

# Clinical Noting in Vision

Dr Paul Miller

SCIMP 2015



# Vision is...

- ...hugely configurable!
- ...initially confusing
- ... assumes you know what you are doing
- ...wants everything to have a Read Term
- ...wants everything to be *structured*
- ...is not what you were used to!

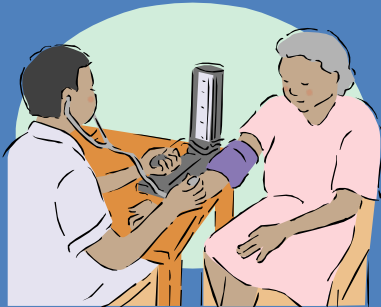
# To use it properly...

- System Admin
  - turn on per user (Security, Right Click, Edit User)
  - Select Read from Formulary - By Keyword
- Create or Import a Read Formulary
- Add, Maintain, Learn Keywords
  - Learn about Read Dictionary
    - hierarchy, preferred terms, synonyms, keywords, negation
  - Learn how to find Read terms
  - Learn to use Keyboard shortcuts
  - Set SDA Settings in ALTCOS
  - Learn how to force Medical History Add
- Be able to use a computer!
- Be able to use a Keyboard
- Understand basic stuff about Read Codes
- Understand Vision's Model
- Care a little about data quality...

# How Vision Works

- Vision models general practice
- Uses Read Terms
- Links them to clinical findings
  - “Entities” = Structured Data Areas
- So, Blood Pressure Examination terms
  - Trigger Blood Pressure SDA
- Peak Flow terms
  - Trigger Peak Flow SDA
- etc

The Real World



Patient's  
Blood  
Pressure is  
170/80

Vision

Read Terms for  
O/E BP



246..O/E – blood  
pressure reading  
2464. O/E Blood  
Pressure Reading  
Normal  
2466. O/E Blood  
Pressure Reading  
Raised

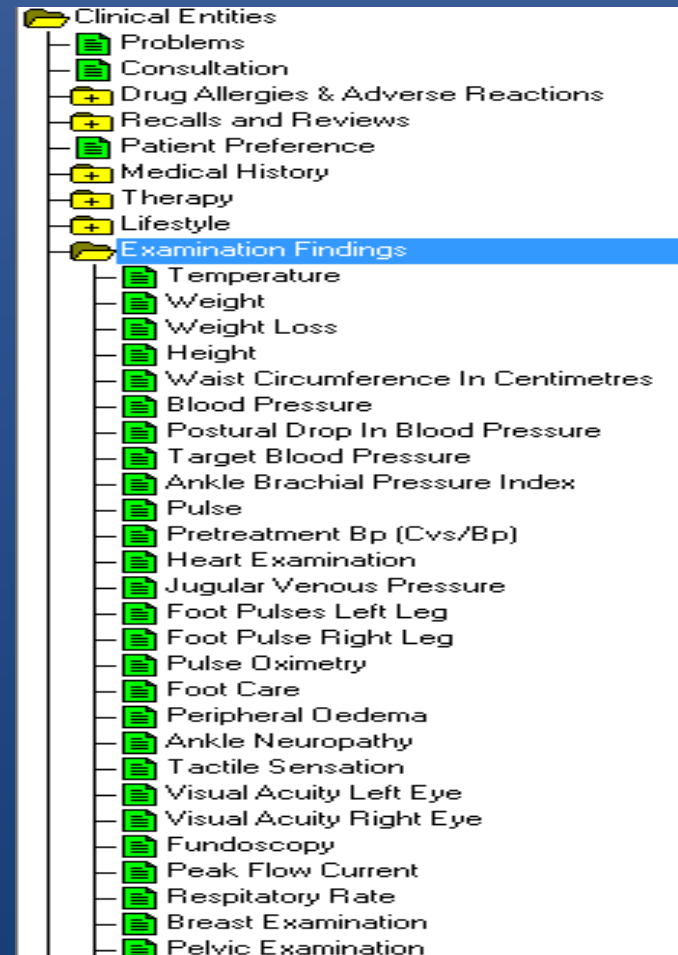
Allows you to  
record in the  
SDA:  
*Date*  
*Clinician*  
*Systolic*  
*Diastolic*  
*Cuff*  
*Laterality*  
*etc.*

