



# E-Consent

Release 1.11.0

## Release Notes



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## Document Control

|                       |  |                |                                |
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# 1 Introduction

## 1.1 Purpose

This document will outline the functional changes made to this release. It will detail any new features, enhancements to existing functionality and list changes made due to existing functionality not working as expected.

## 1.2 Audience

This document is primarily for external stakeholders, so they have a clear understanding of what has changed within the application's functionality, installation procedures and dependencies compared to previous releases.

Other information about this release may be available through training materials and help files which are beyond the scope of this document.

## 1.3 Previous Release

The previous release of this product was as follows:

|          |           |
|----------|-----------|
| Version: | 1.10.0    |
| Date:    | 27/Jun/24 |



## 2 Functionality added in this release

The following features and enhancements are included in this release:

### 2.1 Add patient banner to medical form editor

Previously when generating a medical form the patient banner was not shown at the point of data entry. This is now shown in the same fashion as for a consent.

**Name GREEN, ALEXANDER (Mr)** **Born 25-Aug-1999 (25y)** **Gender Male** **NHS number 902 432 0852** **Hospital number B00008150**

any queries answered.

Have you viewed the information video?

Have you received an information leaflet?

Have your queries been answered?

### 2.2 Whole Patient Record Redaction

Supervisors now have the option to redact patients who wish their record to be removed from general access. A user with the appropriate permission can access the **Patient Records** option in the admin app. Here a patient can be searched for and the **Redact patient record access** toggle selected. This will remove the patient from search results and prevent them being accessed via context launch from an integrated product. The setting can only be reversed by an admin user with the appropriate permission.

**Name GREEN, ALEXANDER (Mr)** **Born 25-Aug-1999 (25y)** **Gender Male** **NHS number 902 432 0852** **Hospital number B00008150**

**Redact patient record access** - When checked, this will prevent patient record access via the eConsent search or direct launch in context from EPR.

**Patient forms**

Consent summary entries which are ticked below will not appear on the patient summary list. The summary record will show that there are hidden entries.

**REDACT ALL** **CLEAR ALL REDACTIONS**

| Redacted                 | Form Name / Procedure List             | Created on  | Status                        | Clinician  | Type         |
|--------------------------|--|-------------|-------------------------------|------------|--------------|
| <input type="checkbox"/> | CT guided percutaneous biopsy of liver | 28-Aug-2024 | Awaiting confirmation         | TEST USER  | Consent Form |
| <input type="checkbox"/> | Arthroscopy of knee                    | 17-Jun-2024 | Awaiting confirmation         | TEST USER  | Consent Form |
| <input type="checkbox"/> | Procedure                              | 22-Dec-2023 | Medical form completed status | AUTO TEST6 | Consent Form |



## 2.3 Partial Patient Record Redaction

Supervisors now have the option to redact specific consent or medical form entries for patients who wish for their record to be partially redacted. A user with the appropriate permission can access the **Patient Records** option in the admin app. Here a patient can be searched for and their medical record entries reviewed and those required for redaction selected from the list. The user can also un-check currently redacted items.

**Patient forms**

Consent summary entries which are ticked below will not appear on the patient summary list. The summary record will show that there are hidden entries.

| Redacted                            | Form Name / Procedure List             | Created on  | Status                        | Clinician  | Type         |
|-------------------------------------|--|-------------|-------------------------------|------------|--------------|
| <input checked="" type="checkbox"/> | CT guided percutaneous biopsy of liver | 28-Aug-2024 | Awaiting confirmation         | TEST USER  | Consent Form |
| <input checked="" type="checkbox"/> | Arthroscopy of knee                    | 17-Jun-2024 | Awaiting confirmation         | TEST USER  | Consent Form |
| <input type="checkbox"/>            | Procedure                              | 22-Dec-2023 | Medical form completed status | AUTO.TEST6 | Consent Form |

Once entries have been redacted the patient summary screen will indicate that there are hidden entries but the user will not be able to view these.

