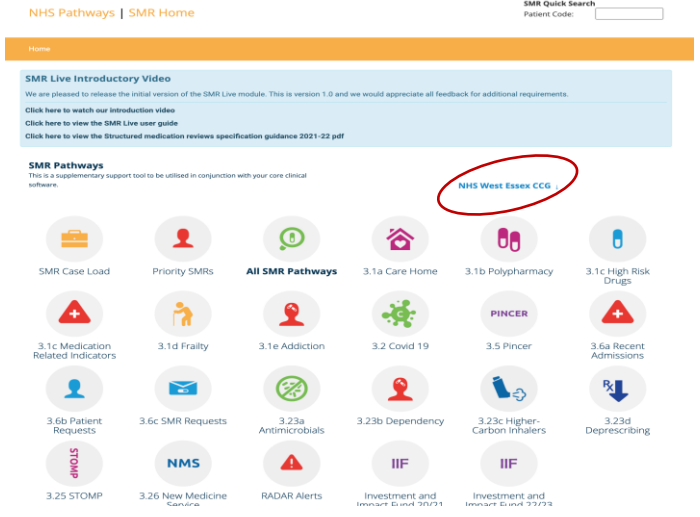
An increasing number of systematic reviews and meta-analyses report that medicines with anticholinergic effects are associated with an increased risk of cognitive impairment, falls and all-cause mortality in older people.

[Eclipse Live](#) can be used to effectively identify and stratify patients to aid in Structured Medication Reviews to reduce anticholinergic burden.

Eclipse Live does not use a particular ACB scale but has amalgamated scores from various sources and has set the scoring themselves. There are continuing discussions around ACB scales within Eclipse Live as there is no anticholinergic scale in use that is acknowledged as "gold standard". Despite this, the use of Eclipse Live is a useful tool in managing and reducing high anticholinergic burden in patients.

## Table of Contents

Section 1: SMR Live Homepage .....	3
Section 2: SMR Homepage View.....	3
Section 3: Selecting your view (GP practice / PCN / CCG) .....	4
Section 4: Viewing prescribing pathways: Anticholinergic Burden $\geq 4$ .....	4
Section 5: Viewing the numbers of patients within your prescribing pathway.....	5
Section 6: Safety alerts.....	5
Section 7: Viewing priority patients.....	6
Section 8: Viewing, sorting and exporting a table of patients.....	6
Section 9: Viewing individual patient SMURF (Structured Medicines Use Review and Follow up) records .....	7
Section 10: Use of patient codes to access SMURFs .....	8
Section 11: Checking that your record is up to date.....	8
Section 12: Viewing Structured Medication Review view .....	9
Section 13: Viewing a patient's medication list .....	10
Section 14: Viewing drop down menus within the medication list to show related monitoring parameters.....	10
Section 15: Viewing Hospital Activity Overview, Baseline monitoring results and Clinical Condition Overview .....	11
Section 16: Falls information under Frailty view .....	12
Section 17: Viewing previous recorded falls.....	12

<p>1</p>	<h3>SMR Live Homepage</h3> <p>Once logged in to Eclipse Live, users should select the SMR Live icon.</p> 
<p>2</p>	<h3>SMR Homepage View</h3> <p>Users will be taken to the SMR Live Home page</p>  <p>Users should note that the current view refers to a CCG/place. When users access information at this level they can view summary level data for the entire place. (Please note that since Herts &amp; West Essex CCGs have merged to form an Integrated Care Board, this description is likely to change in the near future).</p> <p>With this view, patients are pseudonymised using a system-created patient code.</p> <p>For EMIS, Vision and Microtest – This patient code is the same patient reference as found in the clinical system. For SystemOne - This is an encrypted system-created number that cross references to the NHS number (found on the Patlist).</p> <p>GP practice level access will allow users to view patient identifiable data (see Section 3).</p>

### 3 Selecting your view (GP practice / PCN / CCG)

By clicking on the drop-down menu, results can be filtered to PCN level data or individual GP practice level data.

**SMR Pathways**  
This is a supplementary support tool to be utilised in conjunction with your core clinical software.

SMR Case Load    Priority SMRs    **All SMR Pathways**    3.1a Care Home    Drugs Risk

PINCER

For users with GP practice level access, profiles will allow patient identification.