**Blood Pressure - Add**

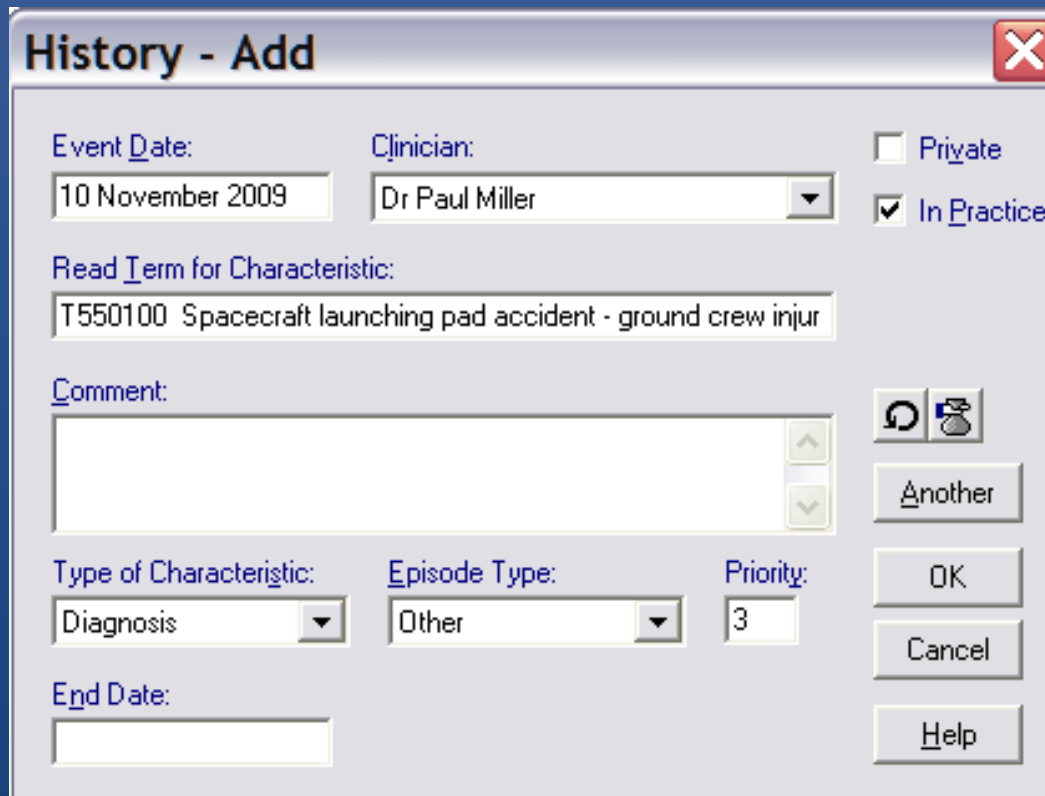
Date Measured: 10 November 2009	Clinician: Dr Paul Miller	<input type="checkbox"/> Private <input checked="" type="checkbox"/> In Practice
Read Term for Characteristic: 246..O/E - blood pressure reading		
Systolic: 	Diastolic: 	Korotkoff: 
Time: 7:23pm		OK
Laterality: <None>	Position: Sitting	Cuff: Standard
		Cancel
		Help

# Forms (SDAs)

- Record a thing once
- In the right place
- Quantities
- Examination findings
- Data about Findings
- Use them *if appropriate*
- And if *you want to*
- *But better data leads to better information*



# Medical History



The screenshot shows a 'History - Add' dialog box with the following fields and controls:

- Event Date:** A text box containing '10 November 2009'.
- Clinician:** A dropdown menu showing 'Dr Paul Miller'.
- Private:** An unchecked checkbox.
- In Practice:** A checked checkbox.
- Read Term for Characteristic:** A text box containing 'T550100 Spacecraft launching pad accident - ground crew injur'.
- Comment:** A large text area with up and down arrow buttons on the right.
- Type of Characteristic:** A dropdown menu showing 'Diagnosis'.
- Episode Type:** A dropdown menu showing 'Other'.
- Priority:** A text box containing '3'.
- End Date:** An empty text box.
- Buttons:** 'Another', 'OK', 'Cancel', and 'Help' buttons are located on the right side.

- Most Terms go here
- Date, Clinician etc
- Just add the narrative as free text

# SDAs

**Peak Flow Current - Add**

Date Measured: 10 November 2009 Clinician: Dr Paul Miller ☐ Private ☒ In Practice

Read Term for Characteristic: 3395.00 Peak exp. flow rate: PEFr/PFR

Value: = Unit of Measure: L/min Result Qualifier: <None>

Device Type: Wright

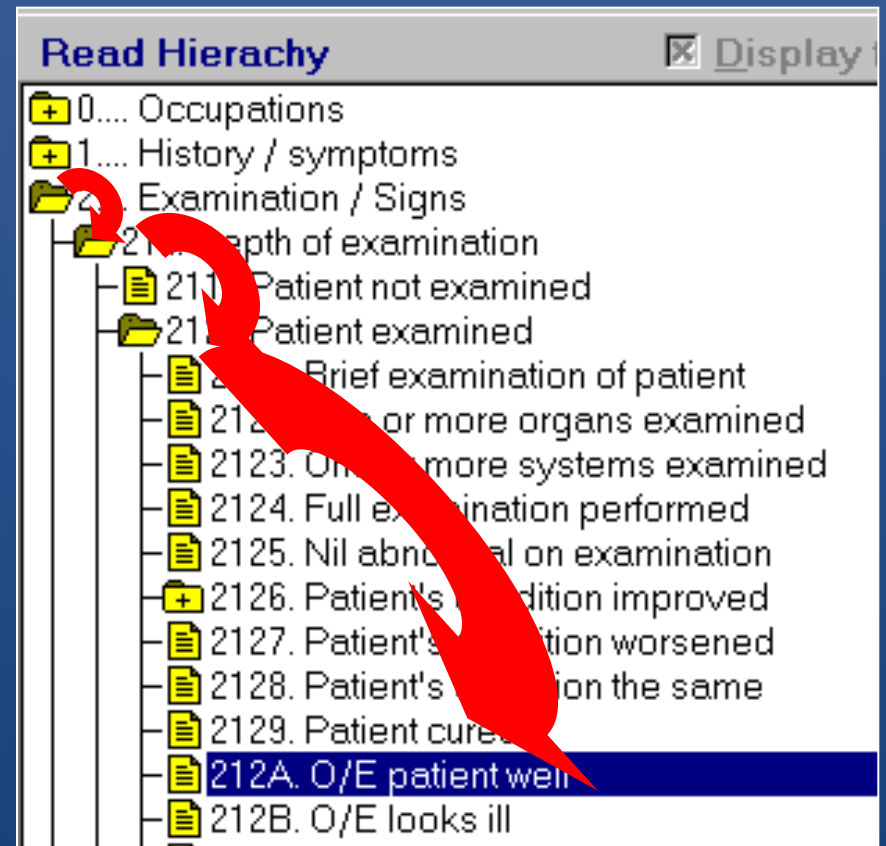
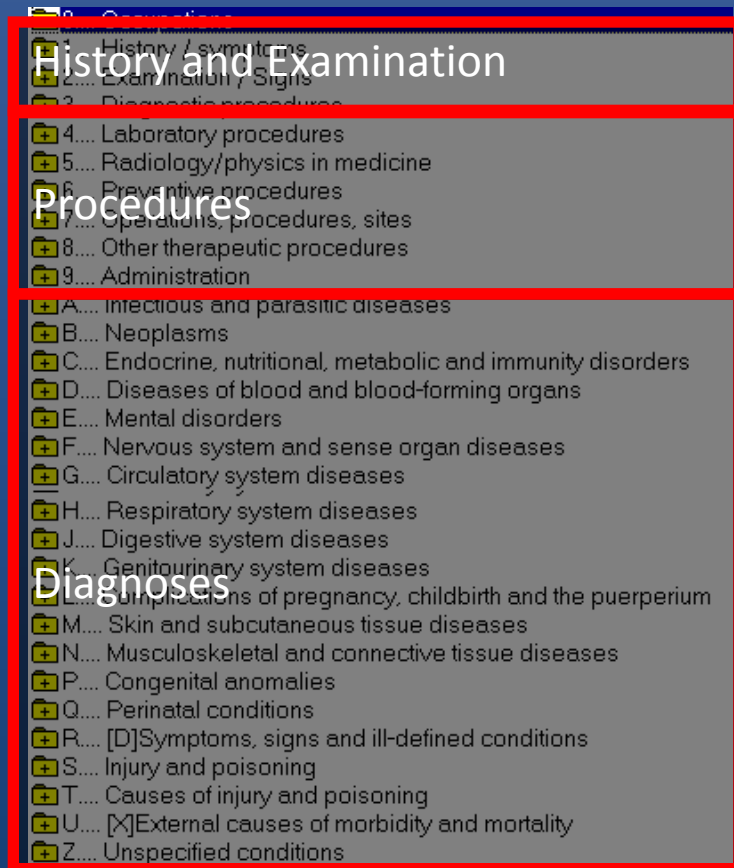
Notes:

