

NATIONAL IMMUNOGLOBULIN DATABASE VERSION 5.4

WHAT'S NEW AT A GLANCE

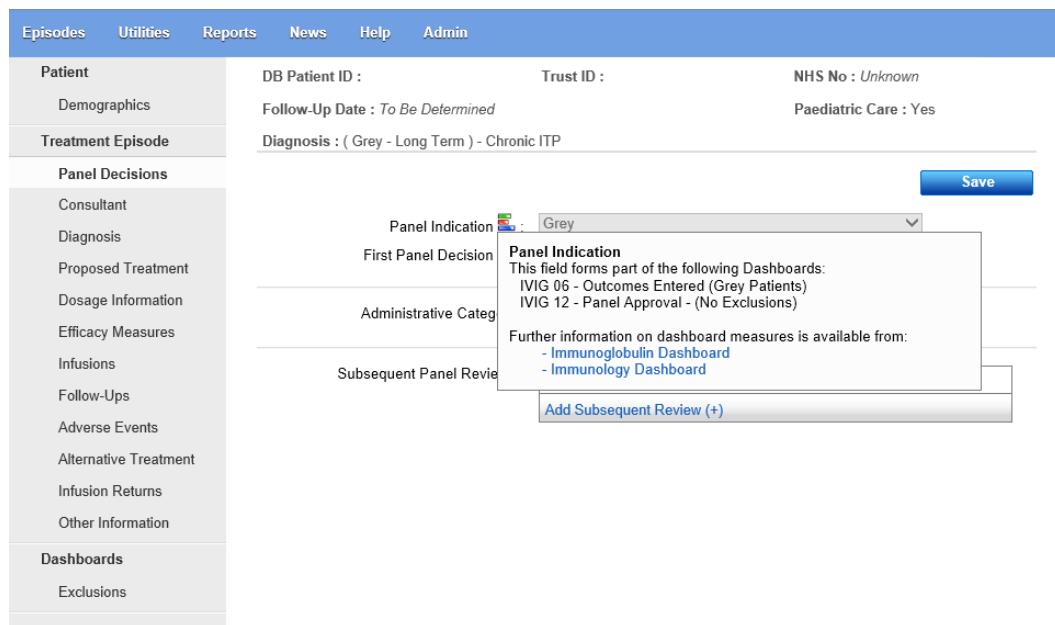
The Immunoglobulin Database Version 5.4 centres on changes to the Dashboards and the management of the behaviour of Treatment Episodes within the related Dashboard.

DASHBOARD REPORT UPDATES

The dashboard reports have been updated to improve performance and help improve usability with the ability to drill-through to the relevant Treatment Episode directly from the Dashboard.

In a Treatment Episode, fields that are used as part of the calculation of a Dashboard Measure are highlighted with a 

Hovering your mouse over the icon displays a list of the related Dashboard Measures for that field.



The screenshot shows the 'Panel Decisions' section of the database. On the left is a sidebar with links like 'Patient', 'Demographics', 'Treatment Episode', 'Panel Decisions' (which is currently selected), and 'Dashboards'. The main area shows patient details: DB Patient ID, Trust ID, NHS No (Unknown), Follow-Up Date (To Be Determined), and Paediatric Care (Yes). Under 'Treatment Episode', there's a 'Diagnosis' field set to '(Grey - Long Term) - Chronic ITP'. The 'Panel Indication' dropdown is set to 'Grey'. A tooltip for 'Panel Indication' explains its role in dashboards and lists 'IVIG 06 - Outcomes Entered (Grey Patients)' and 'IVIG 12 - Panel Approval - (No Exclusions)'. Below the dropdown, a link to 'Add Subsequent Review (+)' is visible. A 'Save' button is located at the top right of the form.

FIGURE 1 – PANEL DECISIONS SCREEN SHOWING THE RELEVANT DASHBOARD MEASURE FIELDS.

