

PF 12.6 ECDS 6.2.3 Update

Admin changes

All ECDS settings have now been moved to a new ECDS Features tab in Administration. The settings on the left comprise of all the settings from previous releases of PatientFirst. On the right-hand side new settings have been added for the ECDS 6.2.3 update (see screenshot).

The screenshot displays the 'Administration A: MSS PF Demonstration Hospital' interface. The top navigation bar includes tabs for 'Control File', 'Interface Settings', 'User Admin', 'Printing Settings', 'GP Admin', 'Codes Maintenance', 'Document Print Setup', 'Version Control', 'SQL Scripts', 'Viewer Paths', and 'Task Menu'. Below this, a secondary navigation bar highlights 'ECDS Features' among other options like 'Hospital sites', 'Hospital Details', 'Default Values', 'Interface Options', 'Enable/Disable Features', 'Age Limits, Targets & Categories', 'Expects/Registration Field Control', 'Style Sheets', 'Advice Sheets', and 'Alcohol Au'.

The main content area is split into two panes. The left pane, titled 'ECDS Coding', contains sections for 'Enabled SNOMED Coding', 'SNOMED' (with checkboxes for 'Mandatory Chief Complaint', 'Enable Investigation/Treatment Times pop up', 'Injury information is mandatory when a patient is assessed to have an injury related Chief Complaint', 'Display Chief Complaint on Whiteboard (Mode 2)', 'Enable Safeguarding', and 'Mandatory Discharge Status'), 'Delimited File Output' (with fields for 'Group delimiter', 'Data item delimiter', and 'Repetition delimiter'), and 'ECDS File Output Settings' (with options for 'Encapsulate data items in double quotation marks' and 'Scheduled Service Settings').

The right pane, titled 'ECDS 6.2.3', contains several new settings:

- Mandatory 'Clinical Frailty Scale' (CFS) for age >= 65 years (1)
- Clinical Frailty Scale document name: clinical-frailty-scale.jpg (2)
- Mandatory 'Clinically Ready to Proceed' (3)
- Mandatory 'Injury Intent' and 'Injury Mechanism' (4)

 Below these is the 'ECDS File Output Settings 6.2.3' section:

- Enable 'Assault Location Description' to ecds output (5)
- Enable '6.2.3' to ecds output (6)

 The '6.2.3' section also lists 'Fields' (Clinically Ready to Proceed details, Care professional Clinical Responsibility Time, Expected Date of Treatment, Removal of Attendance Conclusion Date) and 'Data Groups' (Coded Score Assessment data group, Coded Clinical Observation data group).

1. **Mandatory 'Clinical Frailty Scale' CFS for age >= 'x' years.** The age that the CFS dropdown will display in Assessment is set year and defaults to 65. This can also be set as Mandatory if checking the checkbox (unchecked by default) and updating (See Clinical Frailty Scale section for more information)
2. **Clinical Frailty Scale document name.** This default's to clinical-frailty-scale.jpg which is placed in the Templates folder. (See Clinical Frailty Scale section for more information)
3. **Mandatory 'Clinically Ready to Proceed'.** Checking this setting will make the completion of the 'Clinically Ready to Proceed' field mandatory on discharge and is unchecked by default (See Clinically Ready to Proceed section for more information)
4. **Mandatory 'Injury Intent' and 'Injury Mechanism'.** Unchecked by default. Checking this setting will make Injury Mechanism and Injury Intent mandatory when saving the Injury Form.
5. **Enable 'Assault Description Location' to ecds output.** Unchecked by default. As this is a pilot field this setting has been added to enable/disable this information in the ECDS output (See Assault Description Location section for more information)

6. *Enable '6.2.3' to ecds output.* Unchecked by default. If this is deselected, then the ecds output generated will be the same as previous versions. If this is checked then the ecds output will contain the data required for the ECDS 6.2.3 update.

Clinical Frailty Scale

The ability to add the Clinical Frailty Scale for a patient has been added to Assessment, this will only be available if the patient meets the age criteria configured in Administration (default 65 years). This can also be made to be a mandatory field when saving the Assessment if the setting is checked in Administration.

Selecting the Clinical Frailty Scale button next to the dropdown will generate the file which is specified in Administration, on install there will be an image file provided but this can be changed to a file/image of your choosing.