### 4 Viewing prescribing pathways: Anticholinergic Burden $\geq 4$

After choosing your PCN or practice, scroll down to view the Prescribing Pathways - this includes **Anticholinergic Burden  $\geq 4$** .

3.6b Patient Requests	3.6c SMR Requests	3.23a Antimicrobials	3.23b Dependency	3.23c Higher-Carbon Inhalers	3.23d Deprescribing
3.25 STOMP	3.26 New Medicine Service	RADAR Alerts	Investment and Impact Fund 20/21	Investment and Impact Fund 22/23	

Prescribing Pathway	Prevalence	Alerts	Patient Engagement	Rating	
Warfarin	892 0.3%	5 / 0 73 / 0	0.0% 0/892	-	View
Antiplatelet	7,119 2.5%	60 / 3 193 / 4	0.0% 0/7,119	-	View
DOACs	4,266 1.5%	61 / 3 154 / 1	0.0% 0/4,266	-	View
NSAIDs	3,069 1.1%	5 / 0 62 / 3	0.0% 0/3,069	-	View
DMARDs	1,042 0.4%	7 / 0 57 / 1	0.0% 0/1,042	-	View
Anticholinergic Score $\geq 4$	4,339 1.5%	21 / 2 122 / 0	0.0% 0/4,339	-	View
Polypharmacy (>10 Meds)	4,581 1.6%	64 / 2 226 / 1	0.0% 0/4,581	-	View

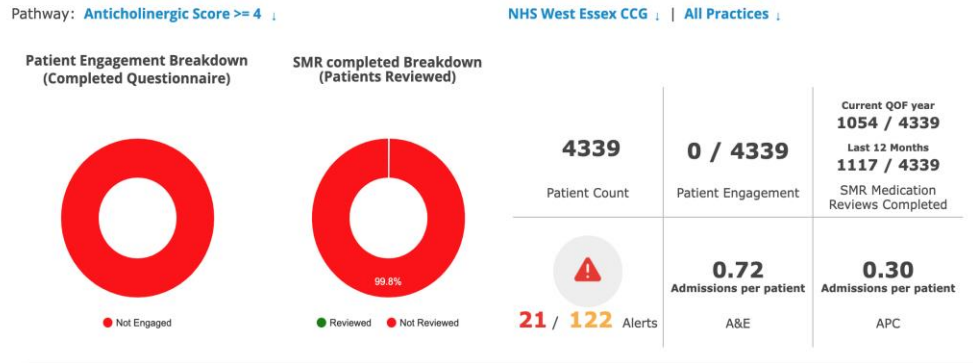


You can see from the above place-based view that there are 4,339 patients with an ACB score  $\geq 4$ . 21 of these patients have one or more Red Alerts, and 122 of these have an Amber Alert.

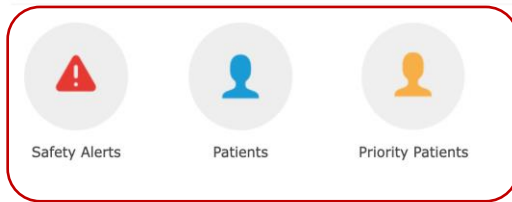
5

## Viewing the numbers of patients within your prescribing pathway

Pressing “View” takes users to the following screen where the list of patients with  $ACB \geq 4$  that can be further stratified by selecting Red: Safety Alerts, Blue: Patients or Yellow: Priority Patients.



### Comparison Charts [Feb 23]



6

## Safety alerts

Users can choose to view patients scoring  $ACB \geq 4$  with Safety Alerts. These safety alerts are **not** necessarily related to the anticholinergic medicines, as can be seen below:

### Admission Avoidance Alerts

Level	Type	Search	Total Patients	Reviewed
Red	Admissions Avoidance <small>(Radar 2016)</small>	<b>Angiotensin: Caution: ACE or ARB detected and hyponatremia (serum sodium &lt;125 mEq/L)</b> Patient appears to be on either a ACE or ARB with hyponatraemia. 1. Please validate that the patient's latest blood screen shows significant hyponatraemia (<125) and that they are still taking their ACE or ARB (Azilsartan, Candesartan, Irbesartan, Losartan, Valsartan, Olmesartan, Captopril, Perindopril, Ramipril, Lisinopril, Enalapril, Trandolapril). 2. Please look to see if the patient has had a clinical review and been assessed for their low sodium levels. 3. Please ensure that the patient has a follow up to have their sodium blood tests retested (U&Es).  <a href="https://www.sps.nhs.uk/home/guidance/drug-monitoring/">https://www.sps.nhs.uk/home/guidance/drug-monitoring/</a>	1	0
Red	Admissions Avoidance <small>(Radar 2016)</small>	<b>Angiotensin: Caution: ACE or ARB detected with severe renal impairment (Creatinine &gt; 310) and heart failure</b> Patient with heart failure appears to be on an ACE or ARB with a serum creatinine greater than 310 micromol/L. NICE advises stopping the inhibitor and seek specialist advice. 1. Please validate that the patient's latest blood screen shows renal failure and that they are still taking their ACE or ARB (Azilsartan, Candesartan, Irbesartan, Losartan, Valsartan, Olmesartan, Captopril, Perindopril, Ramipril, Lisinopril, Enalapril, Trandolapril). 2. Please look to see if the patient has had a clinical review and been assessed for their renal failure. 3. Please ensure that the patient has a follow up to have their blood tests retested.  <a href="https://cks.nice.org.uk/topics/heart-failure-chronic/prescribing-information/managing-ace-inhibitors/">https://cks.nice.org.uk/topics/heart-failure-chronic/prescribing-information/managing-ace-inhibitors/</a>	3	0
Red	Admissions Avoidance <small>(Radar 2016)</small>	<b>Angiotensin: Caution: ACE or ARB detected, heart failure and hyperkalaemia (Potassium &gt;6.0 mmo/L)</b> Patient appears to have hyperkalaemia, with heart failure and is on an ACE or ARB which can exacerbate hyperkalaemia. 1. Please validate that the patient's latest blood screen shows hyperkalaemia and that they are still taking their ACE or ARB		

7

### Viewing priority patients

Clicking on the Yellow: Priority Patients icon takes users to a menu where patients can be further stratified – for instance, patients can be further stratified to those with Moderate/Severe Frailty with ACB ≥4 - there are 1,030 shown here.

Home

NHS West Essex CCG

Anticholinergic Score >= 4

Filters: None

	Total Patients (Anticholinergic Score >= 4)	Total Patients in cohort	% Patients in cohort	Core20PLUS5
Moderate / Severe Frailty	4337	1030	23.75%	View
Patients with morbid obesity (BMI>=40 or diabetes and BMI>=35)	4337	462	10.65%	View
Current Smokers	4337	898	20.71%	View
High Alcohol intake, >= 49 units per week	4337	35	0.81%	View
Haemoglobin < 11	4337	236	5.44%	View
Hyponatremia (<131)	4337	49	1.13%	View
Polypharmacy (>10 meds)	4337	1269	29.26%	View
Patients with SMR Risk Score between 10 and 25	4337	2121	48.9%	View
Patients with SMR Risk Score > 25	4337	314	7.24%	View
Patient in 3 SMR pathways	4337	890	20.52%	View
Patient in 4 SMR pathways	4337	568	13.1%	View
Patient in 5 or more SMR pathways	4337	712	16.42%	View

Clicking on **View** will take users to a table of individual patients within your chosen cohort.

8

### Viewing, sorting and exporting a table of patients

Clicking on the Blue: Patients icon takes users directly to the table of individual patients.

SMR: Patients with an Anticholinergic Score >= 4

Please be aware this page may take a long time to load.

NHS West Essex CCG

Care home Patients:

Core20PLUS5

Export Selected Rows to XLS | Export All Rows to XLS

Smurf Review	Surgery	Ref	Age	Drugs	M/F	Red Alerts	Amber Alerts	SMR Medication Review Complete	SMR Action Plan	SMR Total Points	SMR Pathway Count	Pathway Review	Pathway Action Plan	Deprivation Decile	Last Medication Review	Last Flu Vaccination	eFI	ACB	GI Billed Score
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	85	8	F	0	0	22/11/2022		16	5	×			22/11/2022	12/10/2022	0.278	5.0	3.0
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	43	5	F	0	0	×		4	2	×		27/01/2022	28/11/2016	×	4.0		
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	76	9	M	0	0	×		12	2	×		11/08/2022	×	0.306	5.0	1.6	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	71	6	F	0	0	15/06/2022		4	2	×		15/06/2022	×	0.250	4.0	1.6	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	88	7	F	0	0	×		28	7	×		09/12/2021	26/10/2021	×	0.361	7.0	2.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	63	19	F	0	0	×		33	6	×		19/12/2019	04/12/2020	×	12.0	6.6	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	76	14	F	0	0	×		17	3	×		27/07/2022	05/11/2022	0.278	6.0	6.1	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	72	12	M	0	0	×		11	2	×		03/03/2022	06/11/2021	×	0.194	4.0	2.5
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	62	23	M	0	0	14/11/2022		34	8	×		14/11/2022	×	×	6.0	7.9	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	52	5	M	0	0	×		5	1	×		×	×	×	5.0	2.1	