DASHBOARD EXCLUSIONS

Dashboard Measures can be separated into two concerns: management of patients and infusion of patients. Some hospitals may wish to exclude a Treatment Episode from Dashboard Measures because they are not relevant. For example, if a hospital does not manage the patient, they may not wish to include the Treatment Episode in the Dashboard Measures that are only relevant to managing patients.

Dashboard Measures relating to the management of patients are:

- PID 01 - Through Levels Recorded
- PID 03 - Patients On Homecare
- PID 04 - Homecare Patients with Accredited Training
- PID 15 - Annual Review documented
- IVIG 06 - Outcomes Entered (Grey Patients)
- IVIG 07 - Dose Review
- IVIG 10 - Retreated Short Term (No Exclusions)
- IVIG 11 - Outcomes Entered ST Red & Blue
- IVIG 12 - Panel Approval - (No Exclusions)
- IVIG 13 - Neurology Improvement
- IVIG 15 - Annual Review Documented

Dashboard Measures relating to the infusion of patients are:

- PID 05 - Infusions Recorded
- PID 09 - Adverse Events Documented
- IVIG 05 - Infusions Recorded
- IVIG 09 - Adverse Events
- IVIG 10 - Retreated Short Term (No Exclusions)
- IVIG 12 - Panel Approval - (No Exclusions)

To exclude a Treatment Episode from the Dashboard Measures, click on 'Exclusions' under the new Dashboards navigation section (fig 2).

The screenshot shows a web-based application interface for managing patient treatment episodes. At the top, there's a blue header bar with tabs: Episodes, Utilities, Reports (which is selected), News, Help, and Admin. Below the header, on the left, is a vertical sidebar menu with several categories: Patient, Demographics, Treatment Episode, and other medical details like Panel Decisions, Consultant, Diagnosis, Proposed Treatment, Dosage Information, Efficacy Measures, Infusions, Follow-Ups, Adverse Events, Alternative Treatment, Infusion Returns, and Other Information. The 'Treatment Episode' category is currently expanded. At the bottom of this sidebar, there are two buttons: 'Dashboards' and 'Exclusions', with 'Exclusions' being highlighted by a yellow rectangular box. The main content area contains various input fields and dropdown menus for patient information. At the top right of this area is a blue 'Save' button. The fields include: DB Patient ID, Trust ID, NHS No (Unknown), Follow-Up Date (To Be Determined), Paediatric Care (Yes), Diagnosis (Grey - Long Term) - Chronic ITP, DB Patient ID, * Trust ID, NHS Number (with a checked checkbox for 'NHS No unknown'), Date First Seen, * Date Of Birth (06/01/2000), * Gender (Male selected), Height (1.82 m), Weight (85 Kg), Status (Current Status: No current follow-up entry), General Practice (GP Practice Code, Not Registered With GP checked, PCT, CCG), and Transfer (Transferred From: Trust, Overseas, Other, Transferred In Date). The 'Exclusions' button in the sidebar is also highlighted with a yellow box.

FIGURE 2 - NEW MENU ITEM: DASHBOARD EXCLUSIONS

The Exclusions page (shown in fig 3) asks two questions:

- Patient is managed at your hospital? (Yes or No)
- Patient is infused at your hospital? (Yes or No)

Selecting 'No' in answer to the question 'Patient is managed by your hospital?' will exclude the Treatment Episode from the Dashboard Measures that relate to the management of patients (see above). The 'Exclude' checkbox will be ticked for the affected Measures within the listing of relevant Dashboard Measures.

Similarly, selecting 'No' in answer to the question 'Patient is infused by your hospital?' will exclude the Treatment Episode from the Dashboard Measures that relate to the infusion of patients (see above). The 'Exclude' checkbox will be ticked for the affected Measures within the listing of relevant Dashboard Measures.

The Treatment Episode will only be excluded from the Measures selected once the 'Save' button has been pressed.

If a patient has multiple active Treatment Episodes, each Treatment Episode must be excluded from the Dashboard Measures independently. You cannot exclude all active Treatment Episodes for a patient at once.

