

# **Physical Health & VTE Risk Assessment Audit - Mental Health Division (Re-audit) June 2013**

**Version: 1**

**Status: Draft**

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**CQC Outcome: 4 & 21: Care and welfare of people who use services, Records**

## **Executive summary:**

A re-audit looking whether physical health assessments are being carried out and whether they are being documented in the correct place. The audit was carried out across all adult and older adult wards. Three standards were looked at (results in brackets):

1. All patients admitted to inpatient wards should have a physical health assessment on admission. (82%)
2. The physical health assessment should be clearly documented within patient notes. (93%)
3. The physical health assessment should include documentation of VTE risk (and appropriate management where necessary). (84%)

## **Areas for improvement:**

Some clients refused to have their physical health assessment done whilst they were inpatients and that could be due to their disturbed mental state at the time of admission. We should be aiming at offering to do the physical health assessment again during admission. Staff must ensure that the physical health assessment is documented in the correct place in RiO.

## **Audit Rating: Good**

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## 1. Project Definitions

### 1.1 Project Aims and objectives

The re-audit was aimed to investigate whether physical health assessment and VTE risk assessment were routinely completed and documented for the inpatients admitted to adult and older adult psychiatric units within Oxford Health NHS Foundation Trust. The results will be used to develop plans around the prevention and management of VTE in inpatients, in conjunction with the Medicines Safety Group committee.

### 1.2 Background

An estimated 25000 people in England die from preventable hospital-acquired Venous Thromboembolism (VTE) every year. There have been several adverse incidents involving venous-thromboembolism (VTE) on inpatient adult and older adult wards. Though VTE is not common, it can be fatal and it is therefore important that clinical practice in Oxford Health NHS Foundation Trust is in line with best practice guidelines. The recently issued NICE guidelines give a framework for assessment and management of VTE risk, and this has recently been introduced to Oxford Health NHS FT. This is a re-audit followed by an initial audit carried out in Sep 2011.

In July 2012 the National Safety Thermometer is being introduced on the Older Adults wards which also assessed the VTE Risk assessment. An audit was carried out in May 2012 and a Reaudit was completed in Jan 2013.

### 1.3 Scope and Methodology

The audit was completed in Jan 2013 using the electronic patient information system, RiO and evidence of physical examination was searched for in the core assessment section of RiO according to the new physical examination policy. Data collection focussed on assessing evidence that the physical health proforma has been completed and VTE risk identified. An audit tool (Appendix 1) was used for data collection with minimal patient details (RIO / NHS number) to ensure patient confidentiality.

### 1.4 Standards

2. All patients admitted to inpatient wards should have a physical health assessment on admission.
2. The physical health assessment should be clearly documented within patient notes.
3. The physical health assessment should include documentation of VTE risk (and appropriate management where necessary).

### 1.5 Sample Size

All of the adult and older adult wards in Oxfordshire and Buckinghamshire were included. There were 281 patients in total, 207 adult and 74 older adult inpatients records were audited. 106 patients from Buckinghamshire and 175 patients were from Oxfordshire.

#### Number of cases audited per ward

MH Division	County	Ward	Number of Patients
Adult	Oxon	Allen	32
		Ashurst	14
		Vaughan Thomas	26
		Phoenix	37
		Wintle	20
	Bucks	Mandalay	21
		Portland	27
		Kimmeridge	30
Older Adult	Oxon	Cherwell	17
		Sandford	16
		Fiennes	13
	Bucks	Cromwell	9
		Harding	19
<b>Total</b>			<b>281</b>

