



EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Medical Literature Monitoring by EMA

Changes to the MLM Service

Training module EV-M7

An overview of the changes for stakeholders using the MLM Service that will arise as a result of the changes to EudraVigilance





Content Summary

- Introduction
- Changes to case format
- Changes to accessing the cases
- Converting MLM ICSRs to R2
- Simplified reporting
- What will NOT change
- Summary



Version 1.0



- Introduction
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Introduction

- This session is intended for Marketing Authorisation Holders who use the EMA's MLM Service
- The session explains what will and will not change as a result of the upgrade to the EudraVigilance system
- To get the best out of this session, you should already be familiar with the MLM service and the data provided
 - Information on the MLM service is available from the [MLM webpage](#), which contains [this training video](#)



Introduction: Learning Objectives

- At the end of this module participants will have an understanding of:
 - Changes to the case format
 - Changes to accessing the cases
 - Converting MLM ICSRs to R2
 - What will not change



- Introduction
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Changes to case format

- This section explains the changes to the format of the cases that are produced by the MLM Service:
 - What the current format is
 - What the new format will be
 - Why the format will change
 - How you will be affected



Changes to case format

- MLM Service cases are created using EVWEB
- The current (pre-November 2017) version of EVWEB is based on ICH E2B(R2)
- The new (post-November 2017) version of EVWEB will be based on ICH E2B(R3) in order to maintain compliance with the 2010 pharmacovigilance legislation
- Further details on the changes to the case format can be found in training module Implementing ISO ICSR/ICH E2B(R3): Impact on adverse reaction reporting (PhV-M2a)
 - [Slides](#)
 - [Video](#)



Changes to case format

- The MLM service ICSRs are created in EVWEB & because EVWEB will be based on the E2B(R3) format,
- therefore, all ICSRs created by the MLM Service after the new system goes live will be in ICH E2B(R3) format
- If you download MLM service ICSRs and save them in your own database, then you will need to either upgrade your database to R3 or convert the ICSRs to R2 format before loading them
 - Converting ICSRs from R3 to R2 is covered later in this presentation



Changes to case format – Take Away

- In this section we have covered:
 - What the current format is
 - What the new format will be
 - Why the format will change
 - How you will be affected



- Introduction
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Changes to accessing the cases

- This section explains the changes to accessing the cases that are produced by the MLM Service:
 - What the current methods of accessing the cases are
 - What the new methods of accessing the cases will be
 - How the changes will affect you




Changes to accessing the cases

- The current methods of accessing MLM service cases are as follows:
 - ICSR Export Manager
 - EVWEB MLM export section

Changes to accessing the cases – current method

- ICSR Export Manager



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Eudragilance ICHCSR Export Manager

Filters [Save Filters](#) [Load Filters](#)

Click the filter name to display / hide the filter.
The filter name is highlighted once a selection is made.
The selection will be filtered on only when it is highlighted in the list.

pdasep (AAA)
HUMAN PRODUCTION V. 7.11.5.1

Active Substance Group

Active Substance Combination

Start Date*

Official Receive Date (Date the ICSRs were entered into EV)

End Date*

Official Receive Date (Date the ICSRs were entered into EV)

Country of Occurrence

Country of Occurrence (Groups)

Dosage Form

Active Filters Click on the name of the filter to disable/enable it.

Request Name

Initial Case

Count

Request Name	Size	Status	
Requested on 18/03/2015 16:18, ICHCSR	3 (3 KB)	Completed	<input type="button" value="Download"/> <input type="button" value="Archive"/>
allcountries5only (on 18/03/2015 12:53), ICHCSR	5 (3 KB)	Completed	<input type="button" value="Download"/> <input type="button" value="Archive"/>
3-18march59records (on 18/03/2015 12:23), ICHCSR	59	Cancelled	
3-18march59records (on 18/03/2015 12:23), ICHCSR	59 (186 KB)	Completed	<input type="button" value="Download"/> <input type="button" value="Archive"/>
KO_Cntry,dosform&com (on 18/03/2015 11:09), ICHCSR	3 (3 KB)	Completed	<input type="button" value="Download"/> <input type="button" value="Archive"/>



Changes to accessing the cases – current method

- ICSR Export Manager
 - Optimised for downloading batches of cases
 - Cases can be immediately loaded into PV databases
 - Filters can be saved for repeated use
 - Limited number of searchable fields
 - Not including searching by case number
 - Cases available the day after transmission

