



Clarity and Openness in Reporting: E3-based

## CORE Reference

An Open Access Resource

EMWA Valencia May 2024

Repeated at EMWA Webinar 7th June 2024

# CORE Reference Team

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## Today's Presenters

- Sam Hamilton – Chair
- Raquel Billiones
- Alison McIntosh
- Zuo Yen Lee

## Additional Team Member

- Vivien Fagan

# Agenda

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- Value of CORE Reference for Disclosure-Ready CSRs & Continuing Professional Development (CPD) resources
- Real life Policy 0070 submissions, including planned versus actual timeline
- Policy 0070 Re-launch: Anonymisation Report (AnR) Template and insights on completion
- Medical devices CPD, including MD and drugs spaces intersection
- CORE Reference 2023 Utility Survey Results – An Overview
- Breaking news - public disclosure arena

# Value of CORE Reference for Disclosure-Ready CSRs

## Continuing Professional Development

Presenter: Dr Sam Hamilton



# 1. OPEN ACCESS RESOURCE

## 2. CPD RESOURCES

- Original open-access best practice resources published in May 2016

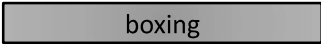
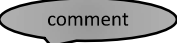
- CORE Reference
- Mapping Tool
- Launch paper in BMC
- Website launch

- Quarterly CPD through 2018
  - Utility Survey 2017
- Monthly CPD Dec 18 – Apr 22
  - Jul 19 comments on FDA pilot program
  - 2019 BMC paper critiquing T/Cel CSR template; estimand integrated to Terminology Table worked example
- EMWA Special Project Apr 22
  - +3 team members, expand CPD
- Monthly CPD May 22 ongoing
  - Comparison T/Cel CPT and ICH M11 template Level 2 headings, Dec 22
  - Webinar Jun 23
  - Utility Survey Dec 23

# 1a. Open Access Resources: What Is CORE Reference?

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## CORE Reference

- Preface (21 pages, references + assumptions)
- Main body text (103 pages)
  - ICH (E3 and 2012 Q&A) guidance text
  - EU and US regional guidances
  - CORE Reference text
    - Distinguished via shading and  boxing
    - Includes explanations  of CORE Reference clarifications

## Mapping document

- ICH E3  CORE Reference sectional structure

Explanation and elaboration paper published in a peer-reviewed journal

*Hamilton S, et al Research Integrity and Peer Review 2016*

## 1b. Website

<http://www.core-reference.org>

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Home	News Summaries	Unmet Need	CORE Reference	Publications	Adoption and Use	Public Disclosure Resources	Comments and Responses
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**HOME:** Video & Teams (original and current)

**NEWS SUMMARIES:** Archive of monthly CPD summaries; other non-manuscript CPD publications

**UNMET NEED:** Problem statement and how CORE Reference bridged the gap

**CORE REFERENCE:** Download open access resources – manual and mapping tool

**PUBLICATIONS:** All publications associated with the project since 2014

**ADOPTION AND USE:** Statements from end-users

**PUBLIC DISCLOSURE RESOURCES:** Links to EMA and HC clinical documents public disclosure portals

**COMMENTS AND RESPONSES:** May 2016 comments on CORE Reference and our responses

Full website overhaul coming...

Incorporate CORE Reference website into EMWA website

Searchable text to aid CPD archive navigation

# CORE Reference is relevant today

- CORE Reference content guidance is globally applicable
  - Suited to all settings – Pharma, CRO, Biotech, Investigator-led, Charity, FL
  - Build your own template using CORE Reference; keep it updated with CPD
- Other open-access resources available, e.g. TransCelerate CSR template
  - Suited to Pharma - information flow from CPT and SAP and into CTD submission
  - Lean submissions because of extensive content reuse and hyperlinking
- Only a proportion of CSRs go into regulatory submission dossiers (M5)
- All integrated CSRs must stand-alone - ubiquitous content reuse and hyperlinking is problematic:
  - Stand-alone CSRs must be fit for Regulator, Sponsor, Investigators
  - Stand-alone CSRs must be fit for public disclosure portals (some jurisdictions, e.g. EMA Pol 70 & CTIS, HC)
  - Stand-alone CSRs must be fit for potential Investors as products change hands.

## 2. Continuing Professional Development

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**WHO:** Regulatory MWs and managers who write or review CSRs; T&D function

- Support MWs in day-to-day work; not an information dump for all RA updates – much more selective

**WHAT:** Survey regulatory MW and public disclosure environments; gather best practices, guidance documents; publications

- If you write CSRs, you also need to understand design for CSPs, estimand framework, other key development strategies that impact design and reporting
- Hot topics that impact your documents – e.g. CTR/CTIS, T&D, RWE, EHDS

**WHEN:** Bimonthly to your inbox

<https://www.core-reference.org/subscribe> or access web archive

**WHY:** CORE Reference manual is a reflection of May 2016

- Keep updated on developments and incorporate best practice into your reporting

# Medical Devices and Drugs Intersection; Transparency

Presenter: Dr Raquel Billiones

# Combined Studies



## A combined study is

- a **clinical trial (CT)** of a medicinal product in parallel with a **performance study (PS)** of an in vitro diagnostic (IVD)
- a **clinical trial (CT)** of a medicinal product in parallel with a **clinical investigation (CI)** of a medical device (MD)

## Clinical trials utilise IVDs

- assays
- biomarkers
- genetic tests

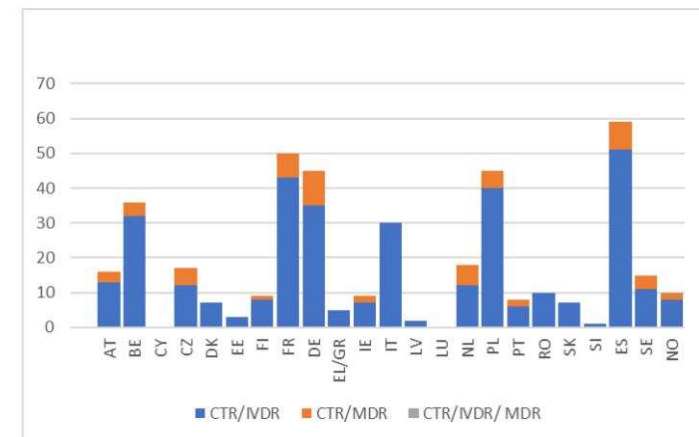
Combined studies will fall under 2 or 3 regulations depending on the components:

- CTR, MDR, and/or IVDR?

## Total combined studies applications per year

(collected in late 2023)

Total: 402



≠ number of combined studies – many studies are multi-country

# Road Blocks

- High regulatory burden
- High documentation load
- Lack of clear guidance
  - no guidance for IVD performance study documentations
- Lack of alignment and harmonisation
  - CTR (EU level), IVDR & MDR (national level)
  - Across member states
  - National competent authorities vs Ethics Committees



EFPIA survey:

- 420 trials delayed over the next 3 years
- Up to 12 months delay
- ~42,000 patients impacted
- 89 therapies facing delayed launch

Anticipated submission to the member states over the next 3 years, assuming no coordinated process



[efpia\\_ivdr-survey-slides.pdf](#)



# Combined Studies



## EU COMBINE Project

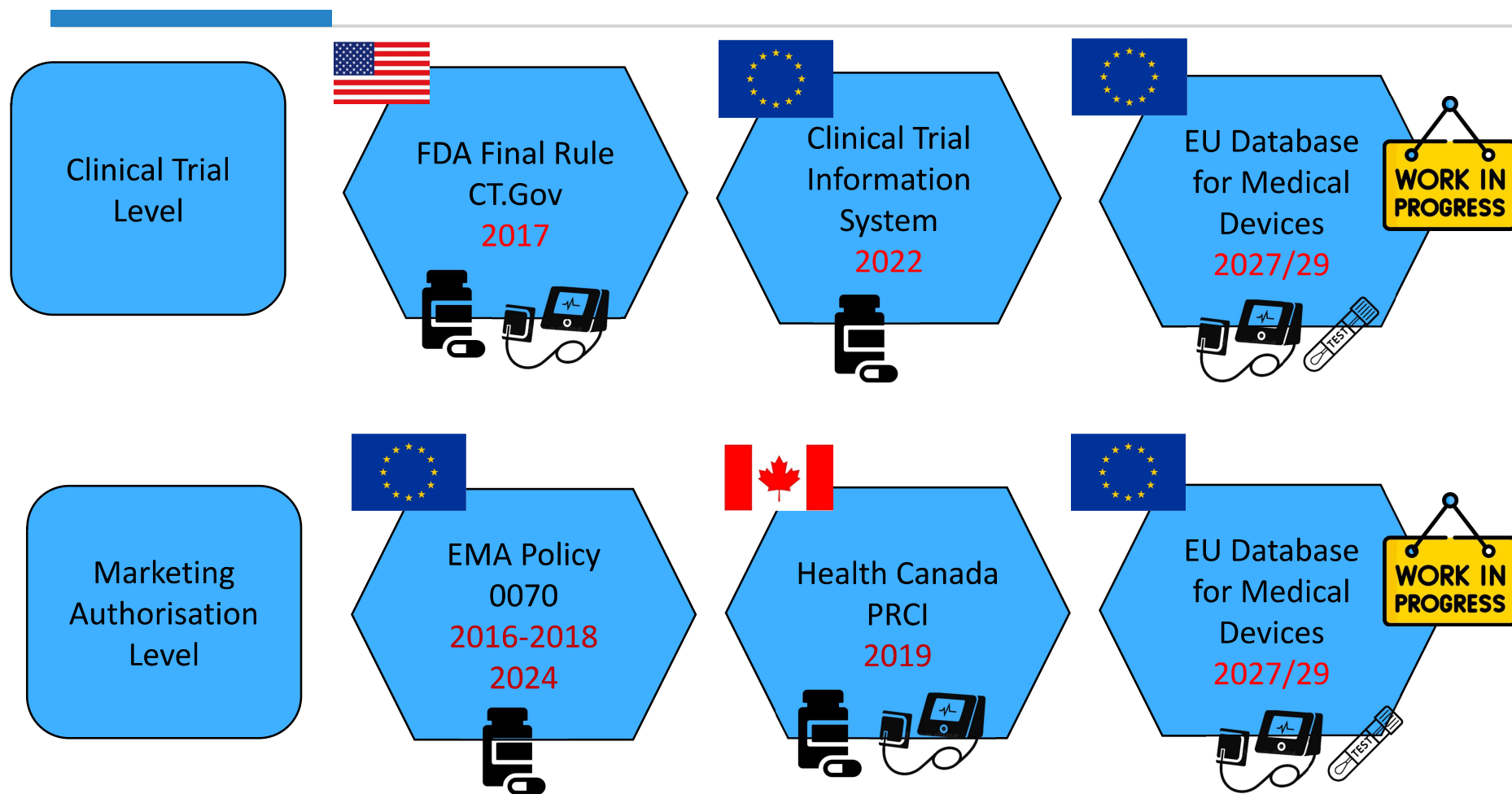
Analysis of the interface between the Regulations on clinical trials of medicinal products (eg, EU CTR), medical devices (eg, EU MDR) and in vitro diagnostics (eg, EU IVDR)