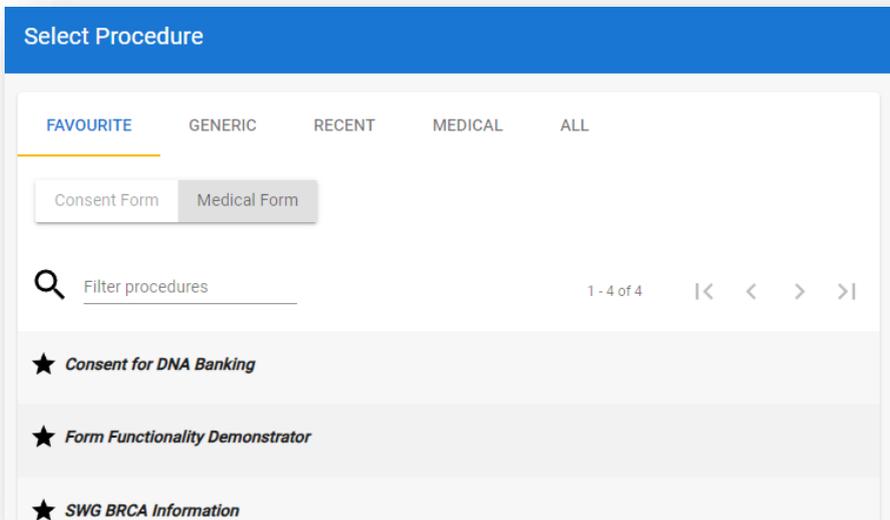
Gender **Male**      NHS number **902 432 0852**      Hospital number **B00008150**

Use high contrast forms     View cancelled forms    Page 1 of 4    < > < >

*This record has hidden entries*

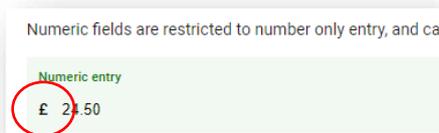
## 2.4 Option to add Medical Forms to favourites

Medical forms can now be selected as "Favourites" from the selection pane by toggling the star icon ★ to the left of the form name. Users accessing the favourites tab when creating a new entry can toggle between favourite consent forms and favourite medical forms.

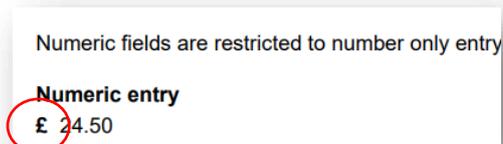


## 2.5 Include prefix and/or suffix on PDF template

Prefix and suffix symbols were showing on digital medical form but were not being rendered on the PDF view. This has been rectified.



Data entry form

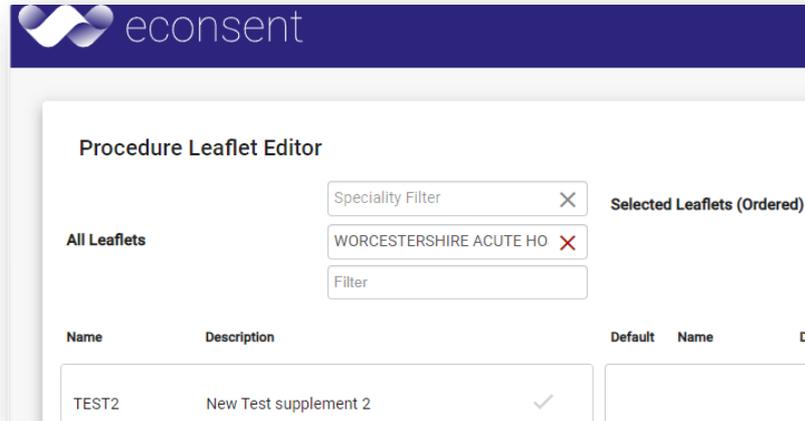


PDF Output



## 2.6 Add option to sort leaflet by Organisation

Patient Information Leaflets can now be tagged with an organisation on the **Master Template** admin tool and then filtered by organisation when searching in the **Procedure Editor**. Leaflets which have *not* been tagged with an organisation will still appear in the selection list by default.



## 2.7 Change Procedure Editor UI to allow drag and drop

For procedures with long lists of risks, benefits etc. in the procedure editor, it was potentially time consuming to select and then scroll down to the bottom of the selected list to reposition. The **Procedure Editor** UI has now been updated to replace the select control with drag and drop which significantly decreases the time involved.