Changes to accessing the cases – current method

- EVWEB MLM export section

Description	Name/Value
Reaction System Organ Class (Matches)	<input type="checkbox"/>
Outcome	<input type="checkbox"/>
Safety Report ID (Matches)	<input type="checkbox"/>
Safety Report Version (Matches)	<input type="checkbox"/>
Report Type	<input type="checkbox"/>
Sender Identifier (Matches)	<input type="checkbox"/>
Results in death ?	<input type="checkbox"/>
Caused/Prolonged Hospitalization ?	<input type="checkbox"/>
Disabling/Incapacitating ?	<input type="checkbox"/>
Congenital Anomaly ?	<input type="checkbox"/>
Other medically important condition ?	<input type="checkbox"/>
Report Classification	<input type="checkbox"/> Not Classified ()
Report Correctness	<input type="checkbox"/>
Case Correctness	<input type="checkbox"/>
Case type	<input type="checkbox"/>
Case number (Matches)	<input checked="" type="checkbox"/> <input type="text"/>
Receive date	<input type="checkbox"/>



Changes to accessing the cases – current method

- EVWEB MLM export section
 - Optimised for single case downloading
 - Cases immediately available
 - Large variety of searchable fields
 - Filters cannot be saved & need entering each time
 - Messages require amending before loading into PV database