There is an option to include or exclude Care Home Patients within the search.

The results can be filtered by any of the headers of the table to enable sorting of the records – for instance, sorting with highest ACB scores first:

SMR: Patients with an Anticholinergic Score >= 4 NHS West Essex CCG

Please be aware this page may take a long time to load.

Care home Patients:

Filters: None Core20PLUS

Smurf Review	Surgery	Ref	Age	Drugs	M/F	Red Alerts	Amber Alerts	SMR Medication Review Complete	SMR Action Plan	SMR Total Points	SMR Pathway Count	Pathway Review	Pathway Action Plan	Deprivation Decile	Last Medication Review	Last Flu Vaccination	eFI	ACB	GI Bleed Score
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	59	17 F	0	0	0	01/12/2022		51	9	⊗			01/12/2022	13/10/2022		17.0	5.8
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	32	40 F	0	0	0	✗		42	9	⊗			01/09/2021	25/11/2022		17.0	8.7
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	59	16 M	0	0	0	✗		34	5	⊗			18/05/2022	27/09/2022		16.0	2.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	71	12 F	0	1	0	03/02/2022		32	6	⊗			03/02/2022	26/09/2022	0.056	16.0	3.6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	44	9 F	0	0	0	10/06/2021		21	3	⊗			10/06/2021	08/11/2022		15.0	6.3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	69	21 M	0	0	0	19/11/2021		39	7	⊗			16/06/2022	29/09/2022	0.139	15.0	5.8
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	62	15 F	0	0	0	✗		29	5	⊗			07/04/2021			15.0	2.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	44	15 F	0	0	0	✗		33	5	⊗			02/04/2019			14.0	5.6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	36	18 F	0	0	0	✓		39	6	⊗			✓	✓		14.0	2.1

Any search can be saved to Excel by using the “Export Selected Rows to XLS” or “Export All Rows to XLS” buttons located at the top right.

Please note that the more data being pulled, the longer the report takes to compile, so it is wise to try to narrow down searches as much as possible before running any reports.

9

### Viewing individual patient SMURF (Structured Medicines Use Review and Follow up) records

To see individual patient records or SMURFs (Structured Medicines Use Review and Follow up), click on the magnifying glass icon to the left of the record. This will take users to the patient SMURF Anticholinergic Score Review view.

SMR: Patients with an Anticholinergic Score >= 4 NHS West Essex CCG

Please be aware this page may take a long time to load.

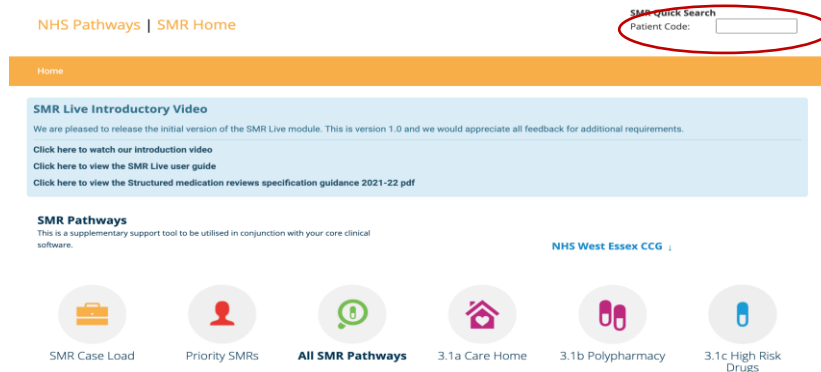
Care home Patients:

Filters: None Core20PLUS

Smurf Review	Surgery	Ref	Age	Drugs	M/F	Red Alerts	Amber Alerts	SMR Medication Review Complete	SMR Action Plan	SMR Total Points	SMR Pathway Count	Pathway Review	Pathway Action Plan	Deprivation Decile	Last Medication Review	Last Flu Vaccination	eFI	ACB	GI Bleed Score
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	59	17 F	0	0	0	01/12/2022		51	9	⊗			01/12/2022	13/10/2022		17.0	5.8
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	32	40 F	0	0	0	✗		42	9	⊗			01/09/2021	25/11/2022		17.0	8.7
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	59	16 M	0	0	0	✗		34	5	⊗			18/05/2022	27/09/2022		16.0	2.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	71	12 F	0	1	0	03/02/2022		32	6	⊗			03/02/2022	26/09/2022	0.056	16.0	3.6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	44	9 F	0	0	0	10/06/2021		21	3	⊗			10/06/2021	08/11/2022		15.0	6.3
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	69	21 M	0	0	0	19/11/2021		39	7	⊗			16/06/2022	29/09/2022	0.139	15.0	5.8
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	62	15 F	0	0	0	✗		29	5	⊗			07/04/2021			15.0	2.1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	44	15 F	0	0	0	✗		33	5	⊗			02/04/2019			14.0	5.6
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	36	18 F	0	0	0	✓		39	6	⊗			✓	✓		14.0	2.1

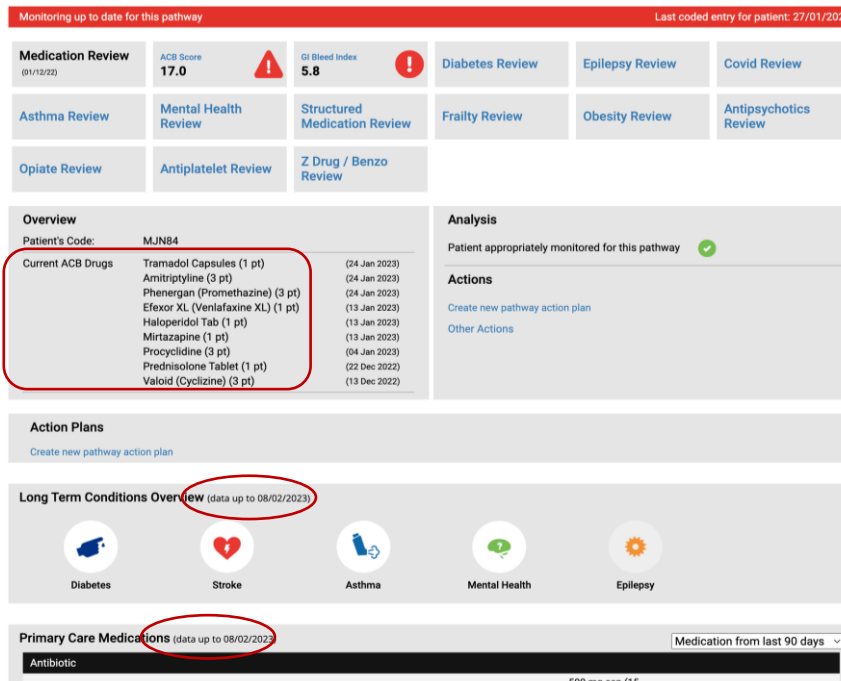
10 Use of patient codes to access SMURFs

A patient record can be viewed at any point in the future by entering the patient code in the top right-hand box of the SMR Home page



11 Checking that your record is up to date

When viewing a SMURF, always check the last coded entry for the patient to ensure that this date is not several months in the past – if this is the case then it may indicate that the data that has been pulled from the GP system is not up to date.



You can see that the above view details which medicines the patient is on that are high scoring ACB medicines. At the top, users can only really see 2 patient parameters: ACB score, and GI bleed index.



To see a more complete list of the patient parameters, it is highly recommended to click on the Structured Medication Review tab.