The screenshot shows a web-based application interface for managing treatment episodes. The top navigation bar includes links for Episodes, Utilities, Reports, News, Help, and Admin. The main content area is divided into sections for Patient Demographics, Treatment Episode details, and a central panel for managing exclusions.

Patient Demographics: DB Patient ID: [redacted], Trust ID: [redacted], NHS No: Unknown, Paediatric Care: Yes. Follow-Up Date: To Be Determined.

Treatment Episode: Diagnosis: (Grey - Long Term) - Chronic ITP.

Exclusion Status: A box contains the message: "All exclusion selections are audited."

Exclusion Questions: Patient is managed by your hospital? (radio buttons: Yes, No) and Patient is infused by your hospital? (radio buttons: Yes, No). Both questions have a blue information icon (i).

Save Button: A blue "Save" button is located to the right of the exclusion questions.

Customise Exclusions: A checkbox labeled "Customise Exclusions" is present.

Listed Measures: A table lists dashboard measures and their exclusion status:

Dashboard Measure	Exclude
IVIG 05 - Infusions Recorded	<input type="checkbox"/>
IVIG 06 - Outcomes Entered (Grey Patients)	<input type="checkbox"/>
IVIG 07 - Dose Review	<input type="checkbox"/>
IVIG 09 - Adverse Events	<input type="checkbox"/>
IVIG 12 - Panel Approval - (No Exclusions)	<input type="checkbox"/>
IVIG 15 - Annual Review Documented	<input type="checkbox"/>

Further Information: Further information on dashboard measures is available from:
- [Immunoglobulin Dashboard](#)
- [Immunology Dashboard](#)

FIGURE 3 - THE DASHBOARD EXCLUSIONS SCREEN

CUSTOMISE EXCLUSIONS

A custom option is provided to allow you exclude the Treatment Episode from individual Dashboard Measures. You may use this option if you need to override the automatic selections provided by the two questions above.

To customise the Dashboard exclusions for a Treatment Episode, check the 'Customise Exclusions' option. When performing customised exclusions, the questions 'Patient is managed by your hospital?' and 'Patient is infused by your hospital?' are locked; any Measures that have been automatically excluded by these questions will remain checked but will be editable, allowing you to change the option.

When using the customise option, you must provide a valid reason for customising the exclusions before the exclusions will be applied. You will be asked to provide a reason when clicking the 'Save' button.

PRIVATE PATIENTS

Private patients are currently excluded from all Dashboard Measures. If the 'Administrative Category' on the Panel Decisions tab is set to 'Private' (as shown in fig 4), the Treatment Episode will be excluded from all Dashboard Measures. You cannot override this exclusion through the Exclusions screen.

The screenshot shows a software interface for managing treatment episodes. At the top, there's a blue header bar with tabs: Episodes, Utilities, Reports, News, Help, and Admin. Below this is a main content area divided into sections. On the left, a vertical sidebar lists categories: Patient, Demographics, Treatment Episode (which is expanded), Panel Decisions (also expanded), Dashboards, and Exclusions. The Treatment Episode section contains fields for DB Patient ID, Trust ID, NHS No (Unknown), Follow-Up Date (To Be Determined), Paediatric Care (Yes), and Diagnosis (Grey - Long Term - Chronic ITP). Under Panel Decisions, there are dropdowns for Panel Indication (Grey) and First Panel Decision. A yellow box highlights the 'Administrative Category' dropdown, which is set to 'Private'. Below this, a box for Subsequent Panel Reviews indicates 'No subsequent panel reviews for this episode.' and a link to 'Add Subsequent Review (+)'. At the bottom right of the main area is a blue 'Save' button.

FIGURE 4 - ADMINISTRATIVE CATEGORY

DASHBOARDS AND THE CARE DEPARTMENT

If a Treatment Episode has a Speciality of Immunology and a Care Department of Immunology (or no Care Department is specified), it will be counted under the Immunology Dashboard. If the Care Department is set to an option other than Immunology, it will be counted under the Immunoglobulin Dashboard. All other Treatment Episodes are counted under the Immunoglobulin Dashboard.