Previous Best Ever = 300.0 on 19 March 2009  
Percentage of Best Ever = 0%  
Predicted Peak Flow = 455.0

OK Cancel Help



# Chapters and Hierarchy



# Keywords

- Read Dictionary ships with Keywords
- Vision lets you add your own
- Attaches easy to remember shorthand to Read Terms
- Prefixes, Suffixes, TLAs, Medical Shorthand

# Keywords do...

- Enter a keyword
- Vision finds the associated Read Term(



H<sub>d</sub> Verrucae - warts R foot.

**History - Add**

Event Date: 17 November 2009    Clinician: Dr Paul Miller    ☐ Private    Read Term for Characteristic: 1991.00 No vomiting

☒ In Practice

Comment:   
Type of Characteristic: Symptom    Episode Type: Other    Priority: 3    End Date:

# For example

Keyword	Read Code	Read Term
coff	171..	C/O Cough
cp	182Z.	Chest Pain NOS
cpe	182A.	Chest Pain on Exertion
srt	1C9..	Sore throat symptom
0cp	1821.	Chest pain not present
coaches	1DCC.	Aching muscles
oerash	2227.	O/E Rash Present
Orash	222D.	O/E Rash Absent
painleg	N2452	Pain in leg
lbp	165C.	C/O Low back pain

# Prefixes etc

Keyword	Read	Read Term		
“F	OK	NAD	DU	HH
rx				
rx				
rx	GOK	ISQ	TATT	FTA
rx				
rr				
rx	PAIN	XRAY	REF	FH
rx				

# Select from Read Formulary

**User Details - Update**

Staff Member: Dr Glover Beth BETH

Login Name: BETH - SEN. PARTNER

User Level: 1

Inactive: ☐ ☐ Enable Browse Config window

Valid From: 01/01/1960 Valid Until:

☐ Select drugs from drug formulary

☒ Select Read term from Read formulary

Drugs selected by:

- ☐ Action group
- ☒ Drug Name

Read term selected by:

- ☐ Read Hierachy
- ☒ Keyword

OK Cancel Help

# Read Popup – Just Type

Carenet TEST 55Y - 30/01/1954 (F) 123 Diusneyland Road, Dykebar, Paisley, Renfrewshire, PA2 8DX - [Copy of Initial View 4]

Consultation Summary Guidelines Add List View Window Help

Initial Filter 3 Problems Appointments Patient Select Patient Details Consultations Journal Filtered List Summary/Grid Tests Therapy Guidelines Current Rx

## Hx History - Add

Event Date

10 Nov

Type of Consultation

Symptom

H<sub>a</sub> Did not attend - no reason

H<sub>s</sub> Sore throat symptom

**H<sub>x</sub> Read Term - Add**

1B1G.00 Headache

# Simple Narrative

History - Add Recall IOS Another OK Cancel Help

Caret TEST 55Y - 30

Consultation Summary

16-11-09 (5)

No headache. 3wks. frontal. ↑ recently  
persistent. Not worse posture.  
Nausea. 0 visual upset.  
work stress +++

Pain no vis. Note FH migraine.  
20 cgd smoker - Advised.  
O/R well. BP 130/76. p 76 reg  
T 37.2 C

△ Tension Headache Pressure  
TCB of nose.

PAGM



# So..

- Single Read Term
  - You always need one
  - Make it sensible
  - Use High Level Symptom / Examination if stuck
  - Don't use 'Chat', 'Patient Reviewed', 'Seen by GP' etc!
- If the story is all in text
  - Can't find / sort / filter to BP, smoking, pulse, FH etc...
- But it is human readable, recorded.
- DQ 1 up!