Monitoring up to date for this pathway Last coded entry for patient: 27/01/2023

<b>Medication Review</b> (01/12/22)	ACB Score <b>17.0</b>	GI Bleed Index <b>5.8</b>	Diabetes Review	Epilepsy Review	Covid Review
Asthma Review	Mental Health Review	<b>Structured Medication Review</b>	Frailty Review	Obesity Review	Antipsychotics Review
Opiate Review	Antiplatelet Review	Z Drug / Benzo Review			

**Overview**  
Patient's Code: MJN84

**Current ACB Drugs**

Tramadol Capsules (1 pt)	(24 Jan 2023)
Amitriptyline (3 pt)	(24 Jan 2023)
Phenergan (Promethazine) (3 pt)	(24 Jan 2023)
Efexor XL (Venlafaxine XL) (1 pt)	(13 Jan 2023)
Haloperidol Tab (1 pt)	(13 Jan 2023)
Mirtazapine (1 pt)	(13 Jan 2023)
Procyclidine (3 pt)	(04 Jan 2023)
Prednisolone Tablet (1 pt)	(22 Dec 2022)
Valoid (Cyclizine) (3 pt)	(13 Dec 2022)

**Analysis**  
Patient appropriately monitored for this pathway

**Actions**  
Create new pathway action plan  
Other Actions

**Action Plans**  
Create new pathway action plan

**Long Term Conditions Overview** (data up to 08/02/2023)

Diabetes, Stroke, Asthma, Mental Health, Epilepsy

**Primary Care Medications** (data up to 08/02/2023) Medication from last 90 days

Antibiotic 500 mg cap (15)

12

## Viewing Structured Medication Review view

The Structured Medication Review view contains more complete information about a patient.

Monitoring up to date for this pathway Last coded entry for patient: 27/01/2023

SMR Risk Score <b>47</b>	Haemoglobin <b>13.6g/dl</b> (07/09/22)	eGFR <b>60</b> (07/09/22)	ALT (GP) <b>17</b> (07/09/22)	Blood Pressure (GP) <b>116/78mmHg</b> (25/01/23)	Cholesterol (GP) <b>4.0mmol/L</b> (07/09/22)
ACB Score <b>13.0</b>	Weight (GP) <b>101kg</b> (25/01/23)	BMI <b>40kg/m2</b> (25/01/23)	Potassium <b>5.1mmol/L</b> (07/09/22)	GI Bleed Index <b>1.7</b>	HbA1c (GP) <b>49mmol/mol</b> (07/09/22)
Current Smoker (06/09/22)	Serum Sodium <b>140mmol/L</b> (07/09/22)	Medication Review (01/12/22)	Flu Jab (13/10/22)	Estimated QRISK3 Score (%)	Red Alerts <b>0</b>
Amber Alerts <b>0</b>	Diabetes Review	Epilepsy Review	Covid Review	Asthma Review	Mental Health Review
Frailty Review	Obesity Review	Antipsychotics Review	Opiate Review	Antiplatelet Review	Z Drug / Benzo Review

Users can see from this Structured Medication Review view that more of the patient parameters can be seen at a glance. This can be viewed alongside the Anticholinergic Burden view to get a fuller clinical picture of the patient.

Clicking on most of these boxes will open another tab which may contain further in-depth data pertaining to the parameter that has been selected.

13 Viewing a patient's medication list

Scroll down the page and to see the list of the patient's medicines. Always check that the data is up to date – for this record, data up to 08/02/2023 has been pulled.

Primary Care Medications (data up to 08/02/2023)		Medication from last 90 days
<b>Antibiotic</b>		
22-Dec-22	Amoxicillin Cap (Amoxycillin)	500 mg cap (15 capsule) <span style="color: green;">●</span>
<b>Anti-Depressants</b>		
13-Jan-23	Mirtazapine	15 mg tab (28 tablet) <span style="color: green;">●</span>
<b>Antihistamine</b>		
24-Jan-23	Promethazine (Phenergan)	25 mg tab (28 tablet) <span style="color: green;">●</span>
<b>Anti-Neuropathics</b>		
24-Jan-23	Amitriptyline	10 mg tab (84 tablet) <span style="color: green;">●</span>
13-Jan-23	Clonazepam (Rivotril)	0.5 mg tab (14 tablet) <span style="color: blue;">●</span>
13-Jan-23	Sodium Valproate M/R (Epilem Chrono)	500 mg tab MR (90 tablet) <span style="color: blue;">●</span>
<b>Blood Pressure Control</b>		
13-Jan-23	Bumetanide	1 mg tab (28 tablet) <span style="color: green;">●</span>
<b>Blood Sugar Control</b>		
13-Jan-23	Metformin	500 mg tab (112 tablet) <span style="color: green;">●</span>
<b>Blood Thinning</b>		
13-Jan-23	Clopidogrel tablet	75 mg tab (28 tablet) <span style="color: blue;">●</span>
<b>Cholesterol Control</b>		
13-Jan-23	Atorvastatin	40 mg tab (28 tablet) <span style="color: green;">●</span>
<b>Nutritional Supplements</b>		
13-Jan-23	Ferrous Fumarate (Fersamal)	210 mg tab (84 tablet) <span style="color: blue;">●</span>
<b>Opioid Analgesics</b>		

14 Viewing drop down menus within the medication list to show related monitoring parameters

Clicking on the arrow on the right of the record of each medicine will reveal a drop-down section which tells users more information about when the medicine was issued and links the medicine to its major monitoring parameters (where available).