The screenshot shows a patient assessment form for a patient with a presenting complaint of 'FEVER'. The form includes fields for Date of Birth (03/01/1956), Episode Number (21A00007), and NHS No. The Clinical Frailty Scale dropdown menu is open, displaying the following options:

- 1 - Very Fit : robust, active, energetic and motivated ...
- 2 - Well : no active disease symptoms but are less fit; active occasionally ...
- 3 - Managing Well : well controlled medical problems; not regular active ...
- 4 - Vulnerable : not dependant, symptoms limit activities ...
- 5 - Mildly Frail : more evident slowing; need help with high order IADLs ...
- 6 - Moderately Frail : help with outside activities; keeping house, bathing ...
- 7 - Severely Frail : complete dependence for personal care ...
- 8 - Very Severely Frail : Completely dependant, approaching end of life ...
- 9 - Terminally ill : life expectancy < 6 months who are not otherwise frail ...

If populated the CFS value will be displayed in Patient Information

The screenshot shows the Patient Information section of the assessment form. The Clinical Frailty Scale value is displayed as 'Clinical Frailty Scale: 4 - Vulnerable' and is highlighted with a red box. Other information visible includes:

- Last Observation Values:** Blood Pressure, Blood Glucose, Int. Cap. Refl., Acute confusion/reduced consc. lev., Glucose > 7.7 (mmol/l) no diabetes, Allergies, Suffers:
- Temperature:** Respiration, Sats O₂, M.A.P., Lactate (mmol/l)
- Heart Rate:** Weight, WCC (x10⁹/l), Sepsis High Risk
- Peak Flow:** NEWS2 Score, GCS, SIRS Status, Sepsis Status
- Staff Msg:**
- Clinical Details:** Chief Complaint: Ear : pain, Site, Diagnostic: Lobar pneumonia (Suspected diagnosis), Investigation: Peak expiratory flow, Treatment: Resuscitation / cardiopulmonary resuscitation, Specialty, Immunisations, Drugs, Patient Group: Medical Non-Trauma

And, in Patient Episode Details within the Clinical Information section

Patient Clinical Information
 Chief Complaint: Burn
 Triage Priority: Very urgent
 Diagnostic: Postviral fatigue syndrome (Suspected diagnosis)
 Investigation: Glucose
 Treatment: Infusion fluids
 Allergies:
 Specialty:
 Immunisations:
 Sufferers:
 Drugs:
 Patient Group: Medical Non-Trauma

Pain Score: 6
Site:

Clinical Frailty Scale: 3 - Managing Well

The CFS values have been added to Codes Maintenance and can be edited here if required.

Codes Maintenance

Expand Refresh

- (SNOMED) Accomodation Status (ACM)
- (SNOMED) Activity Treatment Function (ATF)
- (SNOMED) Acuity Codes (ACU)
- (SNOMED) Clinical Frailty Scale (CFS)
 - 1 - Very Fit : robust, active, energetic and motivated ... (CFS1)
 - 2 - Well : no active disease symptoms but are less fit; active occassionally ... (CFS2)
 - 3 - Managing Well : well controlled medical problems; not regulary active ... (CFS3)
 - 4 - Vulnerable : not dependant, symptoms limit activities ... (CFS4)
 - 5 - Mildly Frail : more evident slowing; need help with high order IADLs ... (CFS5)
 - 6 - Moderately Frail : help with outside activities; keeping house, bathing ... (CFS6)
 - 7 - Severely Frail : complete dependence for personal care ... (CFS7)
 - 8 - Very Severely Frail : Completely dependant, approaching end of life ... (CFS8)
 - 9 - Terminally ill : life expectancy < 6 months who are not otherwise frail ... (CFS9)
- (SNOMED) Coded Score Assessment Tool (CAT)
- (SNOMED) Complaint Codes (CMP)
- (SNOMED) Discharge Follow-up (DCF)
- (SNOMED) Discharge Status (DCS)
- (SNOMED) Interpreter Info Profession (AIP)
- (SNOMED) Interpreter Language (AIL)
- (SNOMED) Language Spoken (LAN)
- (SNOMED) Overseas Visitor Category (OVC)

Add Header Add Detail

Code: CFS1
 Description: 1 - Very Fit : robust, active, energetic and motivated ...
 Profile: 1 - Very Fit
 Discontinued Code:
 Equivalent Codes:
 Scale: 1
 Equiv Code 2:
 Equiv Code 3:
 Equiv Code 4:
 Equiv Code 5:
 Equiv Code 6:
 Equiv Code 7:
 Equiv Code 8:
 Equiv Code 9:
 SNOMED: SNOMED
 1129331000000101
 Group Codes:
 Level 1:
 Level 2:
 Level 3:
 Analysis Code: 0
 Ref Code:
 Path:

Clinically Ready to Proceed

The ability to mark a patient Clinically Ready to Proceed has been added to Clinical Information (R/C from the Whiteboard or Discharge). Checking the checkbox allows the date and time fields to be set (default to current date and time), these can not be set to a time before the patient’s arrival time. Also, the logged in user will be populated next to the date and time.