Combined studies - European Commission (europa.eu)

## High-level timeline for analysis phase

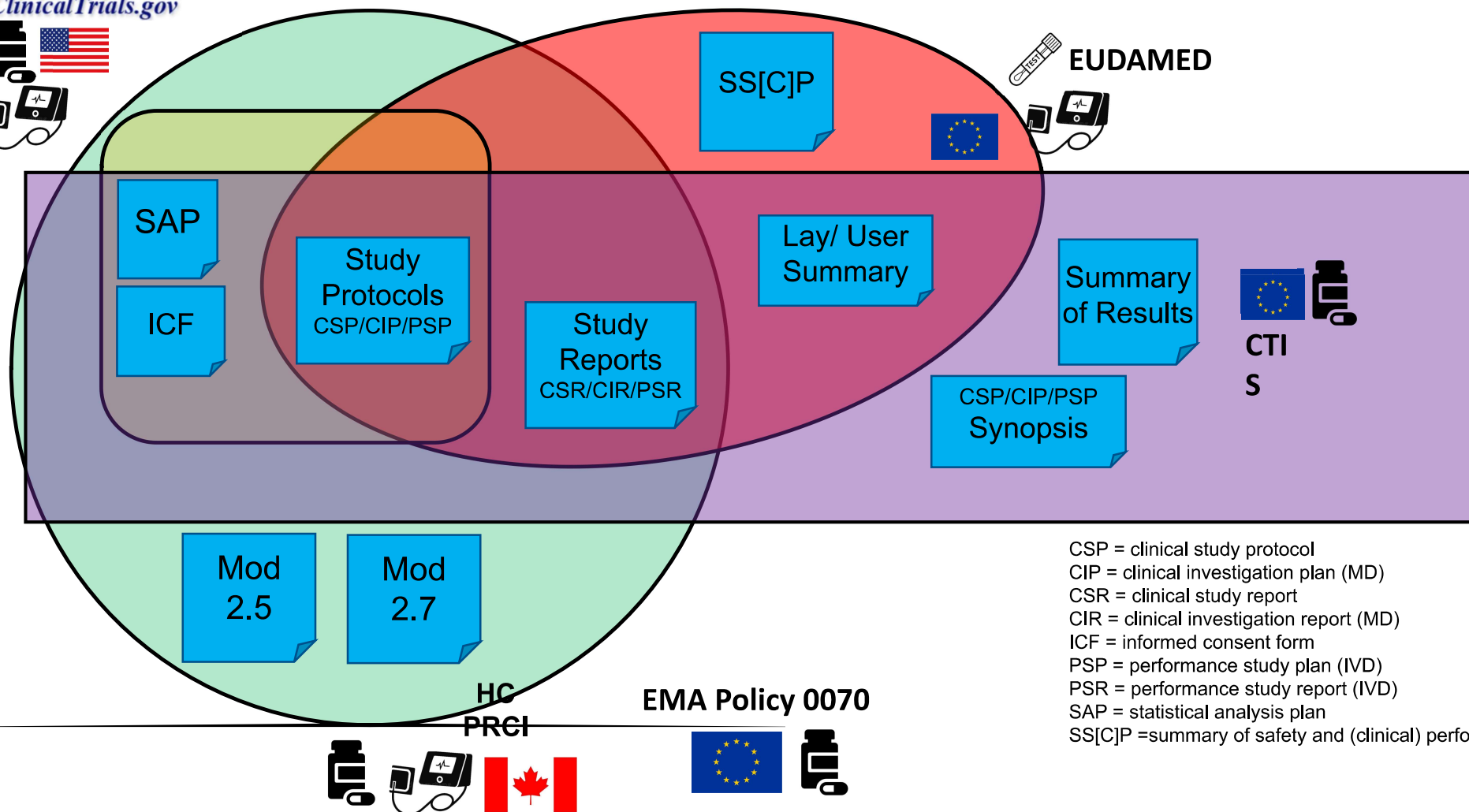


# Disclosure Platforms: MPs, MDs, IVDs



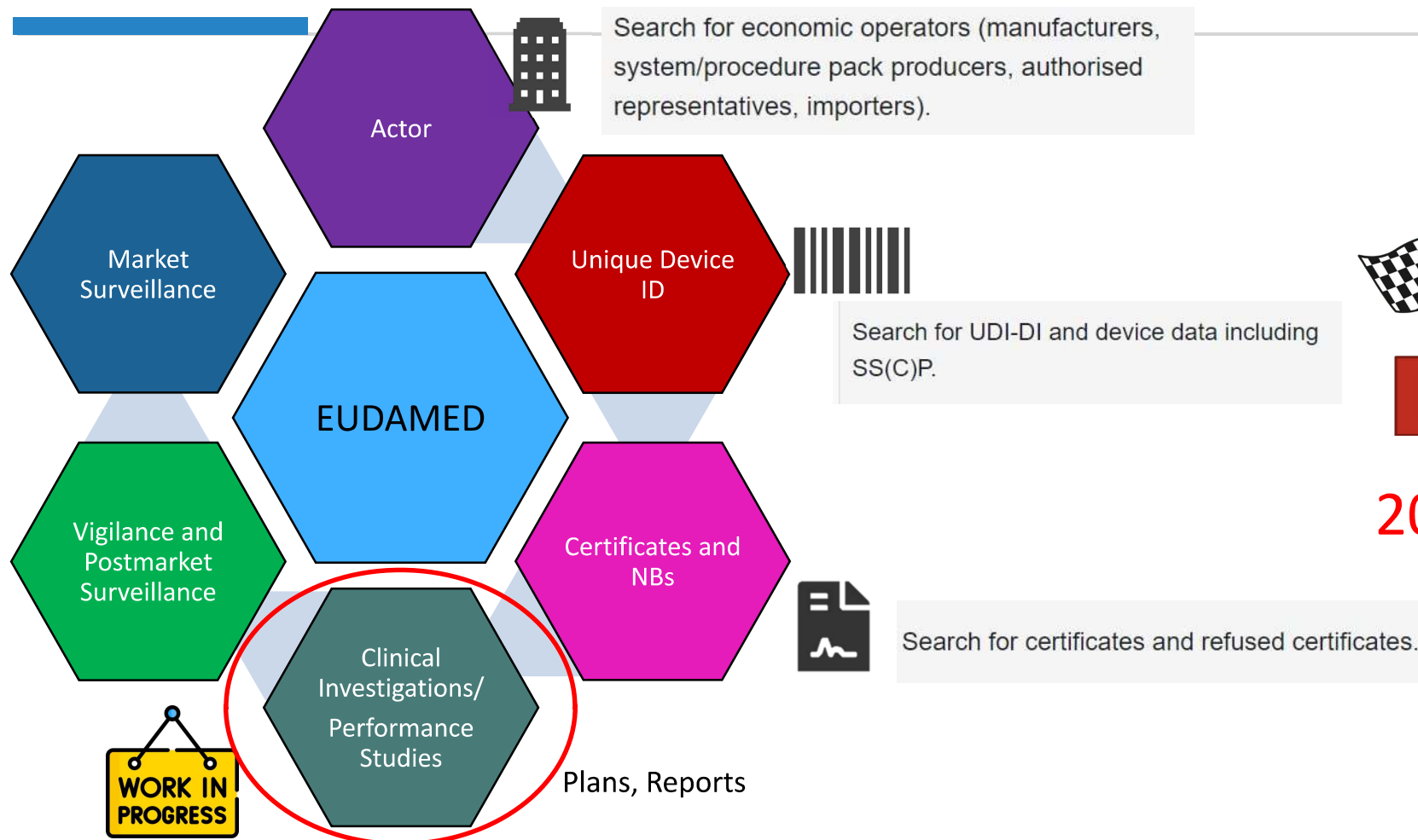
# Disclosure of Documents: MPs, MDs, IVDs

ClinicalTrials.gov



CSP = clinical study protocol  
 CIP = clinical investigation plan (MD)  
 CSR = clinical study report  
 CIR = clinical investigation report (MD)  
 ICF = informed consent form  
 PSP = performance study plan (IVD)  
 PSR = performance study report (IVD)  
 SAP = statistical analysis plan  
 SS[C]P = summary of safety and (clinical) performance