**Antihistamine**

24-Jan-23 Promethazine (Phenergan) 25 mg tab (28 tablet) ● ^

**Previous Issues**  
05/01/2023  
15/11/2022  
17/10/2022  
30/09/2022  
13/09/2022  
03/03/2021  
29/01/2021  
29/07/2020  
Start date  
29/07/2020

**Dosage Instructions:** 1-2 at bed time, when required  
**Patient drug alerts:** No alerts found.  
**Compliance:** Please check the patients compliance of this drug.

---

**Anti-Neuropathics**

24-Jan-23 Amitriptyline 10 mg tab (84 tablet) ● ^

**Previous Issues**  
04/01/2023  
13/12/2022  
14/11/2022  
14/10/2022  
23/09/2022  
23/08/2022  
15/08/2022  
28/07/2022  
12/07/2022  
Start date  
28/06/2021

**Dosage Instructions:** 2-3 before bed  
**Patient drug alerts:** No alerts found.  
**Compliance:** No compliance issues detected.

**Total Cholesterol**

4 on 07/09/2022

**HbA1c**

50 on 07/09/2022

**Weight (Kg)**

101 on 25/01/2023

**Blood Pressure**

116/78 on 25/01/2023

15

## Viewing Hospital Activity Overview, Baseline monitoring results and Clinical Condition Overview

Depending on which place the user is based in, scrolling further down may show additional Hospital Activity Overview (if the information is available in that place), baseline monitoring results and Clinical Condition Overview.

**Activity Overview** (data up to 01/12/2022)

	06-Dec-2022 THE PRINCESS ALEXANDRA HOSPITAL NHS TRUST	Out Patient <b>Neurology</b>	⊕
	28-Nov to 29-Nov-2022 PRINCESS ALEXANDRA HOSPITAL	Accident & Emergency <b>Unknown</b>	⊕
	18-Nov-2022 PRINCESS ALEXANDRA HOSPITAL	Accident & Emergency <b>Unknown</b>	⊕
	15-Aug-2022 PRINCESS ALEXANDRA HOSPITAL	Accident & Emergency <b>Unknown</b>	⊕
	20-Jul-2022	Accident & Emergency	⊕

**Results** Enter Baseline Opt

<b>HEART RATE</b> 78 bpm <small>(22/12/2022)</small>	<b>WEIGHT</b> 101.0 kg <small>(15/01/2023)</small>	<b>BLOOD PRESSURE</b> 116/78 mmHg <small>(15/01/2023)</small>	<b>HAEMOGLOBIN</b> 13.6 g/dl <small>(07/09/2022)</small>	<b>HBA1C</b> 50 mmol/mol <small>(07/09/2022)</small>	<b>EGRF</b> 60 <small>(07/09/2022)</small>	<b>PULSE OXIMETRY</b> 98.00 % <small>(22/12/2022)</small>	<b>BLOOD SUGAR</b> 6.8 mmol/L <small>(27/04/2017)</small>

**ALT**  
Latest: 17 (07/09/2022)

**Bilirubin**  
Latest: 5 (07/09/2022)

**Serum Albumin (g/L)**  
Latest: 43 (07/09/2022)

**Creatinine**  
Latest: 70 (07/09/2022)

**eGFR**  
Latest: 60 (07/09/2022)

**Blood Pressure (mmHg)**  
Latest: 116/78 (25/01/2023)

**Clinical Conditions Overview** (does not include sensitive codes; ref ISB 1572)

**Cancer**

01 Oct 13	BB65.	[M]Hidrocystoma
01 Apr 10	B768.	Melanocytic naevi of skin

**Circulatory**

18 Dec 20	G86..	Noninfective lymphatic disorders
18 Dec 20	G8611	Acquired (chronic) lymphoedema
20 May 19	G...	Circulatory system diseases
27 Mar 19	G64..	Cerebral arterial occlusion
25 Mar 19	G66..	Stroke and cerebrovascular accident unspecified
04 May 17	G83..	Varicose veins of the legs
21 Dec 14	G801D	Deep vein thrombosis of lower limb
07 Apr 64	G65..	Transient cerebral ischaemia

