

## Medical Literature Monitoring

 $5^{\text{th}}$  Industry Platform on the implementation of EU pharmacovigilance legislation





 Service setup Launch phase achievements Full Production Optimisation of MLM Service Customer Service Mailbox Update Key Performance Indicators Management of Follow-up Future benefits



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## **Service setup overview**



- 11 May 2015: signed Framework Contract with contractors (Kinapse)
- 01 June 2015: started setup phase
- Setup phase achievements:
  - Contractors recruited & trained 24 staff members
  - Created SOPs & WINs for all aspects of the service
  - Created search parameters for 50 substance groups in 2 literature databases
  - Created tracking tool to:
    - record search results,
    - publish tracking sheets
    - Perform case management, including submission tracking, follow-up, QA & nullifications
  - Created service desk
  - Created launch plan
- 1 July 2015: Launch phase started



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## **Desired Outcomes of Launch Phase**



- Perform MLM work for top 50 substances
- Interaction with concerned stakeholders
- Search strategy refinement
- Issue Escalation and Resolution
- Stakeholder Survey
- Quality Assurance (QA) processes refined
- Performance measures refined
- Launch phase closing report

## Launch phase achievements

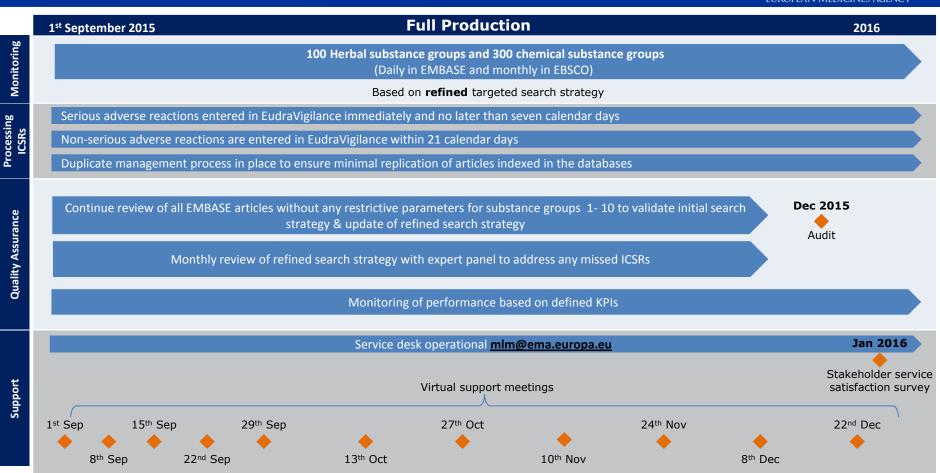






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#### **Full Production**





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## **Optimisation of MLM Service**

Completed actions



	Launch-Up Phase		Full Production						
	Jul	Aug	Sept	Oct	Nov	Dec	Q1 2016		
Issue mitigation activities	Additional inclusion exclusion criteria added to tracking sheet  Tracking tool updated to ensure full conformance to Vancouver reference style		<ul> <li>Day zero published on sum_icsr spreadsheet</li> <li>Updated user manual published to include sum_icsr spreadsheet changes</li> <li>Updated Q&amp;A published</li> </ul>						
	Tracking sheet updated literature references had in the daily / monthly se	ve been retrieved	Updated search strategy published  Resolution of helpdesk IT issues						
	Delivery of additional tra contractor to reduce nu be resubmitted with upo	mber of cases to	Automated helpdesk responses updated  Ongoing quality assurance and delivery of additional training to contractor where necessary to reduce number of cases which need to be resubmitted with updated information. Amendment to process to move EMA QA step before submission						
	Technical amendments EudraVigilance to ensure transmitted on a given of for same day download	e ICSRs	Precision improvement to search strategy, date of publication limited to 2015  Sensitivity improvement to search strategy, addition of terms to the search strategy to address any identified missing ICSRs						
	User manual updated w information on EVWEB, tracking sheets		Continue with review of all EMBASE articles without any restrictive parameters for substance groups 1-10 to validate refined search strategy						
	Monthly collated trackir	ng sheets initiated		Monthly review of refine any missed ICSRs	ed search strategy with exp	pert panel to address			

Actions to be undertaken

## **Optimisation of MLM Service**



In addition to the improvements outlined on the previous slide, the following improvements have already been made & actions taken following specific requests from industry:

- Day zero added to spreadsheet
- Update to EV to ensure that all ICSRs appearing in the tracking sheet are available in EV the same day
- Updated user manual with more information & tips on how to get the best results
- Monthly collated tracking sheets
- Q&A document updated
- Amended export manager to change the way MedDRA version is displayed when version is x.0
- Amended primary source section so that only one primary source is captured to help users of particular databases
- Presented implementation of MLM Service to inspectors, to enable them to understand the service, how
  it impacts MAHs & asked inspectors to be understanding with MAHs regarding this during the first few
  months of operation



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#### **Customer Service Mailbox**



- New mailbox was setup by EMA
- Contractors access via VPN & reply on behalf of EMA
- Technical issues with mailbox meant that a number of queries did not get seen by staff and thus were not responded to
- Backup plan implemented and now all queries are responded to within 2 business days
- Issue has been identified and a resolution is being worked-on
- The problem will be fixed within a few days



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## **Key Performance Indicators during launch phase**