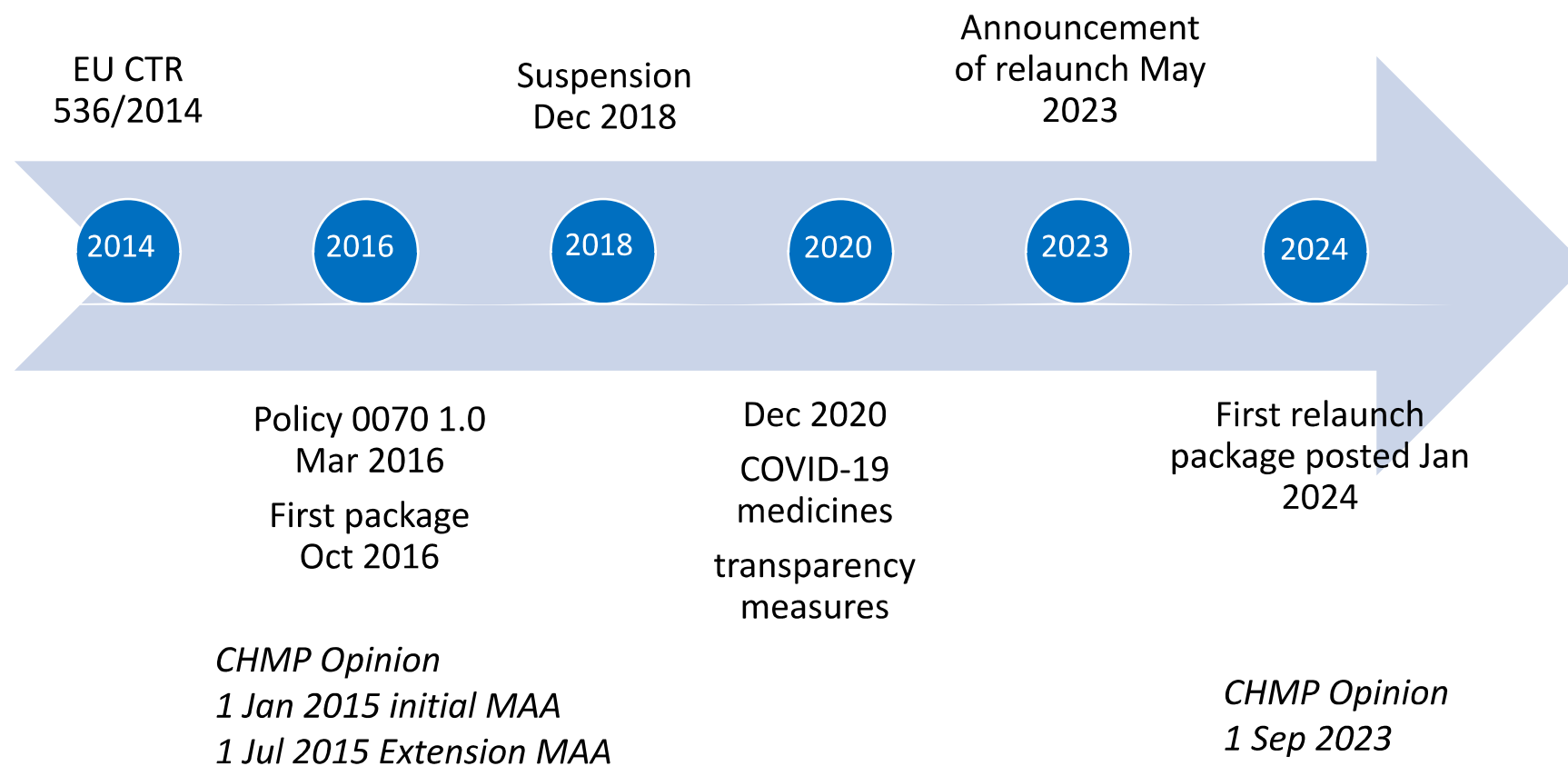
# EUDAMED European Database for Medical Devices



2027 to 2029

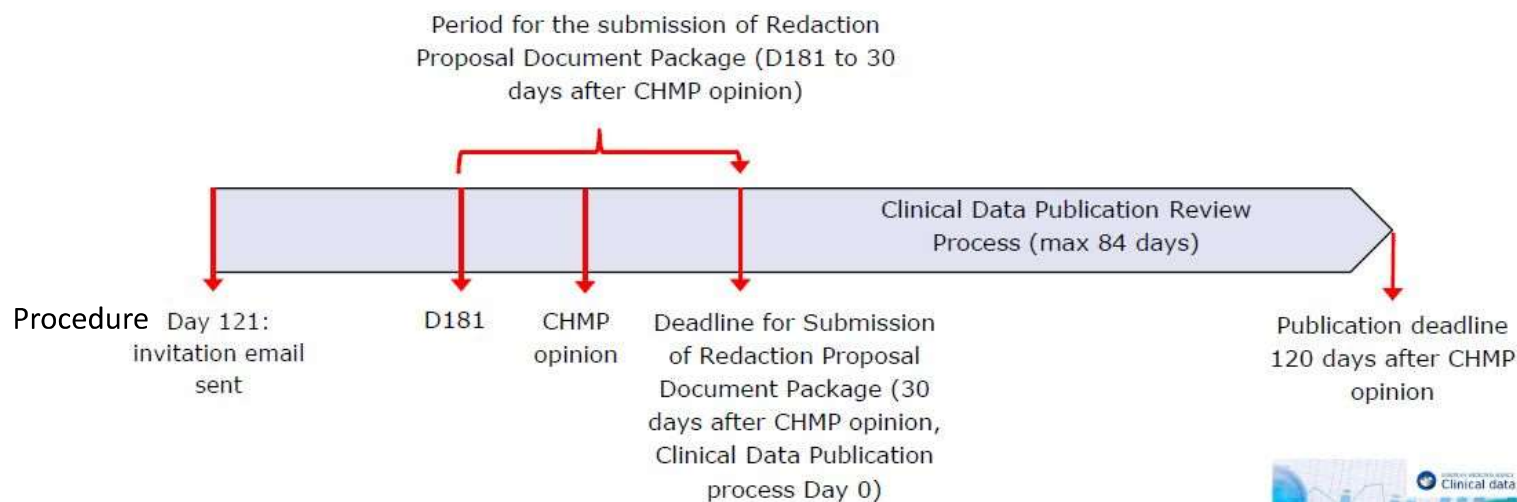
# Policy 0070 Relaunch including Real Life Example

# EMA Policy 0070 Timeline



# EMA Policy 0070 Relaunch

## Clinical data publication timeline (iMAA and line extension applications)

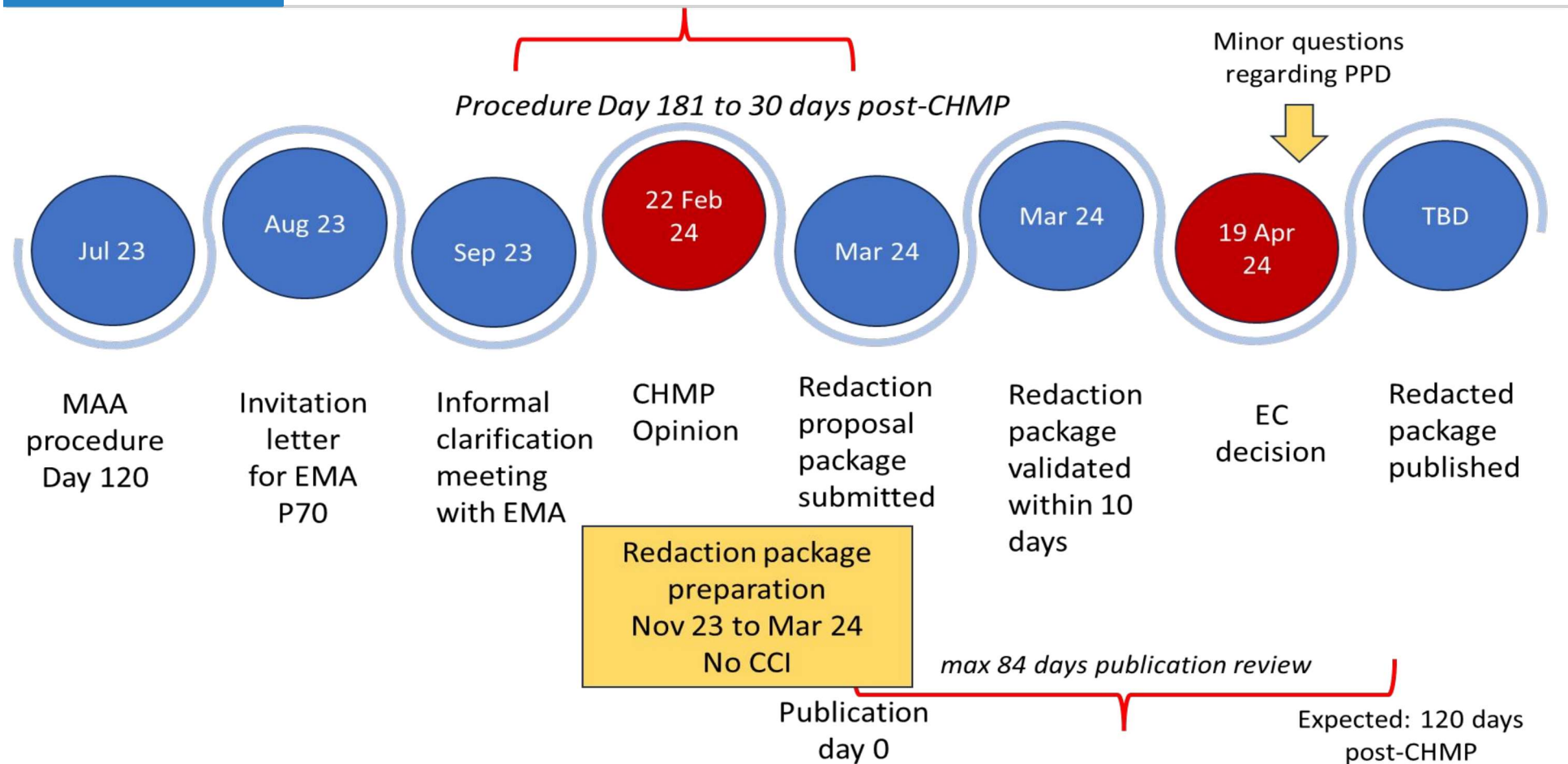


5 Clinical Data Publication procedural timelines



[https://www.ema.europa.eu/en/documents/presentation/presentation-cdp-procedural-timelines\\_en.pdf](https://www.ema.europa.eu/en/documents/presentation/presentation-cdp-procedural-timelines_en.pdf)

# Real-life Example EMA Policy 0070 (initial MAA, new drug entity)





# Policy 0070 Re-launch: Anonymisation Report (AnR) Template

Presenter: Dr Alison McIntosh

# Anonymisation Report (AnR) Template

## Resumption of clinical data publication for all medicines

EMA has resumed clinical data publication for medicines with new active substances that received a CHMP opinion from September 2023 onwards, or were withdrawn before the opinion stage.