## 2.8 Allow adjacent section headings with no risk content

Current functionality meant that it was not possible to have two adjacent risk section headings without at least one risk listed between them (the system stripped out the top heading when saving). Risk section headings can now have a header and footer value to allow adjacent risks to be displayed.



**Edit Risk Section**

Section name  
New Risk Section Header One

---

Section description  
New section description one

---

Header  
Header entry

---

Footer  
Footer entry

---

Cancel Save

**Selected Risks (Ordered)** [Add section break](#)

| Default                             | SNOMED Code | Description                        |   |
|-------------------------------------|-------------|------------------------------------|---|
|                                     |             | Header entry                       |   |
|                                     |             | <b>New Risk Section Header One</b> | ✗ |
|                                     |             | Footer entry                       |   |
| <input checked="" type="checkbox"/> | 113004      | test                               | ✗ |
| <input checked="" type="checkbox"/> | 101000      | Some test risk                     | ✗ |

## 2.9 Option to link one or more specialties to a Medical Form

One or more specialities can now be linked to a medical form. By linking a speciality that medical form is filtered in the selection list so that only clinicians with that speciality are able to select it.

Specialties are linked to a medical form in the admin app via the **Medical Forms** button. Clicking the ★ icon to the right of the required form will allow the user to select linked specialties - a counter on the icon indicates the number currently linked.

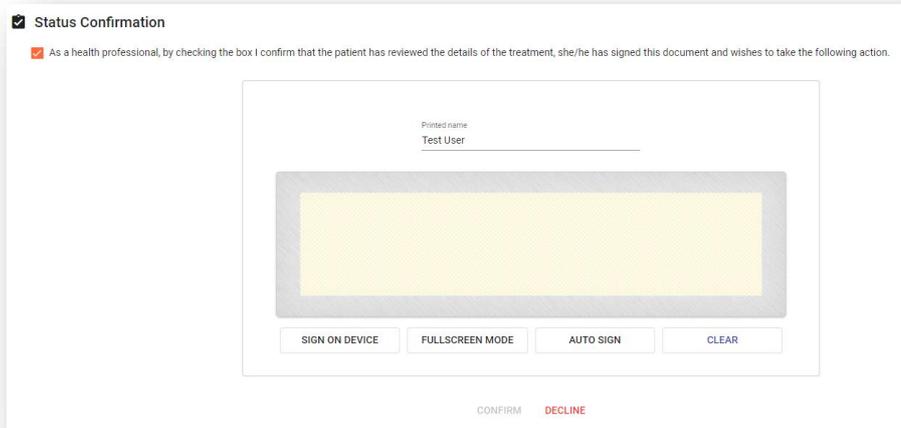
**Medical forms being used**

| Name                            | Status  | Actions              | Auto complete              | Filter |
|---------------------------------|---------|----------------------|----------------------------|--------|
| Appendix B Informed Assent Form | Enabled | <span>Disable</span> | <span>Auto complete</span> |        |
| Consent for a Genomic Test      | Enabled | <span>Disable</span> | <span>Auto complete</span> |        |

Forms which have one or more specialties linked will be automatically hidden for users who do not have that specialty when selecting from the medical form list. Forms that are not linked to any specialties will continue to be available to all users with permissions to access medical forms.

## 2.10 Status Confirmation Pop-up Changed

The status confirmation UI has been improved to replace the pop-up box for confirmation signature with an inline version.



## 2.11 Amendments to Consent Summary Icons

Minor changes to improve the consent summary UI.

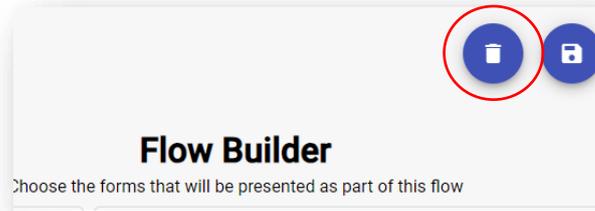
The **NEW** tag was previously applied to the most recent consent episode but was not time-limited and could therefore be misleading. This has now been removed.