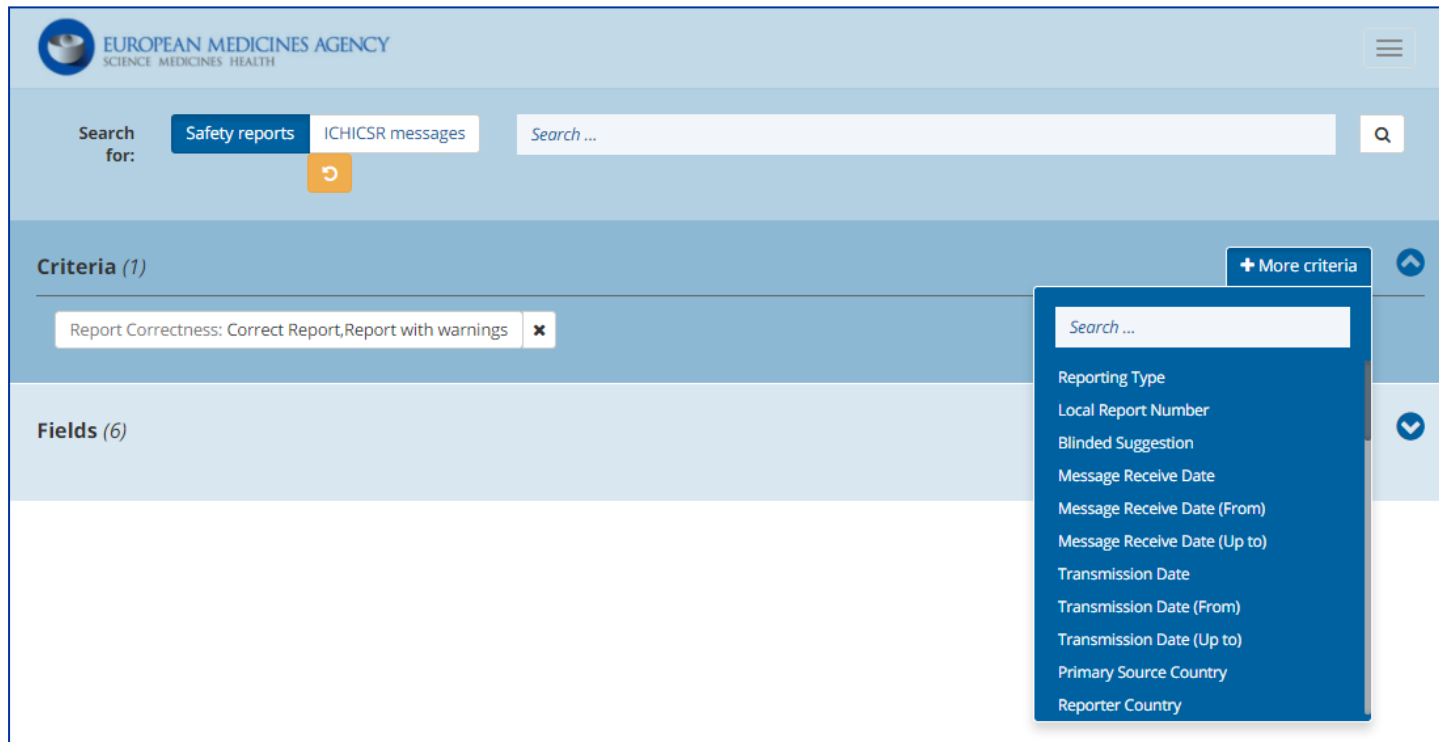


Changes to accessing the cases

- With the change to the system, all MLM Service cases will be downloaded from EVWEB
- Either via
 - Single case downloading
 - General bulk downloading
 - MLM Bulk downloading

Changes to accessing the cases – future method

- EVWEB single case downloading



The screenshot displays the EVWEB search interface. At the top, the European Medicines Agency logo and name are visible. Below the header, there is a search bar with a dropdown menu currently set to "Safety reports". To the right of the dropdown is a search input field with the placeholder text "Search ..." and a magnifying glass icon. Below the search bar, the "Criteria (1)" section is shown, containing a filter for "Report Correctness: Correct Report, Report with warnings". The "Fields (6)" section is also visible but currently empty. A dropdown menu is open on the right side of the interface, listing various search criteria: "Reporting Type", "Local Report Number", "Blinded Suggestion", "Message Receive Date", "Message Receive Date (From)", "Message Receive Date (Up to)", "Transmission Date", "Transmission Date (From)", "Transmission Date (Up to)", "Primary Source Country", and "Reporter Country".

Changes to accessing the cases – future method

- EVWEB bulk downloading



The screenshot shows the EVWEB interface with the following elements:

- Criteria (3)**: Reports: MLM reports, Start Date: 2016/12/26, End Date: 2017/01/10. A '+ More criteria' button is visible.
- Actions**: Count, Reset, and download icons.
- History**: Resolved (10) with a refresh icon.
- Dropdown Menu**: Lists various criteria options: Active Substance, Reporter Country, World Wide Case Id, Route of Administration, Active Substance Group, Active Substance Combination, Active Substance Mlm Group, and Active Substance Mlm Combination.
- Table**: A table with 5 columns: Requested on, Request name, File size (MB), Status, and Exported Reports.

Requested on	Request name	File size (MB)	Status	Exported Reports
2017/01/06 00:08	ArchiveTest	0.01	ARCHIVED	3
2017/01/04 18:52	TestL2BB	0.05	ARCHIVED	10
2017/01/04 18:30	TestL2B	0.04	ARCHIVED	14
2016/12/21 14:22	testie	0.04	ARCHIVED	15
2016/12/15 18:47	Prueba ESM	0.04	ARCHIVED	14



Changes to accessing the cases – future method

- All the best features of each current method have been combined
 - All cases available immediately after transmission
 - Optimised for downloading batches of cases
 - Filters can be saved for repeated use
 - If you already have filters saved for the current ICSR export manager you will need to recreate these in the new system
 - Single case searching via case number available
 - Messages can be immediately loaded into a PV database without amendment



Changes to accessing the cases – future method

- To see the full changes to the downloading functionality, you will need to see session EV-M3c: EV Reporting process for users: Export functions in EVWEB (EV-M3c)
 - [Slides](#)
 - [Video](#)



Changes to accessing the cases – Take Away

- **In this section we have covered:**
 - What the current methods of accessing the cases are
 - What the new methods of accessing the cases will be
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Converting MLM ICSRs to R2

- This section covers conversion of ICSRs from R3 format to R2:
 - Why you may need to perform this conversion
 - How to perform this conversion
 - More information on converting ICSR format



Converting MLM ICSRs to R2

- Cases created in R3 format cannot necessarily be loaded directly into an R2-specific database
- Many of the fields do not directly translate from one format to the other
 - In R2 seriousness and country of occurrence are at case level, whereas in R3 they are at reaction level
- This means that importing R3 files into an R2 database would both lose information from the R3 file & not have mandatory fields required for R2 cases
- Therefore, if you have an R2-based database, you will need to convert cases from R3 format to R2 in order to be able to load them into the database



Converting MLM ICSRs to R2

- To perform this conversion, you will need a backwards-forwards conversion tool that will ensure that the correct changes are made reliably and consistently
- You can either build your own tool or you can use the tool created by the EMA
- Further information on the principles of conversion & the EMA's backwards-forwards conversion tool is available from training module "Implementing ISO ICSR/ICH E2B(R3): Backwards and forwards conversion" (PhV-M2b)
 - [Slides](#)
 - [Video](#)