# Our Consultation Differently

The screenshot displays a medical software interface. A central dialog box titled "Select Clinical Area To Record Data" is open, showing the code "1297.00" and a list with "Family History" selected. The dialog offers three options: "Enter In The Selected SDA", "Enter In General History", and "Select Another Read Term", along with a "Help" button. The background window shows a "Read Term - Add" section with "1297.00 FH: Migraine" entered. Other visible text includes "Health ed. - smoking for Smoking", "FH Family History - Add", "Date: 13 November 2009", "Read Term of Condition: F26..00 Migraine", and a patient note: "Stressed at work. Paracetamol not helping".

Health ed. - smoking for Smoking

Select Clinical Area To Record Data

1297.00

Some clinical data may be better recorded in a structured data area rather than in general history. Vision suggests that you enter this data

Family History

Enter In The Selected SDA

However, you may think it more appropriate to enter this data in

Enter In General History

Alternatively, you may wish to choose another Read term:

Select Another Read Term

Help

Read Term - Add

1297.00 FH: Migraine

FH Family History - Add

Date: 13 November 2009

Read Term of Condition: F26..00 Migraine

Stressed at work. Paracetamol not helping

# Smoking

c/o head

getting w

vomiting.

at work. I

Migraine

Looks we

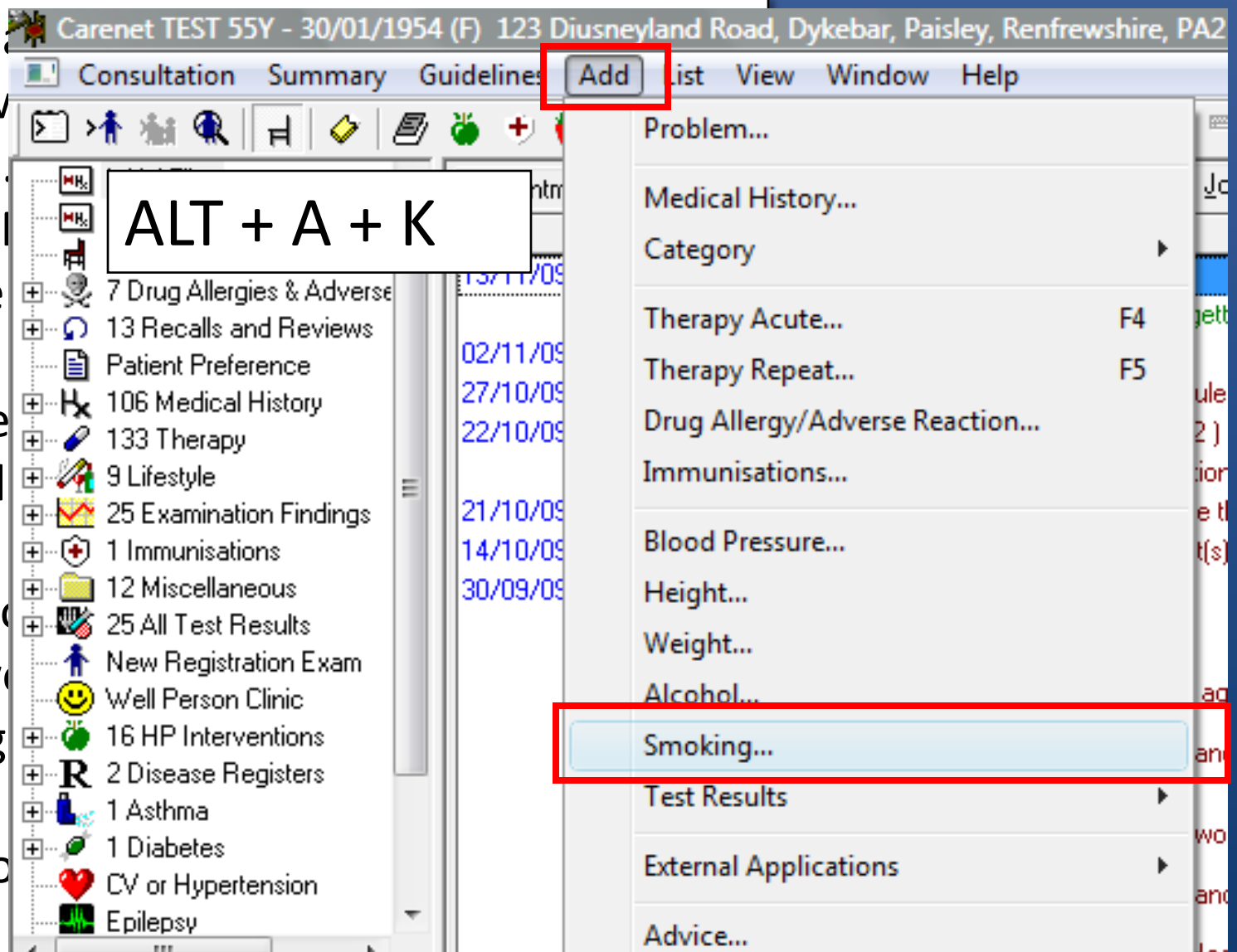
apyrexial

S/L Tensio

back if w

resolving

Also par



AppointmentsPatient SelectPatient DetailsConsultationsJournalFiltered ListSummary/GridTestsTherapyGuidelinesCurrent Rx

Date	Description	Priority	Clinician
13/11/09	<div><div><div><div><div></div><div></div></div><div>Smoker Cigarettes: 20 Cigarette smoker</div></div><div><div><div></div><div></div></div><div>Health ed. - smoking for Smoking</div></div><div><div><div></div><div></div></div><div>FH FH: Migraine of Migraine mum</div></div></div></div>		PAGM
	<div><div><div><div></div><div></div></div><div>Headache c/o headache for 3 weeks, persistant getting worse. No postural worsening. No vomiting.No visual upset. Frontal. 3</div></div><div><div><div></div><div></div></div><div>Stressed at work. Paracetamol not helping.</div></div></div>		
02/11/09	<div><div><div><div></div><div></div></div><div>MED3 - doctor's statement</div></div></div>	3	

adverse  
views

# Alt + a + ?

ALT+A+	
K	Smoking
A	Alcohol
B	Blood Pressure
H	Height
W	Weight
I	Immunisations
L	Medical History