Form icons are now colour coded to match the colour of the font indicating status (**Confirmed**, **Cancelled**, **Completed** or **Awaiting Confirmation**).

| Icon | Date        | Treatment  | Laterality | Clinician              | Status                |
|------|-------------|--|------------|------------------------|-----------------------|
|      | 29-Aug-2024 | Transrectal ultrasound guided biopsy of prostate | Left       | Consultant - Test User | Cancelled             |
|      | 29-Aug-2024 | CT guided Biopsy of kidney                       | N/A        | Consultant - Test User | Completed             |
|      | 29-Aug-2024 | CT guided percutaneous biopsy of liver           | N/A        | Consultant - Test User | Awaiting Confirmation |
|      | 11-Jan-2024 | Blood Transfusion                                |            | Consultant - Test User | Confirmed             |

## 2.12 Option to delete workflow

It is now possible to delete a workflow once it has been added via the **Flow Builder** screen in the **Flows** section of the admin app.



## 2.13 Option to Disable Completed Consent Checkbox

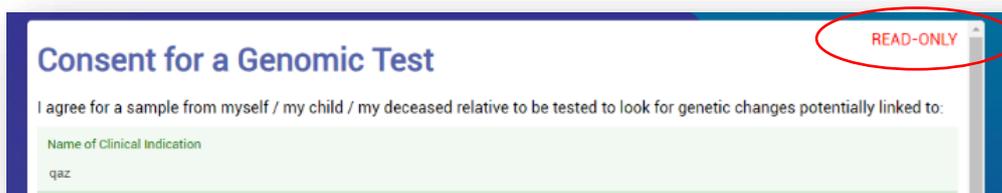
It is now possible to set an option in the application settings that will hide the option to select the optional **Completed** checkbox for **Confirmed** consent forms. This will mean that the consent workflow will end with the form reaching the Confirmed status without the option to mark as completed. Consents previously marked as Completed will be *unaffected* by this change.

The option is set at an organisation level and will affect all users.

## 2.14 Change patient portal to show completed medical form

Previously when a patient accessed a medical form through the patient portal with the option to remotely update the medical form, they were given the option to **SAVE**, which updated the form within eConsent. However, this action also prevented the patient reviewing the form content again until it had been confirmed by the Trust.

The patient can now view the saved form as read-only. This will show until the trust has marked the form as completed. After the medical form is marked as complete at the Trust the PDF download will become available as before.



## 2.15 Add COMPLETED Procedure Status to Analytics report

The **Consent Form Usage and Breakdown** report in the analytics tab had not been updated to include consents that had been marked as **Completed**. Completed consents are now included in the report.



## 2.16 Push PDF to EPR when CONFIRMED is changed to CANCELLED

For a Trust set up with EPR integration, a consent form or medical form that is marked as CONFIRMED will be sent to the PAS/EPR system as a PDF copy via an HL7 MDT message. Now that there is an option to retroactively cancel the confirmed status the updated form is now also pushed to the EPR so that the most relevant form is shown in the patient timeline.

Consent forms that were CONFIRMED and then get CANCELLED will now be resent to the message queue.

When a cancelled form is resubmitted, the PDF will show the CANCELLED watermark and the payload will contain one of the following tab categories which should be reflected in the EPR record:

- cancelledMedicalForm
- cancelledConsentForm



The effect will be that the patient EPR contains two consent forms, with the most recent showing as cancelled.

Consent forms that are CANCELLED in eConsent without first being CONFIRMED will not be sent to the EPR, as per previous functionality.



### 3 Fixes to existing functionality in this release

The following fixes are included in this release:

#### 3.1 Checkboxes on Medical Forms not displaying on PDF (Review/Download)

Display rules on a select data point are causing the target to show by default on the electronic medical form. But is being hidden correctly on the PDF output.

