

Audit+ Atrial Fibrillation Module (beta V2.1) quick start guide – To Review Therapy

Save A Stroke Campaign
2016 Quality
Improvement
Collaborative
Cardiff & Vale UHB &
Public Health Wales




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Introduction

The aim of this guide is to help direct you to the parts of the Audit+ module that will help identify atrial fibrillation (AF) patients for an anticoagulation review using the status, patient list and code summary reports. This guide is intended for use with the beta version 2.1 of the module and will be updated as the module develops

Open Audit+ via the Informatica Icon, log in and open the AF 2016(Beta V2.1)



Note the range of module Icons on the practice system will be different to those pictured, but there will be one named 1000lives AF2016 (Beta V2.1)

The status screen

This provides the section headings and has toggles to the side of each. Click a toggle to expand the section, revealing the measures within.

Analysis	Result	Audit	Patient	Output	
AF 1000 lives 2016(Beta V2.1) Status (run on 25 Jul 2016 at					
Status	Targets	Trends	Reports	Headline1:New AF Patients (diagnosed last 12 months)	Headline2:All AF patients(ever)
Description			Patients	Actual %	
AF 1000 lives 2016(Beta V2.1)			11887		
Headline1:New AF Patients (diagnosed last 12 months)			5	0.0%	
Headline2:All AF patients(ever)			59	0.5%	
Headline3:Ongoing Management			59	0.5%	
Review Actions - Antiplatelet Monotherapy			7	0.1%	
Review Actions Treatments			59	0.5%	
Review Actions - New AF: Stroke & Anticoag asses			5	0.0%	
Review Actions - All AF stroke risk & A/C assesment			59	0.5%	
Review Actions - Ongoing Management (Care bundle 3)			59	0.5%	
AF Therapy with Stroke Risk			0	0.0%	
Tidyup			59	0.5%	
CHA2DS2-VASc Calculations			59	0.5%	
Age-Sex Prevalence			11887	100.0%	

To review all the drug therapy click "Headline2" to reveal the numbers of patients on

- anti-platelet mono and
- no treatment measures

#06 and #07/#08 respectively

AF 1000 lives 2016(Beta V2.1)	11887	
Headline1:New AF Patients (diagnosed last 12 months)	5	
Headline2:All AF patients(ever)	59	
H'dline05: Stroke Risk assessed (Last 12M)	0/51	0.0%
H'dline06: Antiplatelet Mono	7/51	13.7%
H'dline07: No treatment @ risk of stroke	0/44	0.0%
H'dline08: No Treatment No CHA2DS2_VASC	44/44	100.0%

In the example above of all the AF patients(ever) (59) 7 are on anti-platelet Mono therapy (note the denominator is 51 for this measure as we have excluded those on anticoagulation 8 patients). For no treatment there are 44 patients. These will include those who have not been assessed for stroke (#08), and those who have been assessed to have a stroke risk(#07). The remainder are assessed but their score is below the risk threshold.

The Patient list Tab and Patient check report

By clicking on the section head containing the measure you are interested in, a list of patients will appear appropriate to that section. Eg, All AF patients for Headline 2. Click on a patient you wish to review.

AF 1000 lives 2016(Beta V2.1)	11887	
Headline1:New AF Patients (diagnosed last 12 months)	5	
Headline2:All AF patients(ever)	59	
H'dline05: Stroke Risk assessed (Last 12M)	0/51	0.0%
H'dline06: Antiplatelet Mono	7/51	13.7%
H'dline07: No treatment @ risk of stroke	0/44	0.0%
H'dline08: No Treatment No CHA2DS2_VASC	44/44	100.0%

The list can be sorted by each of the measures by clicking on the column head for the measure. Note that above this are tabs for each section header.

Click on a patient you wish to review

Click F10 to reveal a summary of the patient's clinical record (See next page) in relation to the criteria of the module.

(Note F6 takes you to the clinical system & F7 will export this list to excel)

From F10 the patient check report shows a summary of the read coding for the patient in the context of AF.

Audit Patient Check Report				NHS Confidential: Personal Data about a patient	
Profile:	1 Apr 2017				
BMJ Version:	4.0.11.2246				
Personality:	Informatica Clinical System				
Localisation:	Wales				
Analyse data:	Yes				
BMJ ID:	26416				
Patient:	5578				
Date of birth:	26 March 1993				
Preferred GP:					
Gender:	Female				
Registration date:	2 May 1993				
Deregistration date:	Not defined				
Registration category:	Full GMS: Notes complete				
Analysed with:	Read V2 (5-byte)				
Extraction date:	Not extracted or date not known				
Audit:	AF 1000 lives 2016(Beta V2.1)				
Analysis date:	17 October 2016				