Problem...	
Medical History...	
Category	▶
Therapy Acute...	F4
Therapy Repeat...	F5
Drug Allergy/Adverse Reaction...	
Immunisations...	
Blood Pressure...	
Height...	
Weight...	
Alcohol...	
Smoking...	
Test Results	▶
External Applications	
Advice...	
Recalls...	
Data Entry Caution...	
Medication Review...	
Referrals	▶
Requests	▶
Contraception...	
Cytology...	
Chronic Disease Registers	
Health Promotion Interventions	
Correspondence...	
Attachments...	
Reminder...	
Select Read Term...	
Select Data Entry Form...	
MED3...	

# Examination Findings

c/o headache for 3 weeks, persistant getting worse. No postural worsening. No vomiting. No visual upset. Frontal. Stressed at work. Paracetamol not helping. FH Migraine. Smoker 20 cpd. Advised.

Looks well, **BP 130/76, pusle 76 regular, apyrexial.**

S/L Tension headache. Reassure. Come back if worse / other sympts / not resolving.

Also paronychia (L) index. Advice.

# Add New from Previous

The screenshot shows a medical software interface with a sidebar on the left and a main data table. The sidebar contains a tree view of patient data, with '17 HP Interventions' highlighted by a red rectangle. The main table displays a list of blood pressure readings. A red star is drawn over the first row of the table, and a right-click context menu is open over it. The menu contains several options, with 'Add...' highlighted by a red rectangle. A text box labeled 'Right Click' points to the context menu.

**Copy of Initial View 4**

3 Problems  
188 Consultation  
7 Drug Allergies & Adverse  
13 Recalls and Reviews  
Patient Preference  
106 Medical History  
133 Therapy  
10 Lifestyle  
25 Examination Findings  
8 Weight  
6 Height  
11 Blood pressure  
1 Immunisations  
12 Miscellaneous  
25 All Test Results  
New Registration Entry  
Well Person Clinic  
17 HP Interventions  
2 Disease Registers  
1 Asthma  
1 Diabetes

**Copy of Initial View 4**

Appointments | Patient Select | Patient Details | Consultations | Journal | Filtered List | Summary

Date	Description (Blood pressure)
20/08/09	BP 150 / 60 at: 16:19.00 taken Sitting Cuff: Standard O/E - blood
07/11/08	BP 120 / 40 at: 16:18.00 taken Sitting Cuff: Standard recall: 20/09
25/09/08	BP 130 / 80 at: 15:55.00 taken Sitting Cuff: Standard O/E - blood
	BP 130 / 80 at: 15:52.00 taken Sitting Cuff: Standard O/E - BP re
23/09/08	BP 128 / 67 at: 11:38.00 taken Sitting Cuff: Standard O/E - blood
06/03/08	BP 120 / 80 at: 14:42.00 taken Sitting from Left Cuff: Standard O
21/03/07	BP 142 / 81 at: 09:51.00 taken Sitting from Left Cuff: Standard O
12/03/07	BP 136 / 78 at: 11:08.00 taken Sitting from Left Cuff: Standard O
28/07/06	BP 148 / 89 at: 10:50.00 taken Sitting from Left Cuff: Standard O
02/07/04	BP 130 / 84 O/E - blood pressure reading

Right Click

Consultation View  
Graph  
Problems...  
Check Condition...  
Edit...  
Add...  
Delete...  
Audit Trail...  
Source  
More...  
Help

anxious

Health promotion

# Tab and CTRL+K

The screenshot shows a 'Blood Pressure - Add' form with the following fields and annotations:

- Date Measured:** 14 Novemb
- Clinician:** (empty)
- Private:** ☐
- Read Term for Characteristic:** 246..00 O/E - blood pressure reading
- Systolic:** 130
- Diastolic:** 76
- Korotkoff:** (empty)
- Time:** 3:32pm
- Laterally:** Left
- Position:** (empty)
- Cuff:** Standard

Navigation annotations include:

- Four red boxes labeled 'TAB' with arrows indicating the sequence: Date Measured → Clinician → Private → Read Term for Characteristic.
- A red box around the Systolic and Diastolic fields with an arrow pointing to the Diastolic field.
- A white box labeled 'Press 'L'' pointing to the Diastolic field.
- A white box labeled 'CTRL+K' pointing to the Read Term for Characteristic field.

Tab through forms.

First letter of an item in a list finds it


CTRL+K = OK





1000

# Drop Target Another

**History - Add** 



Event Date:

Clinician:

☐ Private  
☒ In Practice

Read Term for Characteristic:

Comment:  



  


Type of Characteristic:

Episode Type:

Priority:

End Date:


Another

OK

Cancel

Help

# Pulse, Temp

 **Temperature - Add** Recall OK Cancel Help

Date of test result:  Clinician:  ☐ Private ☒ In Practice

Read Term:   Value:  Unit of measure:

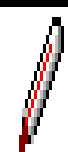
Result qualifier:  Notes:

Normal range  
From:  To:   
Basis of normal range:

**CTRL + K**

Date	Description
------	-------------

13/11/09



O/E - temperature normal = 37.2 degC



O/E - pulse rate 76 beats/min regular



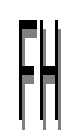
BP 130 / 76 at 17:52.00 taken Sitting from Left Cuff: Standard O/E - blood pressure reading



Smoker Cigarettes: 20 Cigarette smoker



Health ed. - smoking for Smoking



FH: Migraine of Migraine mum



Headache c/o headache for 3 weeks, persistent getting worse. No postural worsening. No vomiting. No visual upset. Frontal. Stressed at work. Paracetamol not helping.