EMA had temporarily suspended these activities for all except COVID-19 medicines in line with EMA's Final programming document 2023-2025 and its Management Board meeting of 14-15 December 2022.

The clinical data packages for non-COVID-19 medicines published following the resumption are available in January 2024 via EMA's clinical data website [🔗](#).

## New for Policy 0070 Relaunch

**AnR Form Template (released 24 May 2024)**

**AnR Form Instructions (released 24 May 2024)**

Both can be downloaded from

<https://www.ema.europa.eu/en/human-regulatory-overview/marketing-authorisation/clinical-data-publication/support-industry-clinical-data-publication>

# Question to Group

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Has anyone had direct experience of populating the Anonymisation Report (AnR) Template either via Policy 0070 restart, or prior to this with COVID studies?

# AnR Template: Policy 0070 Relaunch

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Clinical Data Publication (CDP) Questions and Answers (Q&As) updated and released 26 Jul 2023 (Rev 3): Section 3 covers info regarding anonymisation reports:

Expected to use the AnR template for all clinical data publication submissions

- Whether jointly submitting document packages to both Agencies (EMA and Health Canada) or
- Submitting document packages intended for publication on only one of the clinical data publication portals

Template requires the applicants to address a number of questions clearly and succinctly describing

- The anonymisation strategy adopted for each individual document package
- The data protection consideration taken into account when deciding on the anonymisation strategy

[https://www.ema.europa.eu/en/documents/regulatory-procedural-guideline/questions-answers-qas-external-guidance-policy-0070-clinical-data-publication-cdp\\_en.pdf](https://www.ema.europa.eu/en/documents/regulatory-procedural-guideline/questions-answers-qas-external-guidance-policy-0070-clinical-data-publication-cdp_en.pdf)


# AnR Template with Structured Data Fields

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- Regulators expect to gain efficiency in their review process from consistent formatting and content across all applicants
- Creation of AnRs should be easier to write with the pre-populated fields and limited free text
- Users should benefit from more concise AnRs that better facilitate the identification of key information

# Policy 0070 AnR Structure

- The clinical data packages for non-COVID-19 medicines published following the resumption are available from January 2024 via EMA's clinical data website
- AR template structure

 Please fill out the following form. You cannot save data typed into this form. Please print your completed form if you would like a copy for your records.

## Anonymisation Report

Version 1.1

\*Please consult the instructions before filling out this form.

### Application Information

Date Prepared

Product Name

Active Ingredient/INN

EMA Procedure Number

Applicant/MAH

Health Canada Control Number

A) Are there any indirect identifiers present within the clinical information package?

☐ Yes  
☐ No

### 1. Anonymisation Methodology

B) What anonymisation method was used to measure risk?

☐ Qualitative  
☐ Quantitative  
☐ Both

C) Please select the overlay text employed for redaction.

☐ PI (Personal Information)  
☐ PPD (Personal Protected Data)

Section	Heading
(A)	Application information
1 (B,C)	Anonymisation Methodology
2	Identification of Data variables
2.1 (D)	Direct Identifiers
2.2 (E)	Indirect Identifiers
3 (F-M)	Risk Assessment
4 (N-Q)	Data Utility
5 (R)	Deviations
6	Attestations

# Structured Fields Format

- HC/EMA AnR template – Structured Fields
  - Free text is only for explaining the anonymisation strategy
  - All other info is from already populated lists
    - e.g. anonymisation strategy: choose whether quantitative / qualitative/both

## 2. Identification of Data Variables

### 2.1 Direct Identifiers

D) In the table below, please list the direct identifiers present in the clinical information package. Only include identifiers that are present in the document package.

Category	Participant/ Personnel	Anonymisation	Comments
<div><div>+</div><div>-</div><div>Participant/Subject ID</div><div>All Other IDs Unique to Participant</div><div>User ID/Investigator ID</div><div><b>Name/Initials/Signature</b></div><div>Handwritten Text</div><div>Contact Details (Email, Phone &amp; Fax)</div><div>Personal Address</div><div>Pictures of Face</div><div>Other Direct Identifier</div></div>			
Adverse Event Terms	Participants		

**Anonymisation**

Yes (Redacted)  
Yes (Suppressed)  
Yes (Recoded)  
Yes (Other)  
No (Retained)

# AnR Form Instructions Sheet

Release date 21 May 2024 (EMA/482639/2023)

- For EMA submissions and EMA/HC joint packages
- Provides further guidance on individual sections e.g.

## **A) Are there any indirect identifiers present within the clinical information package?**

Select "Yes" if the clinical information package contains indirect identifiers and proceed with completing the remaining sections of the anonymisation form.

Select "No" if the clinical information package contains no indirect identifiers (i.e., it only contains direct identifiers) Please note, if "No" is selected, only the additional "Section 6: Attestation" at the end of the form will need to be completed.

Depending on the option selected ("Yes" or "No"), the attestation text in Section 6 will be automatically tailored to reflect the appropriate context.

A) Are there any indirect identifiers present within the clinical information package?

☐ Yes

☒ No

## **6. Attestation**

The attestant certifies that this Anonymisation Report has been prepared as per the guidance made available by EMA and Health Canada and the anonymisation techniques have been applied consistently in the preparation of the documents comprising the Final Redacted Document package.

In addition, the attestant confirms that no direct identifiers, including names and contact details, of any individual are retained in the Final Redacted Document package with the following exception(s): the name(s) of the clinical report(s) signatory(ies) and the name(s) of the principal investigator(s). This approach is in accordance with the HC and EMA Guidance.

☐ Approve here



# Example (Yorvipath: Sections 1-6)

## Anonymisation Report

Version 1.1

**\*Please consult the instructions before filling out this form.**

### Application Information

Date Prepared	3-Jan-24
Product Name	Yorvipath
Active Ingredient/INN	Palopegteriparatide
EMA Procedure Number	EMA/H/C/005934/0000
Applicant/MAH	Ascendis Pharma Bone Diseases A/S
Health Canada Control Number	N/A

A) Are there any indirect identifiers present within the clinical information package?

☒ Yes  
☐ No

For EMA or joint EMA/Health Canada publications, indicate the specific EMA regulatory procedure number the document package belongs to. For Health Canada publications only, please include N/A.

For Health Canada or joint EMA/Health Canada publications, indicate the specific Health Canada control number for the submission. For EMA publications only, include N/A.

Product name	Yorvipath
MAH	Ascendis Pharma Bone Diseases A/S
Active substance	Palopegteriparatide
ATC code	H05AA
Number of Documents	55
Procedure type	Initial Marketing Authorisation
Publication year	2024
Product Status	Authorised
Type	O
Article 58	No
EMA procedure number	EMA/H/C/005934/0000

## 1. Anonymisation Methodology

B) What anonymisation method was used to measure risk?

- ☒ Qualitative  
☐ Quantitative  
☐ Both

C) Please select the overlay text employed for redaction.

- ☐ PI (Personal Information)  
☒ PPD (Personal Protected Data)

A methodology which is subjective in nature and utilizes a qualitative scale (ex: high, medium, or low risk) to present measurement of risk

[If Both] List the studies within the submission distinguishing between the qualitative and quantitatively anonymised studies (or documents).

The justification as to why different methodologies are used for the studies included in this submission should be provided in the appropriate free text section

## 2. Identification of Data Variables

### 2.1 Direct Identifiers

D) In the table below, please list the direct identifiers present in the clinical information package. Only include identifiers that are present in the document package.

	Category	Participant/Personnel	Anonymisation	Comments
<input type="checkbox"/>	Participant/Subject ID	Participant	Yes (Redacted)	
<input type="checkbox"/>	All Other IDs Unique to Participant	Participant	Yes (Redacted)	
<input type="checkbox"/>	Name/Initials/Signature	Personnel	Yes (Redacted)	
<input type="checkbox"/>	Name/Initials/Signature	Personnel	No (Retained)	Names of the sponsor signatory and PI are retained in CSR
<input type="checkbox"/>	Contact Details (Email, Phone & Fax)	Personnel	Yes (Redacted)	
<input type="checkbox"/>	Handwritten Text	Personnel	Yes (Redacted)	

Select 'PI' (personal information) if the submission follows HC's overlay format. The redaction box would be a blue box with "PI" written in white or black overlay text.  
 Select 'PPD' (personal protected data) if the submission follows the EMA overlay format. The redaction box would be a blue box with "PPD" written in black overlay text.

## 2.2 Indirect Identifiers

E) In the table below, please list the indirect identifiers present in the clinical information package. Only include identifiers that are present in the document package.