Converting MLM ICSRs to R2 – Take Away

- **In this section we have covered:**
 - Why you may need to perform this conversion
 - How to perform this conversion
 - More information on converting ICSR format



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Simplified reporting

- This section explains how the move to simplified reporting will affect your literature reporting obligations and use of the cases produced by the MLM Service:
 - What are the current obligations
 - What the new obligations will be

Simplified reporting – Current obligations

- If an MAH is continuing to perform their own literature monitoring, they should not transmit to EudraVigilance cases identified from the literature if they are related to substances that the Agency is monitoring
- Concerned MAHs should not re-submit the ICSRs resulting from the medical literature monitoring service to EudraVigilance
- Unless otherwise specified by national legislation and guidance, concerned marketing authorisation holders should not submit the ICSRs resulting from the medical literature monitoring service to the concerned NCAs in the EEA
 - Until the move to simplified reporting is made, German legislation requires MAHs to continue to transmit all literature cases occurring in Germany to BfArM/PEI



Simplified reporting – new obligations

- If an MAH is continuing to perform their own literature monitoring, they should not transmit to EudraVigilance cases identified from the literature if they are related to substances that the Agency is monitoring
 - Nor should such cases be transmitted to the concerned NCAs in the EEA
- Concerned MAHs should not re-submit the ICSRs resulting from the medical literature monitoring service to EudraVigilance
- Concerned MAHs should not re-submit the ICSRs resulting from the medical literature monitoring service to the concerned NCAs in the EEA



Simplified reporting – Take Away

- **In this section we have covered:**
 - How your literature reporting obligations & use of the cases created by the MLM Service will change with the move to simplified reporting
 - MAHs will no longer be required to forward MLM service cases to any EEA NCA



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What will NOT change

- This section explains what will NOT change regarding the MLM service as a result of the changes to EudraVigilance



What will NOT change

- Whilst creating & accessing the ICSRs created by the MLM service will change, none of the other business processes will change as a result of the changes to EudraVigilance and the move to simplified reporting:
 - The list of substances will not change
 - The journals being monitored will not change
 - The screening, review and assessment process will not change
 - The follow-up process will not change
 - The duplicate management process will not change
 - The quality management & stakeholder interaction processes will not change



What will NOT change – Take Away

- **In this section we have covered the business processes that will not change:**
 - The substances being monitored
 - Journals being monitored
 - Screening, review & assessment processes
 - Follow-up processes
 - Duplicate management
 - Quality management & stakeholder interaction



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Summary

All cases will be created & transmitted in E2B(R3) format

Cases will be accessed via EVWEB

- Either individually or via bulk export

Cases will be available the same day

If you do not yet have an R3-compliant database, you will need to convert the cases to R2

MAHs will no longer have to submit cases to any EEA NCAs

No other business processes will change as a result of the changes to EV



Further guidance

- Training module PhV M2b – Backwards-Forwards Conversion ([Video](#) | [Slides](#))
- Training module EV-M3c – Export functions in EVWEB ([Video](#) | [Slides](#))
- [MLM webpage](#)
 - [Detailed guide](#)
 - [Inclusion-exclusion criteria](#)
 - [Questions & Answers](#)
 - [Duplicate management process](#)
 - [Substances & herbal substance groups](#)
 - [Description of the journal/reference databases used](#)



Feedback

- Please provide us with feedback on this E-learning module and any attendant guidance documents you have viewed by taking the EMA training survey.
- The survey is accessible via [this link](#).

Save a backup on your local computer (disable if you are using a public/shared computer)

EudraVigilance training feedback survey

Fields marked with * are mandatory.

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Acronyms

- EV: EudraVigilance
- EVWEB: EudraVigilance Web application
- ICH: The **I**nternational **C**onference on **H**armonisation of Technical Requirements for Registration of Pharmaceuticals for Human Use
- ICSR: Individual Case Safety Report
- MLM: Medical Literature Monitoring
- NCA: National Competent Authority



Thank you for your attention

Further information

European Medicines Agency

30 Churchill Place • Canary Wharf • London E14 5EU • United Kingdom

Telephone +44 (0)20 3660 6000 **Facsimile** +44 (0)20 3660 5555

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