This is a bug whereby a NULL entry in the checklist which determines if the fragment containing the checkboxes is shown causes them to be displayed. The PDF is therefore rendering correctly - it is the UI at fault.

| Expected behaviour     | Actual               |
|------------------------|----------------------|
| <NULL> Hide fragment   | <NULL> Show fragment |
| None Hide fragment     | None Hide fragment   |
| Mild Show fragment     | Mild Show fragment   |
| Moderate Show fragment | Severe Show fragment |

*Resolution:*

Added a blank state for data points that haven't been answered  
Display rules on a select data point will now default to hidden if the value is null (No value selected)

#### 3.2 Locally completable only form data is not rendering on saved/returned patient form

Occurs when a form containing data points set to Locally Completed Only which have already been filled in is sent via Email link to a patient. The saved patient data when completed and returned to hospital is saved as a completely new version of the form, with the result that the returned form does not render the previously completed data when viewed - this data is saved as a previous version instead.

*Resolution:*

When saving a form remotely, all local Only data points will persist from the latest version of the medical form in the DB.

#### 3.3 Patient search using NHS format number on patient records not accepted (AdminApp).

Search returns "No patients were found with this criteria" using NHS Format Number.

**NHS Format Number** (NHS Number is made up of 10 digits in a **3-3-4** format, shown like this: **902 424 1359** (this is an example number only)

*Resolution:*

Updated logic based on the patient search in the e-consent front end.



### 3.4 User can have multiple signatures on the signature pad field

It is possible for user to have multiple signatures at once using both Wacom device as well as Desktop app by first Auto Signing, checking and unchecking the signature box on a single sign-on.

*Resolution:*

When the user checks/unchecks the checkboxes to show/hide the signature pads when generating a consent form, the signature pad will be cleaned up, preventing the same pad to have multiple signatures.

### 3.5 Cancelled watermark not showing on a cancelled medical form PDF

After a medical form has been cancelled, the downloaded pdf should contain the cancelled watermark

*Resolution:*

- The cancelled watermark will now be show when downloading a PDF medical form that has been cancelled



## 4 Known issues

The following issues have been identified during testing of this release.

These issues have been risk-assessed and have been accepted within this release. They may be addressed in a future release of the product.

Note that, as this is an internal document, there is full disclosure of all found issues. Discretion may be used in determining which of these to share with end users.

### 4.1 User can't enter the Witness/Interpreter name after uploading the signature

Jira Reference: [ECON-2806](#)  
Current status: *Open*  
Affected version: *1.11.0*  
Fix version: *1.12.0*

When editing a consent form, if the user uploads the signature of a Witness/Interpreter without informing the printed name first, after the upload is finished, the user won't be able to add the names

### 4.2 Multiple signatures are possible via Fullscreen Mode with WACOM signature device

Jira Reference: [ECON-2896](#)  
Current status: *Open*  
Affected version: *1.11.0*  
Fix version: *1.12.0*

User can have multiple signatures on any procedure form by first clicking on Fullscreen Mode button to Sign the pad, confirm it and then Sign again on the normal screen mode.

### 4.3 Combined procedures duplicate alternatives

Jira Reference: [ECON-2908](#)  
Current status: *In Progress*  
Affected version: *1.7.0, 1.7.1, 1.8.0, 1.9.0, 1.10, 1.11.0, 1.9.1*  
Fix version: *1.12.0*

When selecting more than one procedure with identical pre-defined alternatives these are duplicated. If an alternative is present in two or more combined procedures it should only appear once on the electronic form.



## 4.4 WACOM - User can bypass signing on Signature DEVICE on any Procedure Forms

Jira Reference: [ECON-2931](#)  
Current status: Open  
Affected version: 1.11.0  
Fix version: 1.12.0

It is possible for user to bypass signing on Signature DEVICE by only clicking on OK on the device and the Procedure Form will accept it blank.

## 4.5 Consent Email Field Validation Error

Jira Reference: [ECON-2933](#)  
Current status: Open  
Affected version: 1.9.0, 1.10, 1.11.0  
Fix version: 1.12.0

Send Email button activates when there is validation error on Consent Email fields.

## 4.6 Consent Email triggers Regeneration Error

Jira Reference: [ECON-2934](#)  
Current status: Open  
Affected version: 1.10, 1.11.0  
Fix version: 1.12.0

User sees a "Regeneration error" when the length of space in the email field hides the address though the SEND EMAIL is active.



## 5 System Requirements and Supported Platforms

See attached Magentus Warranted Environment Specification v2.6



Magentus  
Warranted Environn