Category	Participant/Personnel	Anonymisation	Comments
Adverse Event Terms	Participants	No (Retained)	Any re-identifying sensitive information was redacted
Category	Participant/Personnel	Anonymisation	Comments
Work - Organizational Department	Personnel	Yes (Redacted)	
Study - Study Role	Personnel	No (Retained)	
Work - Job Titles/Positions	Personnel	Yes (Redacted)	
Work - Academic Credentials	Personnel	No (Retained)	
Geographical Location - Site Details	Personnel	No (Retained)	
Work - Company Name and Address	Personnel	No (Retained)	
Demographics - Age	Participant	Yes (Redacted)	
Records - Medical History	Participant	No (Retained)	Inclusion criteria related medical history and common conditions in medical history
Records - Medical History	Participant	Yes (Redacted)	Any re-identifying sensitive information was also redacted.
Date/Day - Time of Day	Participant	No (Retained)	
Date/Day - Calendar Date	Participant	Yes (Redacted)	
Date/Day - Relative Day	Participant	No (Retained)	
Demographics - Height	Participant	Yes (Redacted)	

Use the dropdown box to select the method of anonymisation with respect to AE Terms.

Include any additional information with respect to the specific identifier listed that would provide enhanced context to the anonymisation approach taken

Demographics - BMI	Participant	Yes (Redacted)	
Demographics - Body Weight	Participant	Yes (Redacted)	
Records - Concomitant Medications	Participant	No (Retained)	Generic names retained for ongoing conditions, brand names redacted
Records - Concomitant Medications	Participant	Yes (Redacted)	Concomitant medications have been redacted for history, Any re-identifying sensitive information was also redacted.
Records - Laboratory Values	Participant	No (Retained)	Vital Signs measurements were retained
Records - Verbatim Text	Participant	Yes (Redacted)	
Demographics - Sex/Gender	Participant	No (Retained)	
Demographics - Race	Participant	Yes (Redacted)	
Demographics - Ethnicity	Participant	Yes (Redacted)	
Unrelated - Non-participants	Participant	Yes (Redacted)	References to family members

Utilise the dropdown box to select the anonymisation technique(s) employed for the respective identifier

F) Please input the selected reference population.

Study participants enrolled in each individual CTs in this submission  
Study participants enrolled in each individual CTs in this submission  
Pooled study participants enrolled across all CTs in this submission  
Pooled healthy study participants and pooled patients in this submission  
Study participants enrolled in CTs for same indication, led around the same time/locations with same investigational product/sponsor  
Study participants enrolled in CTs for same indication, led around the same time/locations, with any sponsor  
Study participants for all known studies within the same indication  
Other

### 3. Risk Assessment

F) Please input the selected reference population.

Study participants enrolled in each individual CTs in this submission

G) Is this product indicated in the treatment of a rare disease/condition?

☒ Yes

☐ No

H) Were special populations involved in the trials?

☐ Yes

☒ No

I) Please input initial risk of reidentification.

High

J) Please input target risk threshold.

Low

K) Please input residual risk.

Sufficiently Low

L) Did some of the above indirect identifiers require consideration due to the sensitivity of the information?

☒ Yes

☐ No

Please list the categories of identifiers which were deemed sensitive by the applicant.

Adverse event Terms, Records- Medical History, Records- Concomitant Medications

M) In the space below, provide a clear and concise explanation for why the selected methodology (qualitative or quantitative) was used. Please also provide an explanation regarding the limitations of the approach.

The selection of the appropriate reference population determines the total patient group size and the level of anonymisation that is necessary to reduce the risk of patient re-identification. (Pull down menu selection)

Select 'Yes' or 'No' if the product is intended to treat rare disease populations/conditions.

If yes then must describe the characteristics of the population(s)

Input the initial risk of reidentification approximated. In general, a qualitative value such as high, moderate, low can be included, as applicable. For quantitative approaches, maximum risk observed prior to anonymisation should be provided, as applicable.

# Risk Assessment: Free Text Box

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Section M: In the space below, provide a clear and concise explanation for why the selected methodology (qualitative or quantitative) was used. Please also provide an explanation regarding the limitations of the approach:

Provide greater context on chosen anonymisation techniques (i.e redaction, transformation, recoding etc.) with reference to the different sections of the clinical documents (i.e. demographic tables, summaries, narratives etc.) and why that specific approach was deemed the most suitable with respect to the risk assessment conducted as well as the technical means available

Below are a few sentences from the example AnR

“...In all clinical reports submitted with this application, the approach chosen to protect personal information was **anonymisation** with a **qualitative assessment** of the risk of re-identification. **The data was anonymised by redaction**. The variables were redacted to prevent a risk of re-identification to the participant. Anonymisation of PPD was completed through **redaction** followed by a quality control review to ensure consistency and accuracy. **Data has not been transformed**. The anonymization approach was designed to allow only limited redactions of the re-identification risk factors, ensuring the privacy of clinical trial participants and other study personnel while still allowing for adequate transparency and data utility...”



## 4. Data Utility

N) List the variables with the highest data utility (up to five).

Adverse events, Concomitant medications for ongoing medical conditions, Gender, Race, Age

O) How was data utility loss mitigated for these variables?

Ascendis Pharma has carefully considered the impact of using the chosen anonymisation methodology on data utility. The applied technique was redaction, i.e., the anonymisation of personal data by redacting direct and quasi-identifiers.

Adverse event information was not redacted as this may be of important scientific value. Consequently, concomitant medications or treatment given to manage an adverse event was retained too. However, if brand name of the medication was given, it was redacted. Gender was retained in all CSRs. Age and race were redacted throughout, however, the latter was retained in Study TCP-104 in which all participants were white. Only participant-related direct and selected quasi-identifiers were redacted in narratives. Additional text was redacted if it presented the risk of identifying a participant due to the additional context provided in the narratives. Ascendis Pharma acknowledges that this somewhat reduces data utility, but the reduction of data utility is necessary to protect the personal data of individuals involved in the trial.

The aggregate efficacy, safety, and pharmacokinetic results or other summary data were not redacted. Based on the qualitative risk assessment performed, the risk of subject identification was considered lower than the set threshold and final redactions were considered to preserve adequate data utility.

P) Have aggregate tables been appropriately retained?

☒ Yes

☐ No

Q) Has a differential approach been taken for the narratives?

☐ Yes

☒ No

☐ N/A (No narratives present)

Data Utility refers to specific variables/identifiers listed (e.g., direct & quasi-identifiers denoted in Section 2), that provide the highest extent of scientifically useful information with respect to the study population, indication and clinical findings

If any redactions were applied in aggregated tables, the question should be answered with 'No'. If 'No' was selected, it should be made clear within the free text box what were the specific circumstances requiring information to be anonymised within aggregated tables.

If choose yes a warning note appears to reiterate this

Explain how the choice of anonymisation methods used have preserved clinical data utility/integrity throughout the submission

Of note, narratives must not be redacted in full & if choose yes then have a warning note request to anonymise rather than redact narratives.

## 5. Deviations

R) In the space below, provide a clear and concise explanation for why the manufacturer has deviated from the anonymisation methodology as set out in the HC/EMA Guidance documents. This may include for example, the use of a qualitative approach (and its impacts on the ability to calculate risk).

A non-analytical (qualitative) approach was chosen to reduce the risk of re-identification and safeguard privacy of individuals in the clinical reports. Ascendis has used the qualitative approach for the preparation of this package as this approach satisfies the intent of the policy. Due to the limitations of redacting variables as defined in Section 2, the re-identification risk cannot be assessed quantitatively.

## 6. Attestation

The attestant certifies that this Anonymisation Report has been prepared as per the guidance made available by EMA and Health Canada and the anonymisation techniques have been applied consistently in the preparation of the documents comprising the Final Redacted Document package.

☒ Approve here

Some examples of deviations to be documented and justified include:

- Use of a qualitative approach which deviates from the preferred quantitative approach
- Use of a redactions only approach which deviates from the preferred transformation approaches
- Redaction of Narratives in full
- Redaction of Adverse Event terms
- Redactions to preserve the blinding

# Example: Quantitative anonymization

Product name  
RONAPREVE  
MAH  
Roche Registration GmbH  
Active substance  
Casirivimab/Imdevimab  
ATC code  
J06BD07  
Number of Documents  
20  
Procedure type  
Type II variation  
Publication year  
2024  
Product Status  
Authorised  
Type  
  
Article 58  
No  
EMA procedure number  
EMA/H/C/005814/II/0014

## 3. Risk Assessment

F) Please input the selected reference population.

Study participants enrolled in each individual CTs in this submission

G) Is this product indicated in the treatment of a rare disease/condition?

☐ Yes

☒ No

H) Were special populations involved in the trials?

☐ Yes

☒ No

I) Please input initial risk of reidentification.

1

J) Please input target risk threshold.

0.091

K) Please input residual risk.

0.032

L) Did some of the above indirect identifiers require consideration due to the sensitivity of the information?

☐ Yes

☒ No

M) In the space below, provide a clear and concise explanation for why the selected methodology (qualitative or quantitative) was used. Please also provide an explanation regarding the limitations of the approach.

Due to a robust population in this study (N=293), a quantitative methodology was utilized. While a number of indirect identifiers are redacted as noted in Section 2.2, the residual risk of 0.032 was the best fit while not going above the target risk level of 0.091.

- Used age banding 18-25, 26-50, 51-75 (see example)

For quantitative anonymisation, a numerical value should be inputted. Health Canada PRCI and EMA Policy 0070 External Guidance encourages adopting a 9% re-identification risk threshold (risk=0.09).

## 4. Data Utility

N) List the variables with the highest data utility (up to five). Age, sex, adverse events

O) How was data utility loss mitigated for these variables?