**Conjenital**

00 Mar 17	0Kv1	Laurence-Moon-Biedl syndrome
-----------	------	------------------------------

11

16 Falls information under Frailty view

When reviewing anticholinergic burden, falls information should also be reviewed, as a high anticholinergic burden can result in CNS effects which can cause falls. To see falls information, users will need to access the Frailty Review, which can be found at the top of the page

Monitoring up to date for this pathway Last coded entry for patient: 27/01/2023

Medication Review <small>(01/12/22)</small>	ACB Score <b>17.0</b>	GI Bleed Index <b>5.8</b>	Diabetes Review	Epilepsy Review	Covid Review
Asthma Review	Mental Health Review	Structured Medication Review	<b>Frailty Review</b>	Obesity Review	Antipsychotics Review
Opiate Review	Antiplatelet Review	Z Drug / Benzo Review			

**Overview**

Patient's Code: MJN84

Current ACB Drugs

Tramadol Capsules (1 pt)	(24 Jan 2023)
Amisulpride (3 pt)	(24 Jan 2023)
Phenergan (Promethazine) (3 pt)	(24 Jan 2023)
Efexor XL (Venlafaxine XL) (1 pt)	(13 Jan 2023)
Haloperidol Tab (1 pt)	(13 Jan 2023)
Mirtazapine (1 pt)	(13 Jan 2023)
Procyclidine (3 pt)	(04 Jan 2023)
Prednisolone Tablet (1 pt)	(22 Dec 2022)
Valoid (Cyclizine) (3 pt)	(13 Dec 2022)

**Analysis**

Patient appropriately monitored for this pathway

**Actions**

[Create new pathway action plan](#)

Other Actions

17 Viewing previous recorded falls

The Frailty Review will open in a new window. If there have been previous recorded falls, then these will be detailed in the Falls History:

**Frailty Review**  
59-year-old, [redacted] SURGERY [Feedback](#) [Notes](#)

Monitoring up to date for this pathway Last coded entry for patient: 27/01/2023

Mild Frailty <small>(06/09/22)</small>	DNAR	Preferred place of Death	Preferred place of Care	EOL Care Plan	Weight (GP) <b>101kg</b> <small>(25/01/23)</small>
Blood Pressure (GP) <b>116/78mmHg</b> <small>(25/01/23)</small>	Medication Review <small>(01/12/22)</small>	Current Smoker <small>(06/09/22)</small>	Pulse Oximetry <b>98.00%</b> <small>(22/12/22)</small>	Respiratory Rate -	Last Falls Assessment
Diabetes	Diabetes Review	Epilepsy Review	Covid Review	Asthma Review	Mental Health Review
Structured Medication Review	Obesity Review	Antipsychotics Review	Opiate Review	Antiplatelet Review	Z Drug / Benzo Review

**Overview**

Patient's Code: MJN84

Falls History:

Falls	(18 Apr 2019)
Falls	(24 Jan 2018)
Fall on same level from slipping	(10 Dec 2017)

**Analysis**

Patient appropriately monitored for this pathway

**Actions**

Patient needs to have their resuscitation status recorded

[Create new pathway action plan](#)

Other Actions

Eclipse Live should always be used in conjunction with the primary GP system for further in-depth clinical patient information.

**References:**

[Eclipse Live SMR Live User Guide](#)

[Prescripp factsheet on Anticholinergic Drugs](#)

[NICE guideline \[NG97\] Dementia](#)

[Scottish Government Polypharmacy Model of Care Group. Polypharmacy Guidance, Realistic Prescribing 3rd Edition, 2018. Scottish Government.](#)

Version	1.1 October 2023
Change	Removal of reference to expired Herts Valley CCG document
Developed by	Shirley Ip Lead Frailty Pharmacist, Hertfordshire and West Essex ICB
Date ratified	July 2023 HWE ICS Medicines Optimisation Delivery and Implementation Group (MODIG)
Review date and file path	July 2026