## 2. Results

### Key Findings

**Standard 1: All patients admitted to inpatient wards should have a physical health assessment on admission**

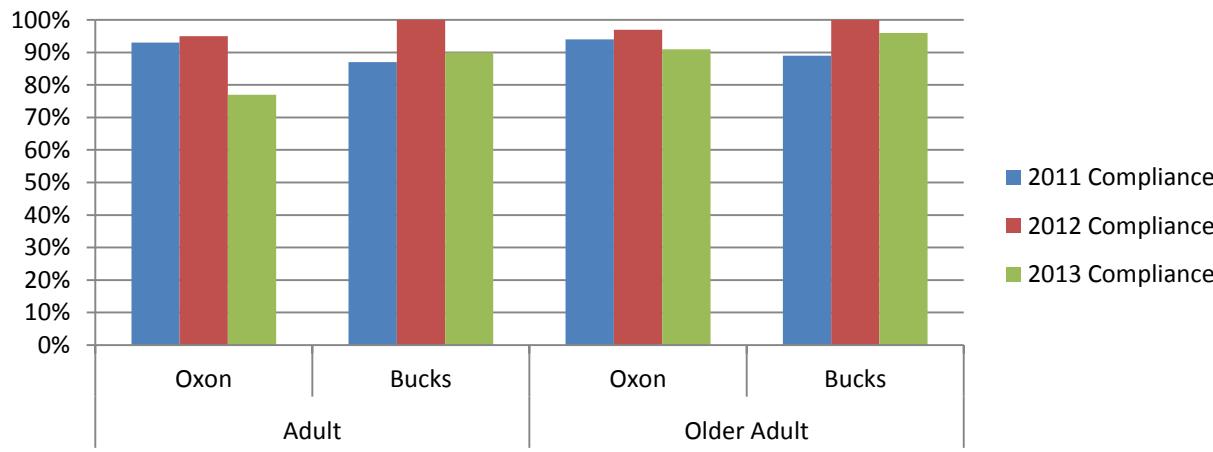
#### Physical Health Assessment Completed - Overall (n=281)

MH Division	2011 Compliance	2012 Compliance	2013 Compliance
Adult	90% (121/133)	96% (135/140)	82% (169/207)
Older Adult	92% (71/77)	98% (61/62)	93% (99/74)
Total	91% (192/210)	97% (196/202)*	82% (151/84)

#### Physical Health Assessment Completed - County Level (n=281)

MH Division	County	2011 Compliance	2012 Compliance	2013 Compliance
Adult	Oxon	93% (80/86)	95% (88/93)	77% (99/129)
	Bucks	87% (41/47)	100% (47/47)	90% (70/78)
Older Adult	Oxon	94% (47/50)	97% (29/30)	91% (42/46)
	Bucks	89% (24/27)	100% (32/32)	96% (27/28)

### Physical Health Assessment Complete 2011 - 2013



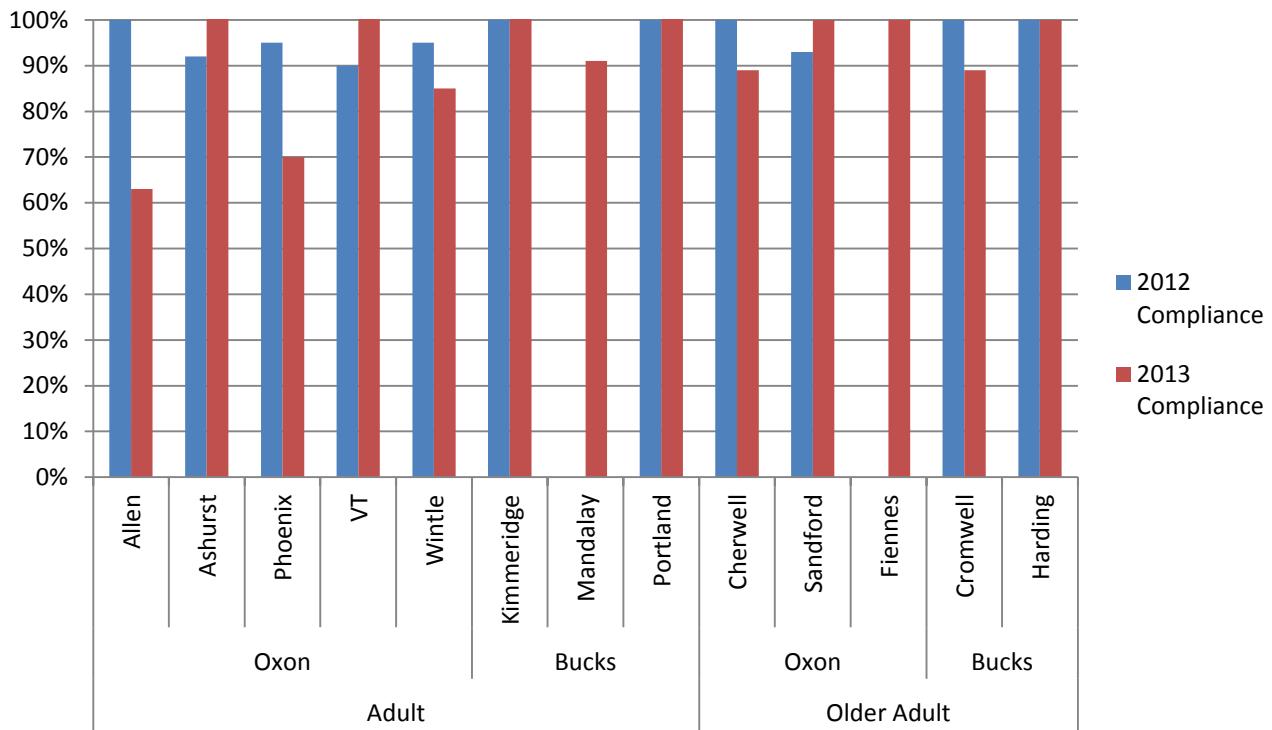
#### Physical Health Assessment Completed – Ward Level Comparison 2012 (n=202) Vs. 2013 (n=281)