This can be made mandatory on Discharge if the Admin setting is checked, if Clinically Ready to Proceed is mandatory then the user will not be able to complete the discharge process until it has been checked and populated.

Injury Form - Assault Location Description and mandatory fields

The ability to make Injury Mechanism and Injury Intent mandatory in the Injury Form has been added to Administration, if this setting is unchecked then the Injury Form can be saved without populating these fields. If this setting is checked then it will be mandatory to populate these fields when saving the Injury Form. The user will be warned on saving if either field are not populated and the save will not be allowed. Completing these fields will allow the Injury Form to be saved.

The Assault Location Description text field has been added to the Assault Information section (enabled when selecting Apparent Assault from Injury Intent) and allows 255 characters. This should only be completed when the assault location is NOT a home or private address, as this could identify the patient.

As Assault Location Description is a pilot field in the ecds output, there is an admin setting 'Enable Assault Description Location' to ecds output' which is unchecked by default, switching this on will populate this data in the ecds output.

Expected Time of Treatment

Patient Expects has been changed to allow the user to set an Expected Date/Time, this time must be edited to be a future date/time. This date/time must be a future date/time when the user selects 'Add, otherwise a warning will be displayed, and the patient cannot be added.

Patient Expects

View for Expected Date: 20/01/2021 [calendar icon] [refresh icon] [View All] [New] [View A]

Status	Time	Name	DoB	Age	Complaint	Specialty	Arrive

Expected Date: 20/01/2021 [calendar icon] 09:18 [time icon]

GP Name: F4 Practice Name:

Surname: Forename:

DoB: (ddmmccyy) Title:

The Expected Date will also be displayed in Potential Expects on the Whiteboard

Expected Date	Maintenance Date
27/01/16 08:59	27/01/16 08:59
27/01/16 10:00	27/01/16 10:00
07/09/16 13:40	07/09/16 13:40
24/02/17 09:10	24/02/17 09:10
24/02/17 09:11	24/02/17 09:11

20 Jan 2021 00:32:43 Last Updated: 00:32:3

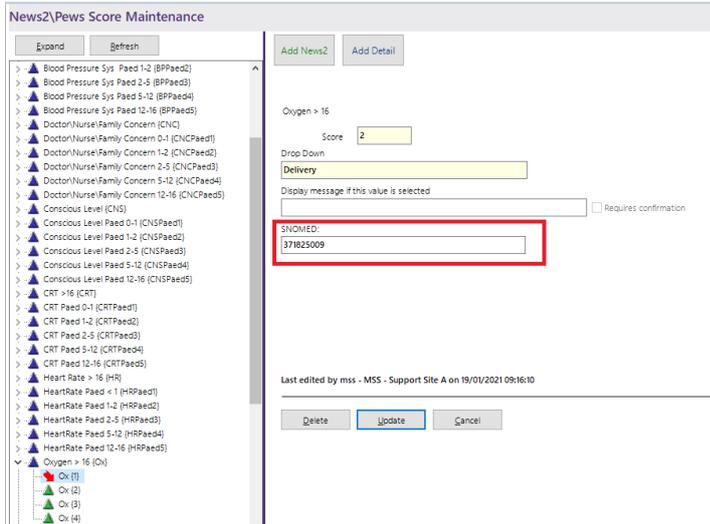
If an Expected Date has been entered via Patient Expects, then this will display on the patient's record in Patient Episode Details and PF Web

Care Professional Clinical Responsibility

There has been no new feature added to for Care Professional Clinical Responsibility, it has been assumed that this is the assigning of a Senior Clinician to a patient. This data has been added to the ecds output.