# More bits...


c/o headache for 3 weeks, persistent

ge  
vo  
at  
Mi  
  
Lo  
ap  
  
S/  
ba  
res

Keywords	Read Code	Read Term
owell	212A.	O/E Patient Well
tens head	E278.	Tension Headache
advok	8C9..	Reassurance Given
uwg	8CD..	Usual Warning Given

Also paronychia (L) index. Advice.

# Use ALT+A for 'Another'

**History - Add** 




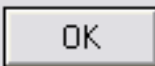

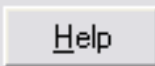
Event Date: 17 November 2009    Clinician: Dr Paul Miller    ☐ Private  
☒ In Practice

Read Term for Characteristic:  
8CD..00 Usual warning given

Comment:  
come back if persists / worse

Type of Characteristic: Intervention    Episode Type: Other    Priority: 3

End Date:

owell  
<RETURN>






ALT+A  
tens head  
<RETURN>

ALT+A  
advok (Reassurance Given)

ALT+A  
Uwg  
<TAB>  
Come back if persists / worse

CTRL+K

# Now:

Date	Description	Prior
13/11/09	H <sub>i</sub> Usual warning given come back if persists / worse	3
	H <sub>i</sub> Reassurance given	3
	H <sub>d</sub> Tension headache	3
	H <sub>e</sub> O/E patient well	3
	 O/E - temperature normal = 37.2 degC	
	 O/E - pulse rate 76 beats/min regular	
	 BP 130 / 76 at: 17:52.00 taken Sitting from Left Cuff: Standard O/E - blood pressure reading	
	 Smoker Cigarettes: 20 Cigarette smoker	
	 Health ed. - smoking for Smoking	
	FH FH: Migraine of Migraine mum	
	H <sub>s</sub> Headache c/o headache for 3 weeks, persistant getting worse. No postural worsening. No vomiting.No visual upset. Frontal. Stressed at work. Paracetamol not helping.	3

# Navigating Read

Keyword: 'coff'

3/17/1979 Show More

☒ **Read Term - Add**

1/171.00 Cough



3/17/1979 Show More

☒ **Read Term - Add**

1/112.00 Dry cough



3/17/1979 Show More

☒ **Read Term - Add**

1/113.00 Productive cough -clear sputum

F





# Read Browser

Press F3

Read Dictionary

Find Read Term

Keyword:  Search Text:

Find

OK

Cancel

Help

Code	Term	<input checked="" type="checkbox"/> Display from Formulary	<input type="checkbox"/> Display By Hierarchy
*171.	Cough		
*1712.	Dry cough		
*1713.	Productive cough -clear sputum		
*1714.	Productive cough -green sputum		
*1717.	Night cough present		
*171Z.	Cough symptom NOS		
*1716.	Productive cough NOS		
*1715.	Productive cough-yellow sputum		

Keywords: ☐ Display All Keywords

Synonyms: ☐ Display Preferred Term ☐ Display Synonyms

# Read Find

**Read Dictionary** [X]

Find Read Term

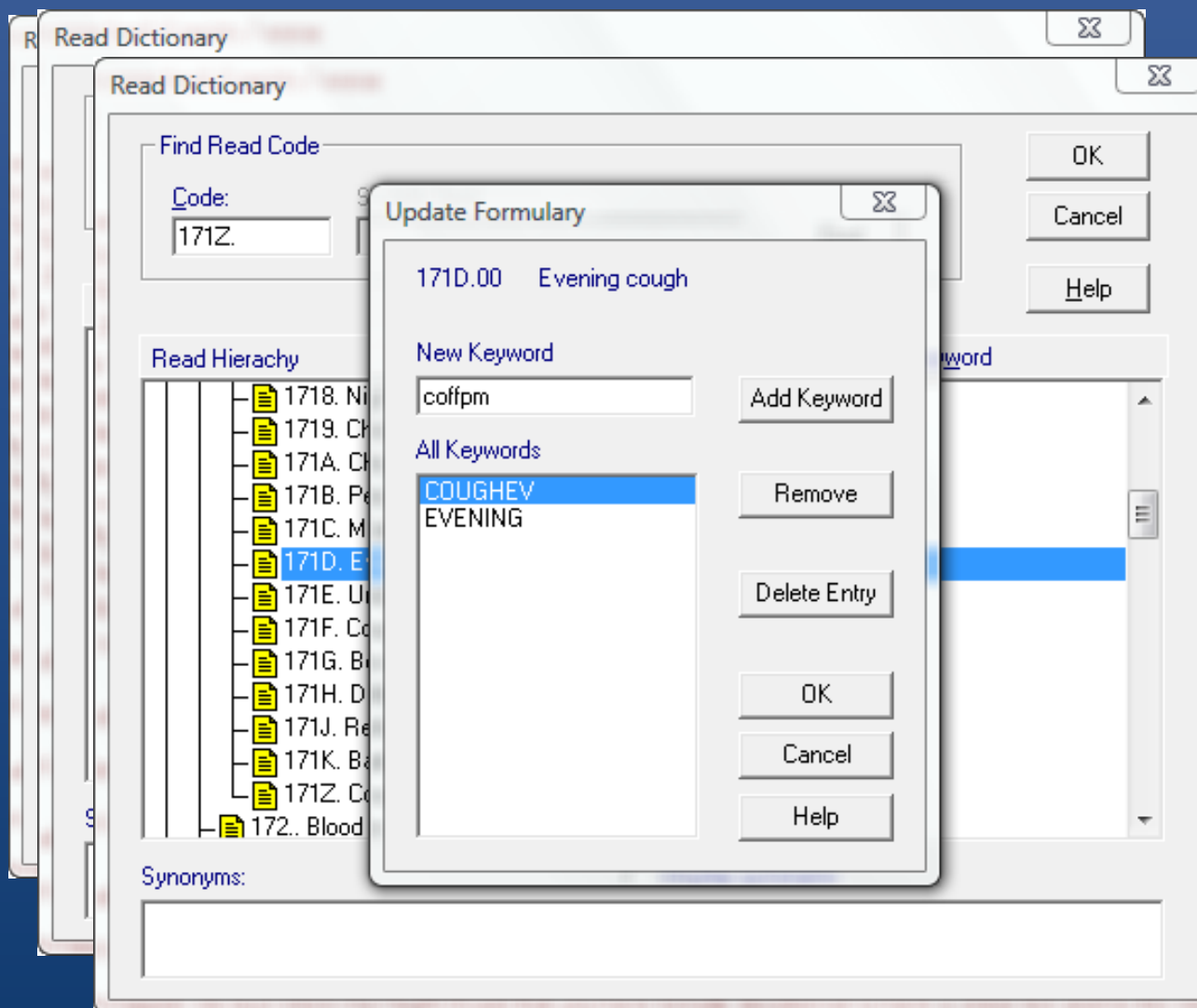
Keyword:  Search Text:

Code	Term	<input type="checkbox"/> Display from Formulary	<input type="checkbox"/> Display By Hierarchy
*1221.	FH: Sudden infant death		
*22J4.	O/E - dead - sudden death		
*G5751	Sudden cardiac death, so described		
*R21..	[D]Sudden death, cause unknown		






Keywords: ☐ Display All Keywords

Synonyms: ☐ Display Preferred Term ☐ Display Synonyms

# Add a keyword



# Use Keyword

	15/09/09		Health ed. - cervical cytology A
	27/08/09		Mental health medication review
			Mental health medication review
	<b>Read Term - Add</b>		
	171D.00 Evening cough		

The screenshot displays the 'Lifestyle Management Plan' window. The table contains the following data:

	02/07/2004	12/03/2007	06/03/2008	07/11/2008	07/01/2009	13/11/2009	+
Occupation							
Smoking							
Passive smoking							
Alcohol							
Exercise							
Diet							
Contraception							
Sleep pattern							

A tooltip for 'Management Plan' is visible at the bottom, showing a tree structure with '2 E...', '28 Exam...', '1 Immun...', '12 Miscellaneous', and '25 All Test Results'.

Smoker Current smoker

# Guidelines

	12/03/2007	08/02/2007	12/03/2007	+
<b>Blood Pressure</b>				
Add BP				
Last 3 Readings				
12/11/2009 18:32:00 BP 130 / 76 taken Sitting Cuff: Standard recall due: O/E - blood pressure				
Last Reading > 160 / 90				
09/08/2007 13:25:00 BP 160 / 100 taken Sitting Cuff: Standard recall due: O/E - BP borderline				
09/08/2007 12:53:00 BP 150 / 100 taken Sitting Cuff: Standard recall due: O/E - BP borderline				
12/03/2007 11:01:00 BP 140 / 98 taken Sitting from Left Cuff: Standard recall due: O/E - blood pressure				
22/04/2004 BP 130 / 110 recall due: O/E - blood pressure reading Dr Staff Unknown Member				
05/04/2004 BP 120 / 90 recall due: O/E - blood pressure reading Dr Staff Unknown Member				
23/02/2004 BP 160 / 90 recall due: O/E - blood pressure reading ACTION=Repeat after an interval				
12/01/2004 BP 160 / 110 recall due: O/E - blood pressure reading Dr Colin Brown				
12/01/2004 BP 189 / 95 recall due: O/E - blood pressure reading Dr Colin Brown				
02/05/2003 BP 134 / 95 taken Sitting Cuff: Standard recall due: O/E - blood pressure reading				
<b>Anti-hypertensive Medication</b>				
<b>Smoking</b>				
Never Smoked Ex-smoker Current Smoker Advice to Stop				
12/03/2007 Smoker Cigarettes: 30 Cigarette smoker Mrs Marie Anne Muir				
12/03/2007 Health ed. - smoking for Smoking Mrs Marie Anne Muir				
<b>Cholesterol</b>				
05/11/2009 Serum cholesterol = 4.3 mmol/L Mrs Marina Macdonald				
25/09/2008 Serum cholesterol = 9.6 mmol/L High Mrs Marina Macdonald				
11/08/2008 Serum cholesterol = 5.9 mmol/L Mrs Marina Macdonald				
No data recorded.				
25/02/2009 Smoking cessation advice Smoking cessation advice Smoking cessation advice vent				
<b>Alcohol</b>				
Never Drunk Alcohol Ex-Drinker Ex-Heavy Drinker Trivial Drinker Moderate Drinker Heavy Drinker Alcohol Advice				
09/03/2004 Current drinker Alcohol intake above rec limit Dr Colin Brown				
12/01/2004 Health ed. - alcohol Alcohol Dr Colin Brown				
<b>Height and Weight</b>				
12/03/2007 Weight: 78 kgs BMI: 28.6 O/E - weight Mrs Marie Anne Muir				
12/03/2007 Height: 1.65 metres O/E - height Mrs Marie Anne Muir			78.0	
Add Height Add Weight			1.65	

# Is this OK...?

☐ (1) 17/11/09 **Surgery consultation** Dr Paul Miller

Symptom

Show Less...

**H** 17/11/2009 History / symptoms c/o headache for 3 weeks, persistent getting worse. No postural worsening. No vomiting. No visual upset. Frontal. Stressed at work. Paracetamol not helping. FH Migraine. Smoker 20 cpd. Advised.