	County	Ward	2012 Compliance	2013 Compliance
Adult	Oxon	Allen	100% (21/21)	63% (20/32)
		Ashurst	92% (11/12)	100% (14/14)
		Phoenix	95% (19/20)	70% (26/37)
		VT	90% (18/20)	85% (22/26)
		Wintle	95% (19/20)	85% (17/20)
	Bucks	Kimmeridge	100% (27/27)	90% (27/30)
		Mandalay	No data for 2012	91% (19/21)

#### Quality & Audit Team

		Portland	100% (20/20)	89% (24/27)
Older Adult	Oxon	Cherwell	100% (16/16)	89% (13/17)
		Sandford	93% (13/14)	100% (16/16)
		Fiennes	No data for 2012	100% (13/13)
	Bucks	Cromwell	100% (16/16)	89% (8/9)
		Harding	100% (16/16)	100% (19/19)
	Total		97% (196/202)	(151/184)

#### Physical Health Assessment completed Ward comparison 2012 Vs 2013



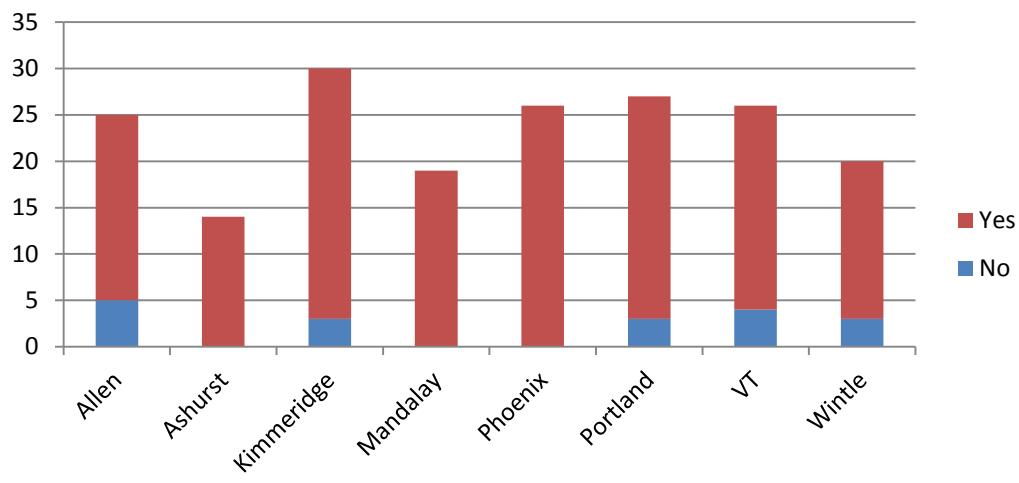
#### Standard 2: The physical health assessment should be clearly documented within patient notes