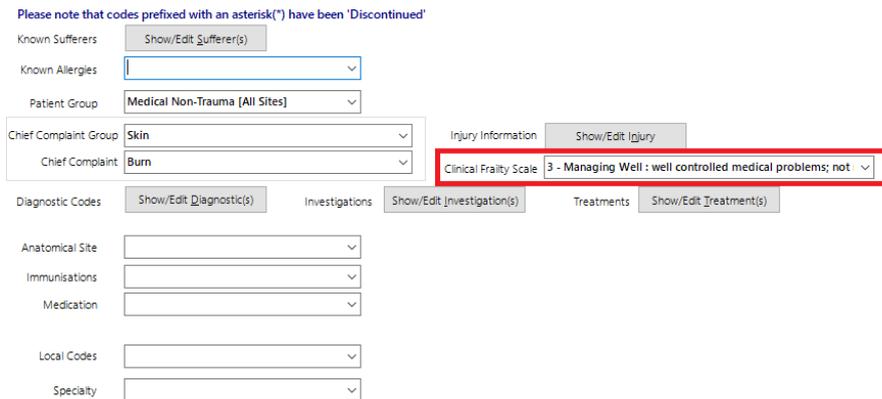
Codes Maintenance – NEWS2 Values

Snomed codes can now be added to the Oxygen (l/m) dropdown values in the NEWS2 configuration in Codes Maintenance. These Snomed codes are used for the Coded Clinical Findings section (Group 12) in the ecds output.



Clinical Coding

The ability to edit the Clinical Frailty Scale and Clinically Ready to Proceed data for discharged patients has been added to Clinical Coding. The Assault Location Description can also be edited via the Injury Form.



Attending Personnel				
Clinician	Doctor X	11/02/2021	16:38:59	
Senior Clinician		11/02/2021	16:16:42	
RAT Clinician		11/02/2021	16:16:42	
Triage Nurse	MSS Support	11/02/2021	16:34:48	Cat. 2
Handover Triage Nurse				
Consultant				
Consulted				
<input type="button" value="Edit Personnel History"/>				
Clin. Ready to Proceed	MSS Support	11/02/2021	16:39:43	

ECDS Output

An amended version of the CSV ECDS layout can be viewed separately to these release notes, please refer to this for full list of changes.

Main changes

- EXPECTED_TIME_OF_TREATMENT (Group 9) has been added.
- CODED_SCORED_ASSESSMENT (Group 10) has been added.
- CODED_CLINICAL_OBSERVATION (Group 11) has been added.
- CODED_CLINICAL_FINDINGS (Group 12) has been added.
- CARE_PROFESSIONAL_CLINICAL_RESPONSIBILITY_DATE_AND_TIME has been added to CARE_PROFESSIONALS (Group 16) (Senior Clinician)
- EMERGENCY_CARE_ATTENDANCE_CONCLUSION_DATE and EMERGENCY_CARE_ATTENDANCE_CONCLUSION_TIME have been removed from DISCHARGE_FROM_EMERGENCY_CARE (Group 21)
- CLINICALLY_READY_TO_PROCEED_DATE_AND_TIME has been added to DISCHARGE_FROM_EMERGENCY_CARE (Group 21)

Please note that the Snomed codes for CODED_SCORED_ASSESSMENT (Group 10) and CODED_CLINICAL_OBSERVATION (Group 11), have been hardcoded in PF.

Snomed Code updates

Some Snomed codes for ECDS v3 6.2.3 have been added to PF12.6, however some of the ETOS was not finalised at time of writing/development. Please refer to the excel file 'UpdatedSnomedCodes.xlsx', those codes marked in green have been added. **Those marked as yellow will need to be added by the Trust at a time when these codes have been finalised.**

Addition of EDU Segment to HL7 to retrieve School/Employer Details

The EDU segment has been added to the HL7 Send and Receive programs. This segment will populate school/employer details from the TIE and send school/employer from Patient Registration. The field size was also increased to cater for longer school names.

Generic Audit emails additional information

The following additional information has been added to generic audit emails.

- Address
- School/Employer
- GP Details

12.6 Bug Fixes

The following bug fixes are included in 12.6.

Component/s	Key	CRM ID	Trust	Create d	Release Notes Summary	Release Notes Description
Service Monitor	Bug-19242		Worcester	03/02/2021	In the Service Monitor, the WSDL File or URL Location field now allows 150 chars to be saved (ICE)	
Letters Batch Print	Bug-18908	365799	Basingstoke	13/08/2020	A new setting has been added to Letters Batch Print for GP Letters. The setting 'GP Stylesheet Override' once checked will allow the letter to be generated with the Site Default Stylesheet even if GP disposal code was used.	
GP Letter	Bug-18928		Worcester	25/08/2020	The GP Letter XML was displaying the Reception Code for Triage Nurse. This has now been fixed.	