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<b>Key Performance Indicator</b>	Target Performance	Actual	Corrective actions
Daily screening of all 50 active substance	100%	100%	-
Publication of search and screening results (MLM Search Results) by 9am (UK time) the following day	100%	90%	<ol> <li>Additional training</li> <li>Automated checks at EMA to ensure that if a file isn't uploaded, it will be spotted immediately</li> </ol>
Response to all emails in MLM Service Desk within two business days	95%	83%	<ol> <li>Improved process for response approval</li> <li>Additional training</li> </ol>
Consistent and accurate assessment of literature references	>99%	99.8%	-
Timely Entry of Serious ICSR in EudraVigilance within seven calendar days	100%	83%	Almost all late ICSRs due to corrections. QA process refined to move EMA QA step before submission to minimise need for corrections
Timely Entry of non-serious ICSR (occurrence within the EEA) in EudraVigilance within 21 calendar days	100%	100%	-
Daily provision of listing of ICSRs generated following literature screening and publication on EudraVigilance website	100%	90%	<ol> <li>Additional training</li> <li>Automated checks at EMA to ensure that if a file isn't uploaded, it will be spotted immediately</li> </ol>
Correct and timely follow-up of all suspected adverse reactions	>99%	100%	-



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## **Overview of Follow-up Management**



- 74 Follow-up requests sent out between 01 July and 08 September
- Eight responses received to date
- 11% response rate is broadly in-line with expectations
- After end-September, we will assess the overall results
- Questionnaires will be reassessed and may be amended to see if response rates can be improved



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## **Future benefits**



The service has already improved significantly during the launch phase & is continuing to improve: quality, consistency & timeliness are improving week-on-week

Over the coming months and years, we expect to see all stakeholders benefitting from:

- A significant reduction in duplicate literature reports within EudraVigilance
- A harmonised approach to the entry of adverse drug reactions originating from literature articles
- An efficiency in Marketing Authorisation Holder (MAH) business processes by holding the Agency accountable for the resource intensive screening and reviewing of literature
- A gradual streamlined pharmacovigilance function as literature review and case processing of articles is transitioned to the Agency
- Creation of a gold standard for literature searching



# Thank you for your attention

#### Further information

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# Additional slides answering specific questions & latest KPI figures

5<sup>th</sup> Industry Platform on the implementation of EU pharmacovigilance legislation





## Key Performance Indicators during September



Key Performance Indicator	Target Performance	Actual	Corrective actions
Daily screening of all 50 active substance	100%	100%	-
Publication of search and screening results (MLM Search Results) by 9am (UK time) the following day	100%	100%	
Response to all emails in MLM Service Desk within two business days	95%	>90%	<ol> <li>Service desk error resolution in September has impacted timelines for start of September</li> <li>Should be &gt;95% by month-end</li> </ol>
Consistent and accurate assessment of literature references	>99%	>99%	-
Timely Entry of Serious ICSR in EudraVigilance within seven calendar days	100%	87%	Initial cases 97.5%. Corrections from launch phase processed in early September were >7 days. Only 1 case >15 days  By contrast, industry average within 15 days: 91% (89% for initial cases)
Timely Entry of non-serious ICSR (occurrence within the EEA) in EudraVigilance within 21 calendar days	100%	100%	-
Daily provision of listing of ICSRs generated following literature screening and publication on EudraVigilance website	100%	100%	
Correct and timely follow-up of all suspected adverse reactions	>99%	100%	-

## **Further requests from industry**



- EMA to clarify the position of the EMA case identifier for cases with already existing world-wide unique case identifier
  - Process for managing duplicates published. If EMA identify one pre-existing case in EV for that article prior to
    data entry, then WWID will be retained & the MLMSERVICE number entered into Safety Report ID field. If there
    are already multiple cases, then the MLMSERVICE number will be WWID as a master would have to be created
    anyway
- Provide industry with clarity on EMA/inspectors view of how different industry sectors should use the MLM service
  - Industry is free to use the service or not, but should not transmit to EV cases which would be duplicates of the MLMSERVICE cases. EMA has discussed with inspectors and asked for a degree of flexibility/understanding during the first few months as process changes are implemented
  - EMA-inspectors dialogue will continue and inspectors' views on how they see MAHs using the service will be sought and shared, where provided

## **Further requests from industry**



- Define an implementation period and then state that compliance will only be measured after that period
  - The launch phase can be considered as an implementation period, however the EMA has contacted, and will continue to contact, MAHs that retransmit MLMSERVICE reports to EV not in compliance with the requirements
- Suggestions on the timing and content of the published results of the searches
  - The results of the searches and ICSRs created will all be made available at 9am the day after the work
    has been performed (searches run and screened & ICSRs transmitted to EV)
  - Details on how to understand the tracking sheets are provided in User manual published on the MLM webpage
- Publish a list of enhancements
  - A full list of requested enhancements will be collated and published during October, including their status (implemented, in progress, rejected)

## **Further requests from industry**



- Service to follow the published workflows (e.g. timelines for lists and cases)
  - This is now being done initial teething troubles have been overcome
- Improve response to queries
  - The technical issue which led to the problems will be resolved shortly.
  - Backup procedures were put in place once EMA was aware of the nature of the problem
- Improve presentation and accuracy of the lists
  - Improvements already made, more to follow, including automated queries to ensure 100% accuracy and internal consistency in lists
- Harmonise between EV-Web, ICSR Export Manager and search results listings
  - This has been done EV systems updated to remove bottlenecks and ensure that cases transmitted on one day are available the next