##### Physical health assessment documented (n=196)

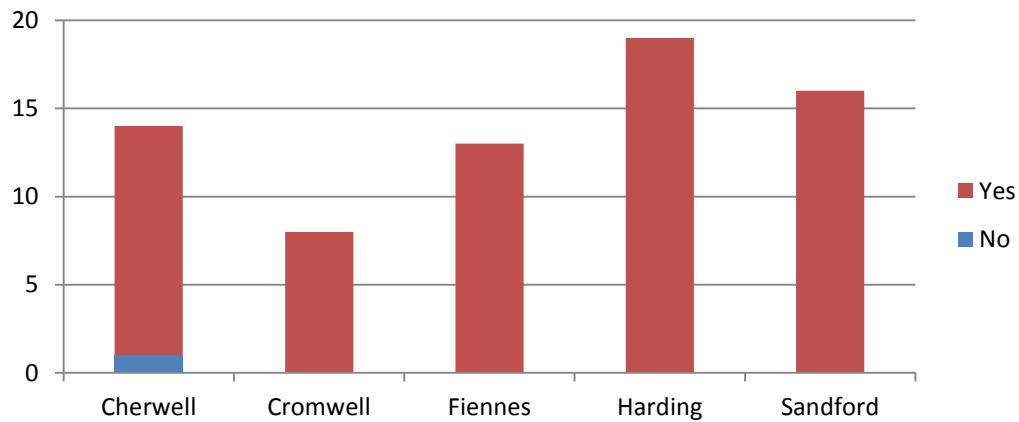
MH Division	2012 Compliance	2013 Compliance
Adult	100% (n=135)	90% (n=187)
Older Adult	100% (n=61)	99% (n=70)
Total	100% (n=196)	93% (n=257)

In previous audits the physical health assessment documentation was search for in many different locations i.e. paper proforma, clinical documentation in RiO, RiO progress notes and RiO physical health assessment section. The new physical examination policy states that all documentation is made under the core assessment if not within progress notes. So these were the only 2 areas that were looked in for the physical health assessment.

**Standard 2: Was the physical health assessment done? Adult wards**



**Standard 2: Was the physical health assessment done? Older Adult wards**



**Standard 3: The physical health assessment should include documentation of VTE risk (and appropriate management where necessary)**