Looks well, BP 130/76, pulse 76 regular, afebrile.

S/L Tension headache. Reassure. Come back if worse / other symptoms / not resolving.

Also paronychia (L) index. Advice.

Dr Paul Miller

## Symptom

 History / symptoms c/o headache for 3 weeks, persistent getting worse. No postural worsening. No vomiting. No visual upset. Frontal. Stressed at work. Paracetamol not helping. FH Migraine.

Looks well, pulse 76 regular, afebrile.

S/L Tension headache. Reassure. Come back if worse / other symptoms / not resolving.

Also paronychia (L) index. Advice.

## Examination

 BP 130 / 76 at: 20:08.00 taken Sitting Cuff: Standard O/E - blood pressure reading

 Smoker Cigarettes: 20 Cigarette smoker

## Intervention

 Health ed. - smoking for Smoking



### Symptom

 16/11/2009 History / symptoms c/o headache for 3 weeks, persistent getting worse. No postural worsening. No vomiting. No visual upset. Frontal. Stressed at work. Paracetamol not helping. FH Migraine. Dr Paul Miller

### Examination

 16/11/2009 BP 130 / 76 at 22:51:00 taken Sitting Cuff: Standard O/E - blood pressure reading Dr Paul Miller

 16/11/2009 Examination / Signs looks well, pulse 76 reg, afebrile

Note also has paronychia (L) index - advice. Dr Paul Miller

 16/11/2009 Smoker Cigarette smoker Dr Paul Miller

### Diagnosis

 16/11/2009 Tension headache reassure, tcb if worse / persists. Dr Paul Miller

### Intervention

 16/11/2009 Health ed. - smoking for Smoking Dr Paul Miller

☐ [7] 16/11/09 **Surgery consultation** Dr Paul Miller

### Symptom

**H<sub>s</sub>** 16/11/2009 C/O - a headache c/o headache for 3 weeks, persistent getting worse. No postural worsening. No vomiting. No visual upset. Frontal. Stressed at work. Paracetamol not helping. FH Migraine. Dr Paul Miller

### Examination

**O** 16/11/2009 BP 130 / 76 at 22:49.00 taken Sitting Cuff: Standard O/E - blood pressure reading Dr Paul Miller

**H<sub>e</sub>** 16/11/2009 O/E patient well pulse 76 reg, no fever Dr Paul Miller

**P** 16/11/2009 Smoker Cigarettes: 20 Cigarette smoker Dr Paul Miller

### Diagnosis

**H<sub>d</sub>** 16/11/2009 Tension headache sounds like. Reassure. TCB if worse /other sympts / not resolving Dr Paul Miller

**H<sub>d</sub>** 16/11/2009 Paronychia of finger (L) Index, advice Dr Paul Miller

### Intervention

**🌿** 16/11/2009 Health ed. - smoking for Smoking Dr Paul Miller

Tension headache

Symptom

H<sub>S</sub> 16/11/2009 C/O - a headache paracet no use Dr Paul Miller

H<sub>S</sub> 16/11/2009 No vomiting Dr Paul Miller

H<sub>S</sub> 16/11/2009 No visual symptom Dr Paul Miller

H<sub>S</sub> 16/11/2009 Stress at work Dr Paul Miller

Examination

 16/11/2009 BP 130 / 76 at: 22:56.00 taken Sitting from Left Cuff: Standard O/E - blood pressure reading Dr Paul Miller

H<sub>e</sub> 16/11/2009 O/E patient well Dr Paul Miller

 16/11/2009 Smoker Cigarettes: 20 Cigarette smoker Dr Paul Miller

 16/11/2009 O/E - pulse rate 76 beats/min reg Dr Paul Miller

 16/11/2009 O/E - temperature normal = 37.2 degC Normal Dr Paul Miller

Diagnosis

H<sub>d</sub> 16/11/2009 Tension headache Dr Paul Miller

FH 16/11/2009 FH: Migraine of Migraine Dr Paul Miller

Intervention

H<sub>i</sub> 16/11/2009 Reassurance given Dr Paul Miller

H<sub>i</sub> 16/11/2009 Usual warning given Dr Paul Miller

 16/11/2009 Health ed. - smoking for Smoking Dr Paul Miller

Paronychia of finger

Diagnosis

H<sub>d</sub> 16/11/2009 Paronychia of finger (L) index Dr Paul Miller

H<sub>d</sub> 16/11/2009 Advice about treatment given Dr Paul Miller

# Too much typing?

Had a chat to patient

**Intervention**

H<sub>i</sub> 29/10/2001 Had a chat to patient Sore throat for 2 days. NAD on exam. Viral URTI. Reassure. Advice re paracetamol. fluids, time. Return if persists or significantly worse. Dr. Paul Miller

149  
keystrokes

Upper respiratory tract infection NOS

**Symptom**

H<sub>s</sub> 29/10/2001 Sore throat symptom Dr. Paul Miller

H<sub>s</sub> 29/10/2001 Symptom started days ago 2 days Dr. Paul Miller

**Examination**

H<sub>e</sub> 29/10/2001 Throat examination - normal Dr. Paul Miller

**Diagnosis**

H<sub>d</sub> 29/10/2001 Upper respiratory tract infection NOS Dr. Paul Miller

**Intervention**

H<sub>i</sub> 29/10/2001 Reassurance given Dr. Paul Miller

H<sub>i</sub> 29/10/2001 Advice about treatment given Fluids, paracetamol, time Dr. Paul Miller

H<sub>i</sub> 29/10/2001 Dr. Paul Miller

75 keystrokes

# Summary

- Flexible system
- Robust information model
  - SDAs
- Understand Read
- Use Formulary
- Use Keywords
- Learn the keyboard
- It's all your choice