Age was banded into age groups. Sex was retained. Adverse event terms were retained. However, verbatim or non-coded terms reported for participant events, which can include participant- and physician-reported details that are unique to a single individual and hence carry a high risk of re-identification, were redacted.

P) Have aggregate tables been appropriately retained?

☒ Yes

☐ No

Q) Has a differential approach been taken for the narratives?

☐ Yes

☒ No

☐ N/A (No narratives present)

1 death occurred during the study (Table 14).

A 26-year-old PPD female participant in the REGN10933+REGN10987+vaccine IV 1200 mg day 7 group experienced a grade 5 fatal TEAE of Road traffic accident. The event was assessed as not related to either REGN10933+REGN10987 or Moderna mRNA-1273 vaccine (Post-text Listing 16.2.74). This fatal event is described in further detail in a participant narrative (see Section 8).



# Submissions Checklist

- For the “Redaction Proposal Document” and the “Final Redacted Document” packages submitted for Clinical Data Publication (CDP)
- Anonymisation Report Section in checklist needs to be completed:

## ANONYMISATION REPORT

	YES	N/A
ONLY ONE ANONYMISATION REPORT IS INCLUDED IN THE SUBMITTED PACKAGE UNDER eCTD MODULE 1.9	<input type="checkbox"/>	<input type="checkbox"/>
ANONYMISATION REPORT DOES NOT CONTAIN COMMENTS AND IS THE FINAL PROPOSED/AGREED VERSION (APPLICABLE FOR FRDP SUBMISSION ONLY)	<input type="checkbox"/>	<input type="checkbox"/>
ANONYMISATION APPROACH FOR FRDP HAS NOT BEEN DRAMATICALLY REVISED WITHOUT INFORMING EMA BEFOREHAND (APPLICABLE FOR FRDP SUBMISSION ONLY)	<input type="checkbox"/>	<input type="checkbox"/>

# CORE Reference 2023 Utility Survey Results - An Overview

Presenter: Dr Zuo Yen Lee

# 2023 CORE Reference Utility Survey



November 2023: CORE Reference Project Team conducted **2023 Utility Survey** – to rate the 2016 open-access resources and perception of the usefulness of CORE Reference CPD initiative.



13 Questions on Survey Monkey.



Distributed by EMWA and CORE Reference Project Team to members, subscribers and public members of the medical writing community.



Ran for 6 weeks (25 Oct 2023 to 05 Dec 2023).



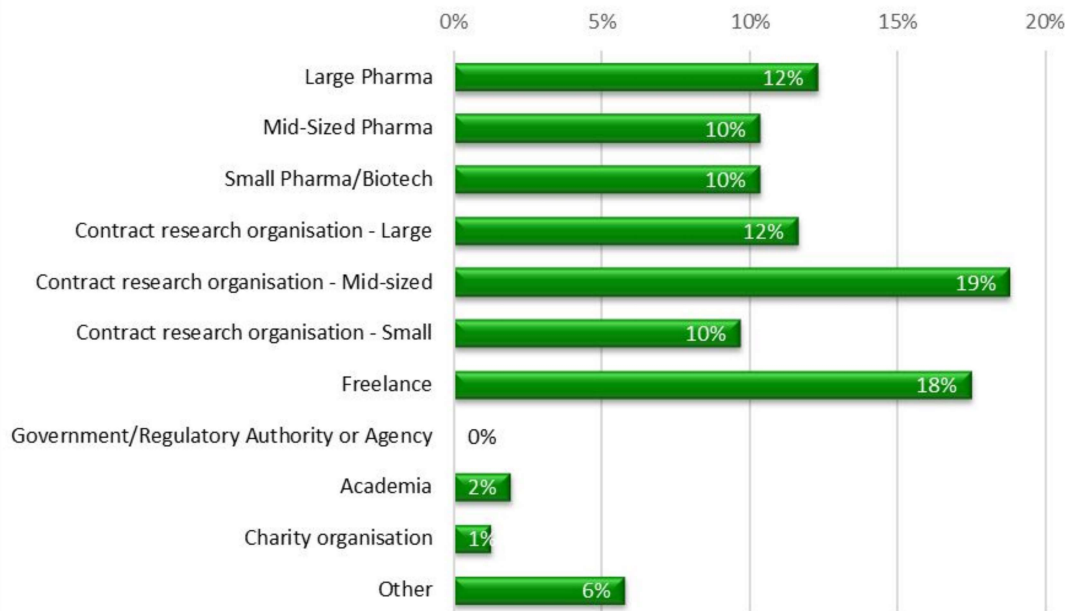
Responses were collected anonymously and analysed on Survey Monkey. Only descriptive analysis was performed. Not all respondents answered all questions.