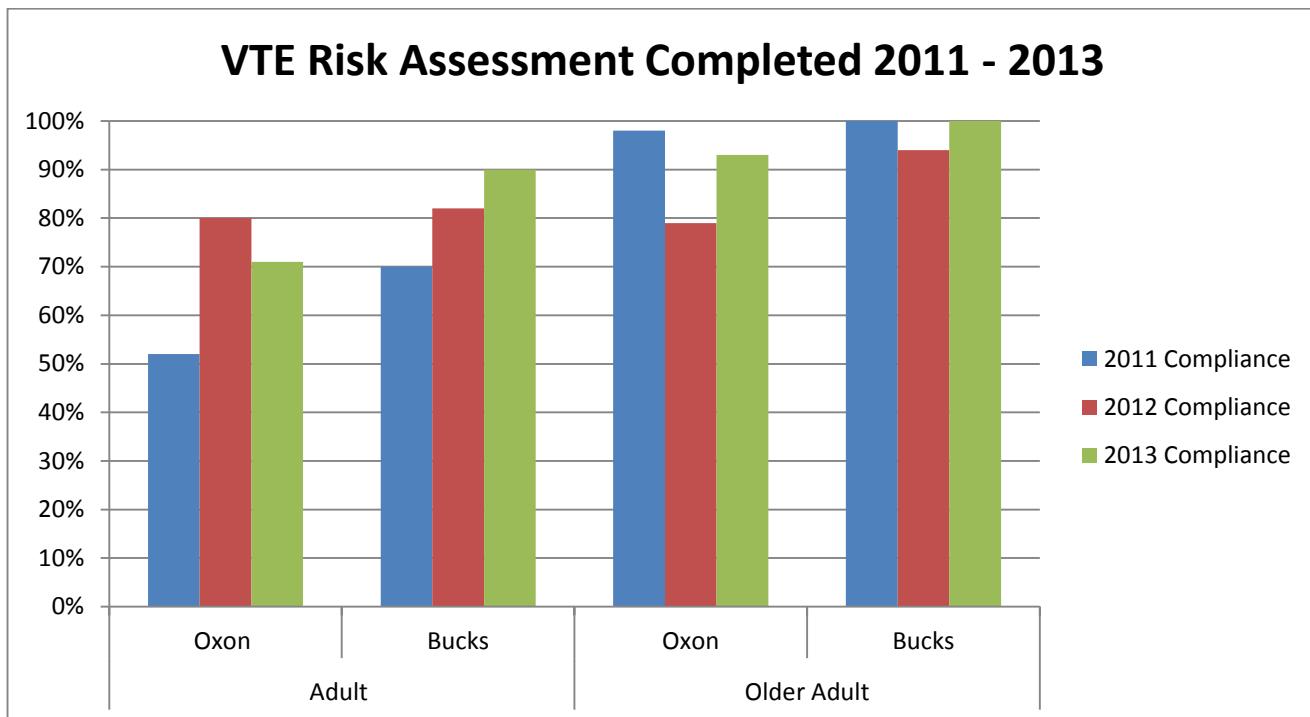
**VTE Risk Assessment Completed - Overall (n=281)**

MH Division	2011 Compliance	2012 Compliance	2013 Compliance
Adult	59% (80/135)	81% (116/144)	79% (164/207)
Older Adult	99% (76/77)	86% ( 56/65)	96% (71/74)
<b>Total</b>	<b>74% (156/212)</b>	<b>82% (172/209)</b>	<b>84% (235/281)</b>

**VTE Risk Assessment Completed - County Level (n=281)**

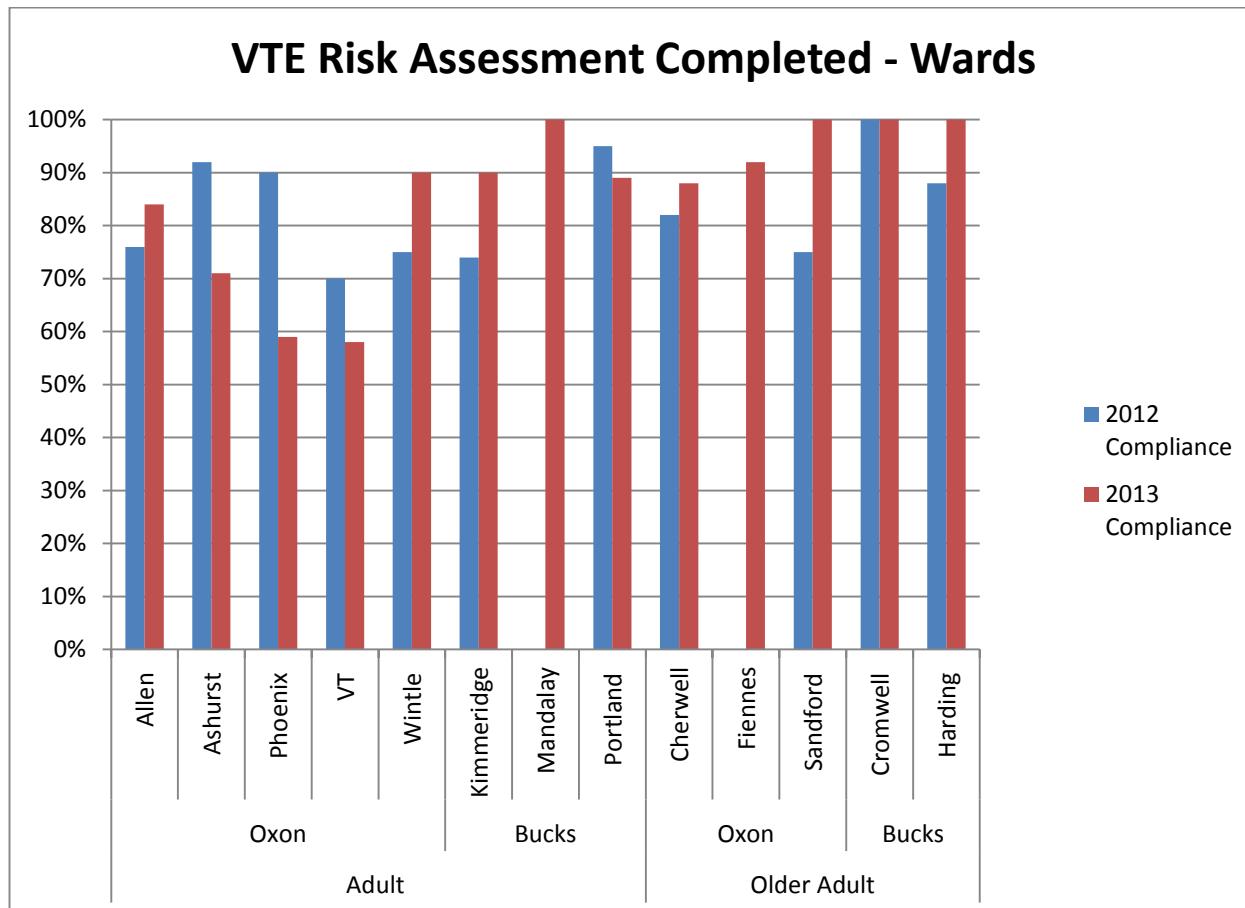
MH Division	County	2011 Compliance	2012 Compliance	2013 Compliance
Adult	Oxon	52% (41/79)	80% (74/93)	71% (92/129)