Name	Term	Date	Value	Rubric	Description
AF	G5730	2 Mar 2007		Atrial fibrillation	Atrial fibrillation and flutter
AF_E	G5730	24 Dec 2006		Atrial fibrillation	Atrial fibrillation and flutter (earliest)
AC	bs18	23 Jan 2009		WARFARIN SODIUM 3mg tablets	Oral Anticoagulant
CHF	G580	25 Sep 2007		Congestive heart failure	Congestive Heart Failure
PULSE_RATE	242	25 Sep 2007	80.0	O/E - pulse rate	Latest pulse rate recorded
PULSE_RHYTHM	2431	3 Nov 2003		O/E - pulse rhythm regular	Latest pulse rhythm recorded
REG_PULSE_RHYTHM	2431	3 Nov 2003		O/E - pulse rhythm regular	Latest regular pulse rhythm recorded
PULSE_RATE_VALUE	242	25 Sep 2007	80.0	O/E - pulse rate	Latest pulse rate recorded (with value)
WARF	bs18	23 Jan 2009		WARFARIN SODIUM 3mg tablets	Warfarin
AC_PRE	bs17	25 Nov 2006		WARFARIN SODIUM 1mg tablets	Oral Anticoagulant pre AF Dx
WARF_PRE	bs17	25 Nov 2006		WARFARIN SODIUM 1mg tablets	Warfarin pre AF diagnosis
CHADS_VASC_SCORE	2.00	17 Oct 2016	2.0	"2.00"	CHADSVACS Score calculator

This includes the code and date recorded and any associated value with the code eg Pulse rate.

NB If you print the patient record, only print the first page containing the Read codes, all other pages are background data, not relevant to the clinical review.

The module also provides the CHA2DS2-VASC score using data in the clinical system on the day. The score is not written back to the clinical system and is for information only.

Annex A: Headline Measures Logic summary

Section header Headline01 new AF patients	<p>All the measures use new patients ie those diagnosed in last 12 months</p> <ul style="list-style-type: none"> • #01 new AF assessed for stroke patients with a CHA2DS2VASC recorded • #02 those with CHA2DS2VASC over the at risk threshold who have had a Warfarin anticoagulation assessment. • #03 those with CHA2DS2VASC over the at risk threshold who have had a HASBLED bleeding risk assessment. • #04 those with CHA2DS2VASC over the at risk threshold who have anticoagulation drug therapy or are recorded with a contra indication.
Section header Headline02 All AF patients	<p>All the measures use all AF patients i.e. those diagnosed ever</p> <ul style="list-style-type: none"> • #05 AF asses for stroke patients with a CHA2DS2VASC recorded in last 12 months who are not already on anticoagulation • #06 AF patients with anti platelet mono therapy • #07 AF patients with no treatment, who have been identified by CHA2DS2VASC to be over the risk of stroke threshold, • #08 AF patients with no treatment who have not been stroke risk assessed using CHA2DS2VASC <p>Note the lists in the denominator will be all those who are recorded as no treatment</p>
Section header Headline03 All AF patients	<p>All the measures use all AF patients i.e. those diagnosed ever</p> <ul style="list-style-type: none"> • #09 Both Pulse rate and Rhythm recoded in last 12 months, if either singularly then the patient would not be indicated by this measure • #10 AF patients with anticoagulation have a time in therapeutic range recorded in the last 12 months
The review measures	<p>There are various sections that look in more detail at the headline measures. For example they provide details of those patients with contra indications, intolerances, those declining therapy, have been prescribed drug therapy, or have codes indicating therapy. The treatment section shows patients on the various therapies. They include:</p> <ul style="list-style-type: none"> • Anti platelet mono-therapy • Treatments • New AF stroke and Anticoagulation assessment • All AF stroke and Anticoagulation assessment • Review Actions ongoing management • AF therapy with stroke risk • Tidy up • CHA2DS2VASC calculations • Age Sex Prevalence
<p>Please note a set of the full business rules for the audit are available on request please e-mail Martin.Holloway@wales.nhs.uk or Harvey.Carman@wales.nhs.uk</p>	

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Treatment

Treatment section logic

Provides the numbers of patients on each treatment option

AF 1000 lives 2016(Beta V2.1) Status (run on 17 Oct)

Status	Targets	Trends	Reports	Headline1:New AF Patients (diagnosed last 12 months)	Headline2:All AF Patients (ever)
Description	Patients	Actual %			
AF 1000 lives 2016(Beta V2.1)	11887				
Headline1:New AF Patients (diagnosed last 12 months)	5	0.0%			
Headline2:All AF patients(ever)	59	0.5%			
Headline3:Ongoing Management	59	0.5%			
Review Actions - Antiplatelet Monotherapy	7	0.1%			
Treatments	59	0.5%			
Tre01: Anticoag	8/59	13.6%			
Tre02: Patients on Warfarin	8/59	13.6%			
Tre03: Patients on NOAC	0/59	0.0%			
Tre04: Antiplatelet Mono	7/51	13.7%			
Tre05: No treatment	44/59	74.6%			
Tre06: No Treatment, with stroke risk	0/44	0.0%			
Tre07: No treatment, No CHA2DS2VASC (L12M)	44/44	100.0%			

Note the Warfarin & NOAC pick up if patients have had this therapy prescribed in the last 6 months. This may lead to some duplication particularly if patients move between these anticoagulant options.