# Results - Respondents

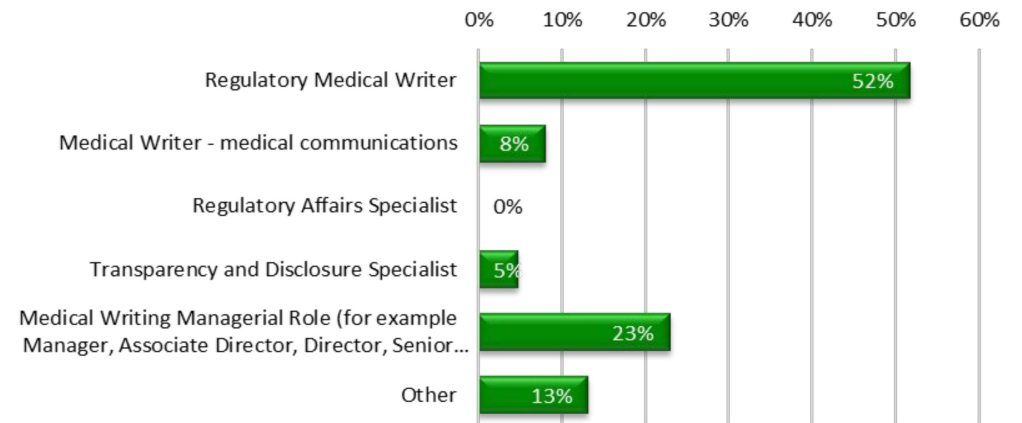


Total 154 respondents

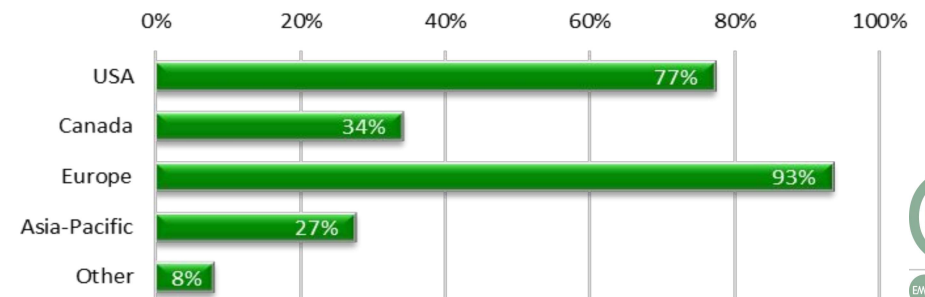
## Types of Organisations



## Roles of Respondents

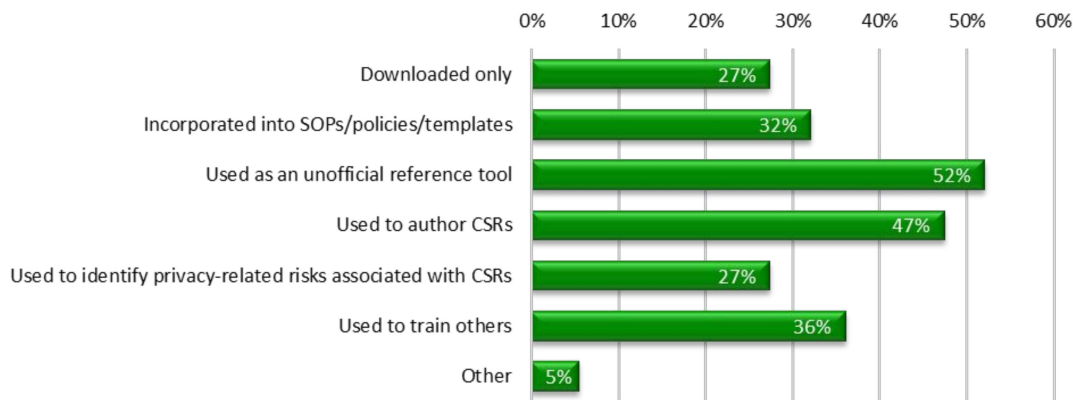


## Regions for which Documents were Prepared

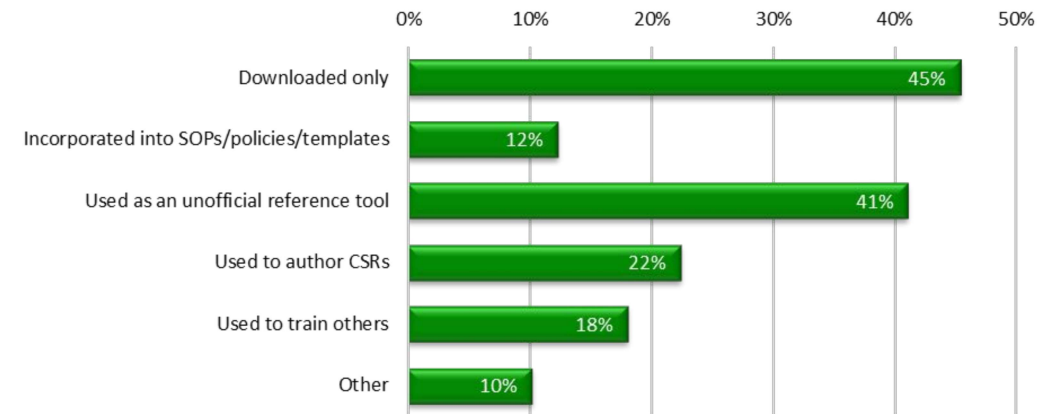


# Results – Utility of CORE Reference Open Access Resources

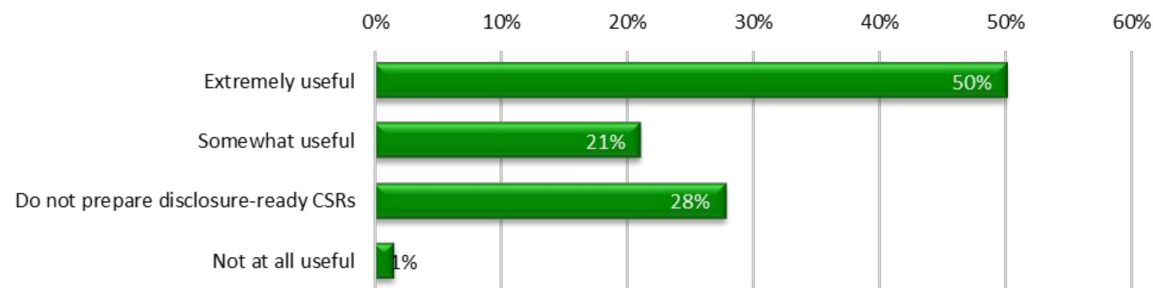
## Use of CORE Reference Open Access Manual



## Use of CORE Reference Mapping Tool

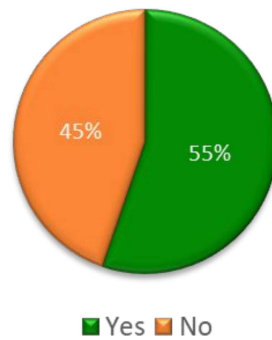


## Usefulness of CORE Reference Resources for Preparing Disclosure-Ready CSRs

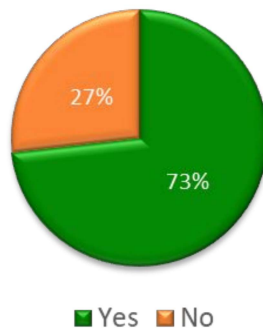


# Results – Utility of CPD Resources

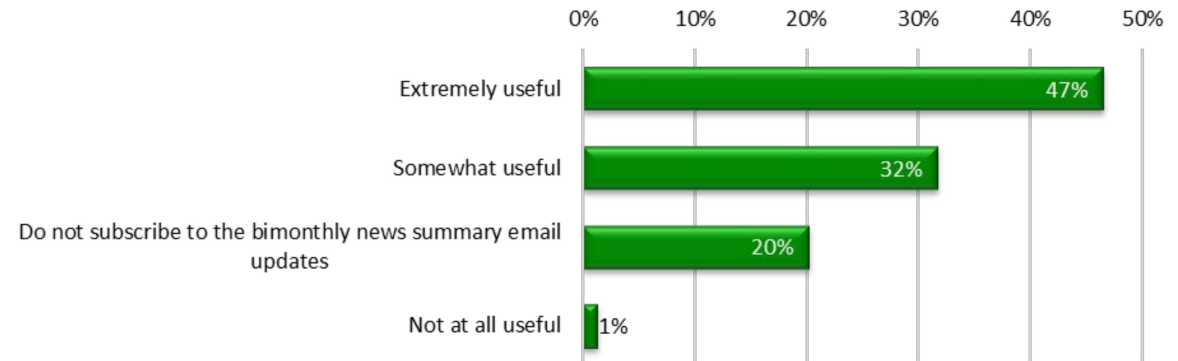
**Awareness of CPD Resources from CORE Reference Project**



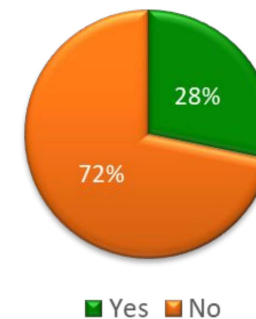
**Subscribed to the CORE Reference CPD News Summary Email Updates**



**Usefulness of Real-Time Bi-monthly News Summary Email Updates**

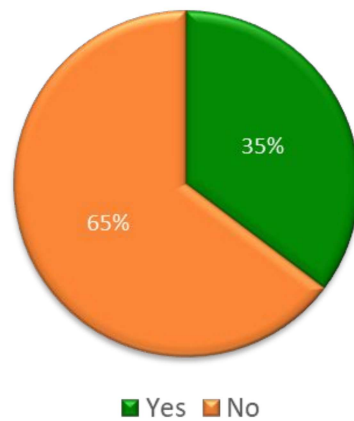


**Accessed the Archive of CORE Reference News Summaries**

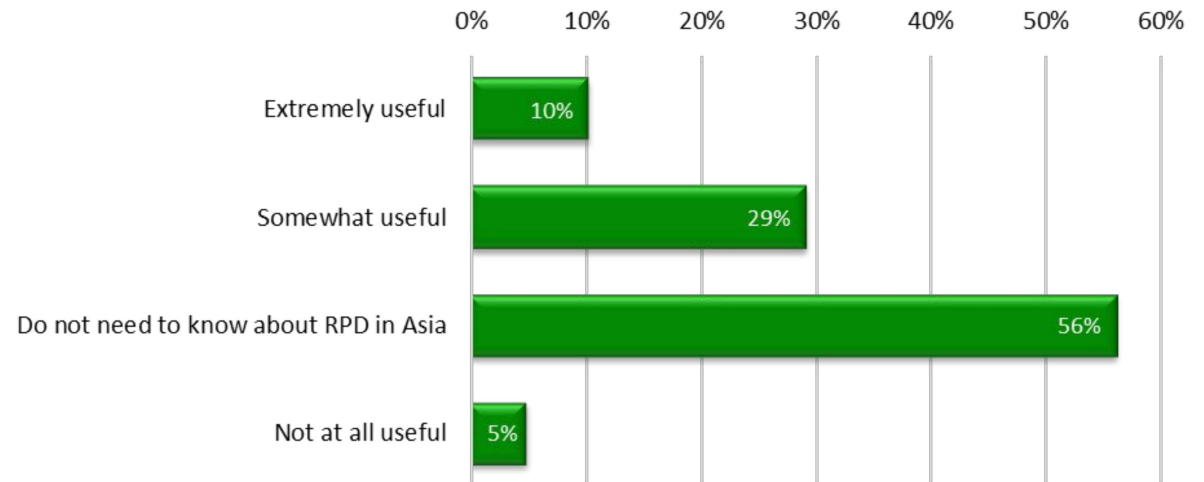


# Results – Utility of CPD Resources of Asia

**Need Awareness of Regulatory Reporting and Public Disclosure Landscapes in Asia**

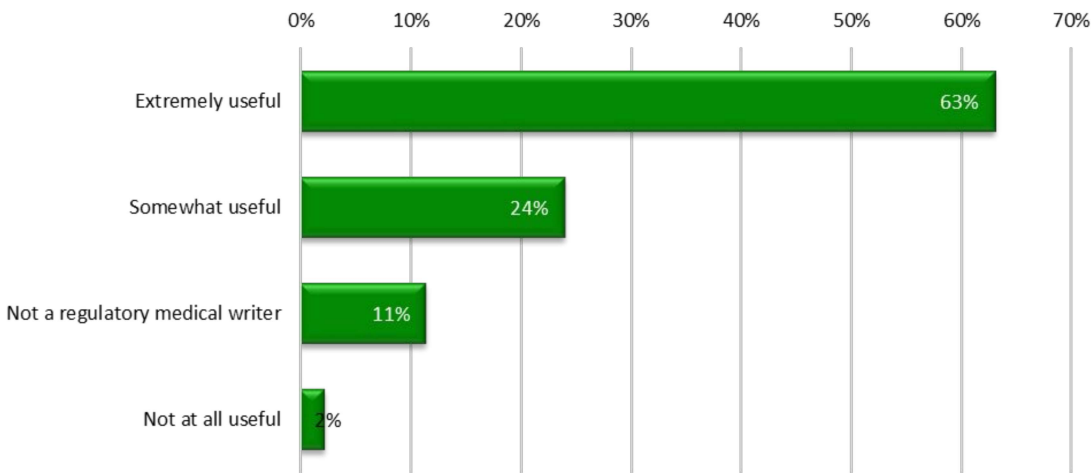


**Usefulness of Regulatory Public Disclosure Updates from Asia**



# Results – Overall Perception

**Overall Usefulness of CORE Reference Project to Regulatory Medical Writers**



Look out for the MEW  
September 2024 issue!



Results will be published as a  
featured article.



Contains full descriptions and  
discussions of the data.