DOSAGES

If a patient's dosage has not changed, a dosage review must be provided, you can indicate this by clicking 'Add Review With No Dose Change (+)', and complete by entering the review date (as shown in fig 5).

The screenshot shows a software application window titled 'Dosages'. On the left, there is a sidebar with various menu items: Patient, Demographics, Treatment Episode, Panel Decisions, Consultant, Diagnosis, Proposed Treatment, Dosage Information, Efficacy Measures, Infusions, Follow-Ups, Adverse Events, Alternative Treatment, Infusion Returns, Other Information, Dashboards, and Exclusions. The 'Treatment Episode' section is currently selected.

In the main area, there are fields for 'DB Patient ID :', 'Trust ID :', 'NHS No : Unknown', 'Follow-Up Date : To Be Determined', and 'Paediatric Care : Yes'. Below these, a 'Diagnosis' field contains '(Red - Long Term) - Primary immunodeficiencies (PID)'. A 'Save' button is located to the right of the diagnosis field.

Under 'Dosage Type', there are two radio buttons: 'Replacement' and 'Immunomodulatory'. A dropdown menu labeled 'Proposed Product' is shown. A table titled 'Dosages' lists one entry: 'Edit' (pencil icon), 'Date' (28/01/2016), 'Dose' (12 grams Every 2 Day(s) For 4 Day(s)), 'Total Dose' (24), and 'Delete' (trash icon). An 'Add Dose Change (+)' button is located at the bottom of this table.

A modal dialog box titled 'Review Dose' is displayed. It contains fields for 'Review Date' (with a date picker icon), 'Proposed Dose' (12 grams), 'Every' (2 Day(s)), and 'For' (4 Day(s)). At the bottom of the dialog are 'Save' and 'Cancel' buttons.

FIGURE 5 – DOSAGE REVIEW

It is now possible to edit and delete dosages. The question 'Is this a dose reduction and/or increased dosing interval?' has been removed.

PATIENT TRANSFER

When transferring a patient into your hospital you can indicate if the patient has transferred in from a Trust, overseas or other (as shown in fig 6).

The screenshot shows a web-based application for managing patient transfers. At the top, a blue header bar contains links for Episodes, Utilities, Reports, News, Help, and Admin. Below the header, a sidebar on the left lists various patient-related sections: Patient, Demographics, Treatment Episode, Panel Decisions, Consultant, Diagnosis, Proposed Treatment, Dosage Information, Efficacy Measures, Infusions, Follow-Ups, Adverse Events, Alternative Treatment, Infusion Returns, and Other Information. Under Treatment Episode, the 'Diagnosis' section is currently selected, showing the text '(Red - Long Term) - Primary immunodeficiencies (PID)'.

The main content area is titled 'Patient' and contains fields for DB Patient ID, Trust ID, NHS No, Follow-Up Date (set to 'To Be Determined'), Paediatric Care (set to 'Yes'), and a red underline indicating the diagnosis field. A 'Save' button is located at the top right of this section.

Below the main patient details, there are sections for 'Patient' (containing DB Patient ID, Trust ID, NHS Number, Date First Seen, Date Of Birth, Gender, Height, and Weight), 'Status' (containing Current Status set to 'Continuing Treatment'), 'General Practice' (containing GP Practice Code, PCT, and CCG dropdowns), and 'Transfer' (containing Transferred From options: Trust, Overseas, Other, and Transferred In Date). The 'Overseas' option is selected in the 'Transferred From' section, which is highlighted with a yellow border.

FIGURE 6 – PATIENT TRANSFER

OTHER

Enhancement	Comment
Follow-Up – Added Treatment Status 'Treatment Not Started'	
Allow modification of completed Treatment Episodes	
Suggestions listing	A complete list of suggestions from users regarding the National Immunoglobulin Database is now available the Help section.