	Bucks	70% (39/56)	82% (42/51)	90% (72/80)
Older Adult	Oxon	98% (49/50)	79% (26/33)	93% (43/46)
	Bucks	100% (27/27)	94% (30/32)	100% (28/28)



**VTE Risk Assessment Completed - Ward Level (n=281)**

MH Division	County	Ward	2012 Compliance	2013 Compliance
Adult	Oxon	Allen	76% (16/21)	84% (27/32)
		Ashurst	92% (11/12)	71% (10/14)
		Phoenix	90% (18/20)	59% (22/37)
		VT	70% (14/20)	58% (15/26)
		Wintle	75% (15/20)	90% (18/20)
	Bucks	Kimmeridge	74% (23/31)	90% (27/30)
		Mandalay	No data	100% (21/21)
		Portland	95% (19/20)	89% (24/27)
Older Adult	Oxon	Cherwell	82% (14/17)	88% (15/17)
		Fiennes	No data	92% (12/13)
		Sandford	75% (12/16)	100% (16/16)
	Bucks	Cromwell	100% (16/16)	100% (9/9)
		Harding	88% (14/06)	100% (19/19)
<b>Total</b>			83% (172/209)	84% (235/281)



#### Appropriate management – Where Applicable (n=263)

MH Division	County	Ward	Yes	No	Number of Patients needing management
Adult	Oxon	Allen	27	4	31
		Ashurst	10	4	14
		Phoenix	21	0	21
		VT	15	5	20
		Wintle	19	1	20
	Bucks	Kimmeridge	27	0	27
		Mandalay	21	0	21
		Portland	24	1	25
Older Adult	Oxon	Cherwell	15	1	16
		Fiennes	12	1	13
		Sandford	14	1	15
	Bucks	Cromwell	9	0	9
		Harding	19	0	19
<b>Total</b>					