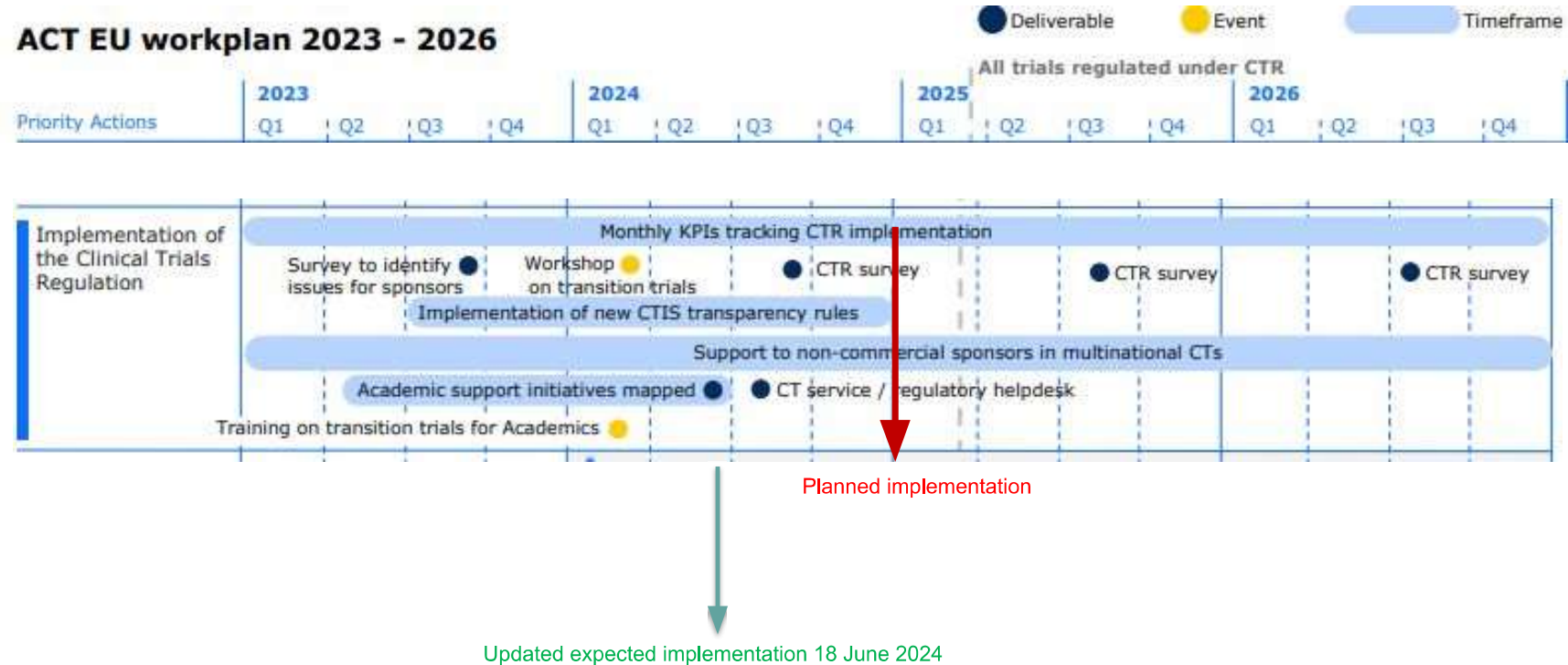


# Breaking News - Public Disclosure Arena

Presenter: Dr Sam Hamilton

# Implementation of the CTR

## ACT-EU Workplan 2023-2026



Revised CTIS Transparency Rules of 05 Oct 2023 will take effect on **18 June 2024**

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New version of the CTIS website will be launched

- Balance between transparency of information and protection of CCI
- **Sponsors BE READY** to align with the revised rules

The 05 Oct 2023 rules and key summary information on **EMA ACT EU**  
**'Implementation of the EU CTR' webpage:**

[https://accelerating-clinical-trials.europa.eu/our-work/implementation-clinical-trials-regulation\\_en](https://accelerating-clinical-trials.europa.eu/our-work/implementation-clinical-trials-regulation_en)

# Reminder: Aim of Revised CTIS Transparency Rules 05 Oct 2023

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**Simplified** to make the system

- Less complex, more efficient, user-friendly
- Reduce burden for the users
- Maintain public access

Q&A on the protection of CCI and PD while using CTIS, Version 1.4

[https://accelerating-clinical-trials.europa.eu/system/files/2023-11/ACT%20EU\\_Q%26A%20on%20protection%20of%20Commercially%20Confidential%20Information%20and%20Personal%20Data%20while%20using%20CTIS\\_v1.3.pdf](https://accelerating-clinical-trials.europa.eu/system/files/2023-11/ACT%20EU_Q%26A%20on%20protection%20of%20Commercially%20Confidential%20Information%20and%20Personal%20Data%20while%20using%20CTIS_v1.3.pdf)

# Revised CTIS Transparency Rules

[https://accelerating-clinical-trials.europa.eu/document/download/a101771b-0be7-492f-b8bd-7f551ffbb7a7\\_en?filename=Revised%20CTIS%20transparency%20rules%2C%20Interim%20period%20%26%20Historical%20trials\\_quick%20guide%20for%20users\\_1.pdf](https://accelerating-clinical-trials.europa.eu/document/download/a101771b-0be7-492f-b8bd-7f551ffbb7a7_en?filename=Revised%20CTIS%20transparency%20rules%2C%20Interim%20period%20%26%20Historical%20trials_quick%20guide%20for%20users_1.pdf)

## Revised CTIS public website; revised rules:

- Deferral option removed
- Publishing streamlined **structured data fields and documents**, relevant for the public, needs of patients, and clinical researchers in the EU/EEA
  - Structured data fields in the CTA largely unchanged, except for **dose and strength** details for some trials, which will no longer be published
  - Details provided in Annex 1
- Changes will help the public easily identify published information through **reduced complexity** and **easy searching in the structured data fields**
- **Rationalising the amount of published documents** to reduce complexity and workload for users engaged in the necessary redactions

# Revised Rules Quick Guide on ACT-EU website

[https://accelerating-clinical-trials.europa.eu/system/files/2023-12/Revised%20CTIS%20transparency%20rules%2C%20Interim%20period%20%26%20Historical%20trials\\_quick%20guide%20for%20users\\_1.pdf](https://accelerating-clinical-trials.europa.eu/system/files/2023-12/Revised%20CTIS%20transparency%20rules%2C%20Interim%20period%20%26%20Historical%20trials_quick%20guide%20for%20users_1.pdf)

## Documents – what will be published & when

Documents type	Category 1		Category 2 and 3 including integrated ph1&2
	Paediatrics and/or PIP	Adults	
Protocol, synopsis, patients facing documents	Upon results' submission	30 months after EU/EEA End of Trial	First MSC decision
SmPC, if available	Never		That MSC decision
Subject information and informed consent form			
Recruitment arrangements, including procedures for inclusion and copy of advertising material			
Final summary of results, Lay person summary of results	As soon as submitted	30 months after EU/EEA End of Trial	As soon as submitted
Clinical study report, if available	As soon as submitted		
All other documents, including any MS document	Never		

**Investigator's Brochure – no longer in scope**

# Q&A on the protection of Commercially Confidential Information and Personal Data while using CTIS

Question and Answers, version 1.4



Document version	Publication date	Changes introduced in the text
Version 1.0	31 January 2023	N/A
Version 1.1	27 March 2023	New Q&A 1.9
Version 1.2	17 May 2023	<ul style="list-style-type: none"><li>- Clarification on deferrals section 1 (<i>Italics</i>)</li><li>- Revised text in Q&amp;A 1.8</li><li>- Revised text in Q&amp;A 2.2</li><li>- New Q&amp;A 3.3.</li><li>- Minimum editorial review across the text</li></ul>
Version 1.3	29 November 2023	<ul style="list-style-type: none"><li>- New section 4 on revised transparency rules</li><li>- Update text across the document to align with principles of section 4</li></ul>
Version 1.4	31 January 2024	<ul style="list-style-type: none"><li>- Additional Q&amp;A 3.4 on patient facing documents disclosure</li></ul>





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# Example of document no longer in scope – Investigator's Brochure

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## **Annex I - Recommended wording for all documents that are no longer subject to publication as per revised CTIS publication rules**

A page can be uploaded in the slot 'for publication' of all documents that are no longer subject to publication as per revised CTIS publication rules, with the following recommended wording:

*The present document is no longer subject to publication in line with [revised CTIS transparency rules](#). Further information is provided in section 4 of the 'Q&A on the protection of Commercially Confidential Information and Personal Data while using CTIS' published on the [ACT EU website – Implementation of the Clinical Trials Regulation](#).*

# New Draft EMA Guidance



[https://www.ema.europa.eu/en/documents/other/draft-revised-heads-medicines-agency-european-medicines-agency-guidance-document-identification-personal-data-commercially-confidential-information-within-structure-marketing-authorisation-application\\_en.pdf?trk=article-ssr-frontend-pulse\\_little-text-block](https://www.ema.europa.eu/en/documents/other/draft-revised-heads-medicines-agency-european-medicines-agency-guidance-document-identification-personal-data-commercially-confidential-information-within-structure-marketing-authorisation-application_en.pdf?trk=article-ssr-frontend-pulse_little-text-block)



- 1 25 March 2024
- 2 Draft

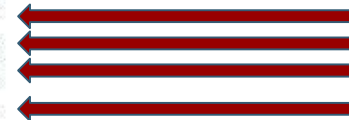
- 3 HMA/EMA guidance document on the identification of
- 4 personal data and commercially confidential information
- 5 within the structure of the marketing authorisation application
- 6 (MAA) dossier

<b>Draft agreed by HMA and EMA for public consultation</b>	25 March 2024
<b>Start of public consultation</b>	12 April 2024
<b>End of public consultation (deadline for comments)</b>	28 June 2024

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# Any further questions?

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Thank you for attending



EUROPEAN  
MEDICAL  
WRITERS  
ASSOCIATION



*The Resource for Medical Communicators*

30<sup>th</sup> Anniversary  
EMWA 1992-2022



Chair: Sam Hamilton

Committee members: Vivien Fagan, Zuo Yen Lee, Alison McIntosh

Advisor: Art Gertel

Supporting member: Raquel Billones (MD-SIG)

## THE CORE REFERENCE PROJECT

The Clarity and Openness in Reporting: E3-based (CORE) Reference Project aims to provide continuous professional development for the regulatory medical writing community through open-access resources and intelligence dissemination on clinical study reporting and public disclosure of clinical-regulatory documents.

[contact@core-reference.org](mailto:contact@core-reference.org)