#### Source of admission

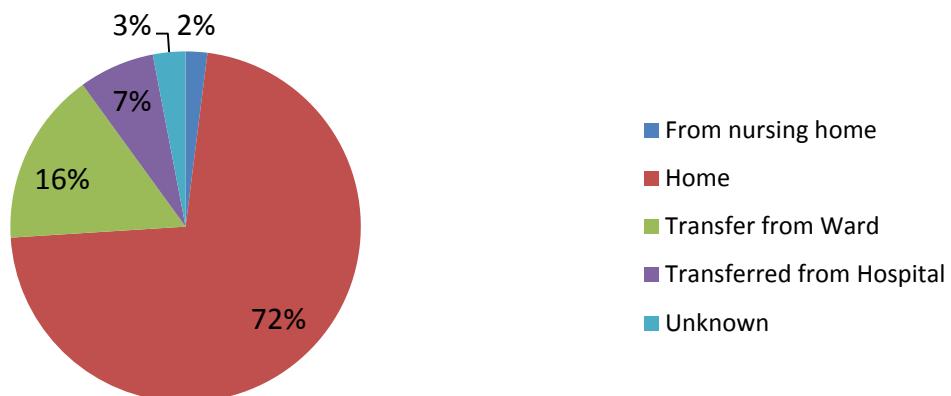
The table below shows the source of the admission, for all patients

Source of Admission	
From nursing home	7
Home	201
Transfer	16

**Quality & Audit Team**

Transfer from Ward	28
Transferred from Hospital	21
Unknown	8
<b>Total</b>	<b>281</b>

### Source of admission

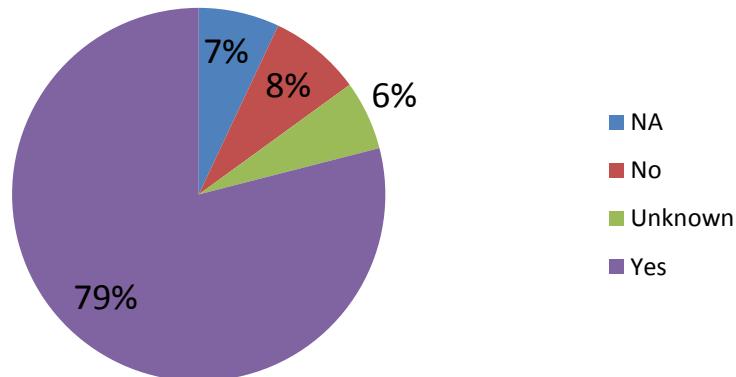


### Were the forms signed?

The table below shows where the forms were signed or not.

Form Signed	
NA	21
No	22
Unknown	16
Yes	222
<b>Total</b>	<b>281</b>

### Was the VTE form signed



### 3. Detail of Findings

#### Good Points

- There is a general improvement in the documentation of the VTE risk assessment and Physical health assessment. There is a significant difference compared to 2011 results.
- There was a good improvement (target 100%) in the documentation of the physical health assessments., this is clearly seen in 7 out of the 11 wards covered in the audit , compared to 5 wards which achieved the 100% target in 2012 reaudit.

#### Areas for Improvement

Some clients refused to have their physical health assessment done whilst they were inpatients and that could be due to their disturbed mental state at the time of admission. We should be aiming at offering to do the physical health assessment again during admission. Staff must ensure that the physical health assessment is documented in the correct place in RiO.

### 4. Draft Action Plan

Action	Responsibility	Timescale for Completion	Evidence of Competition
We should be aiming at having our target of 100% achieved on all wards (both VTE and physical health assessment documentation).	Admitting doctors, regular day team, Ward nurses/managers	Ongoing	Another audit might be needed next year.
Encouraging those clients who haven't had their psychical health assessment done to have it whilst they are still on the inpatient wards.	Day medical teams	Ongoing	Another audit might be needed next year.
Ensure that all staff are aware that the physical health assessment needs to be documented in the correct place in RiO.	Admitting doctors, regular day team, Ward nurses/managers	Ongoing	Another audit might be needed next year.

## APPENDIX 1

## Physical Health Assessment & VTE Risk Assessment Audit Tool

## APPENDIX 2

### Demographics

Age Groups	% of Patients
<21	4%
21-40	30%
41-60	35%
61-80	20%
81>	11%

