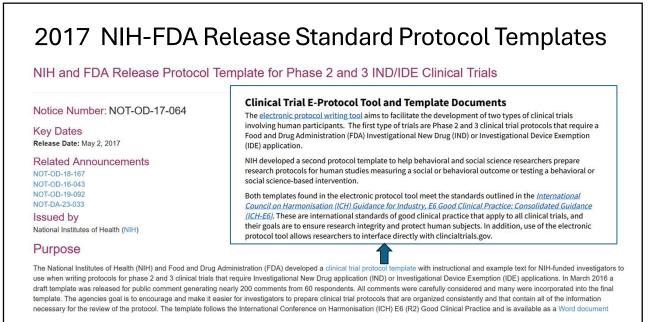


TransCelerate and Protocol-Related Activiti	
 TransCelerate (collaborative biopharma industry initiative) launched in 2012: 	
 Common Protocol Template (CPT) initiative to develop a machine- readable AND human-readable protocol template; TCB worked with FDA and CDISC on this initiative 	
 TCB also worked with CDISC on therapeutic area data standards content and the CDISC Library (formerly SHARE) 	
 Current CPT Information from TransCelerate: 	
"The Clinical Content & Reuse (CC&R) Initiative, formerly known as Common Protocol Template (CPT), aims to enhance clinical trial processes by developing common content for reuse across clinical trial documents in the Clinical Template Suite (CTS)." (TransCelerate website)	
 See also TransCelerate's Digital Dataflow Initiative. 	
TransCelerate Members are in ICH.	



https://grants.nih.gov/grants/guide/notice-files/NOT-OD-17-064.html

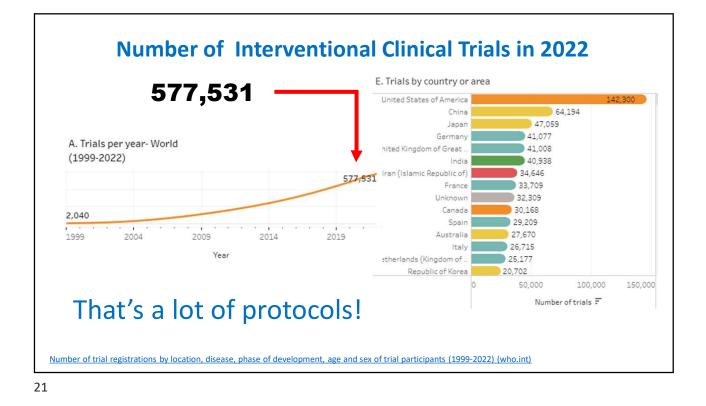


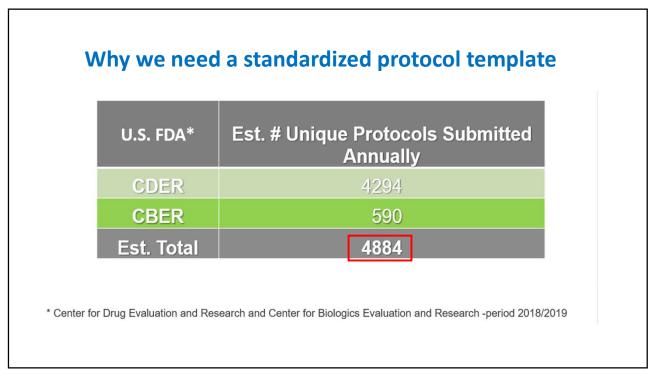


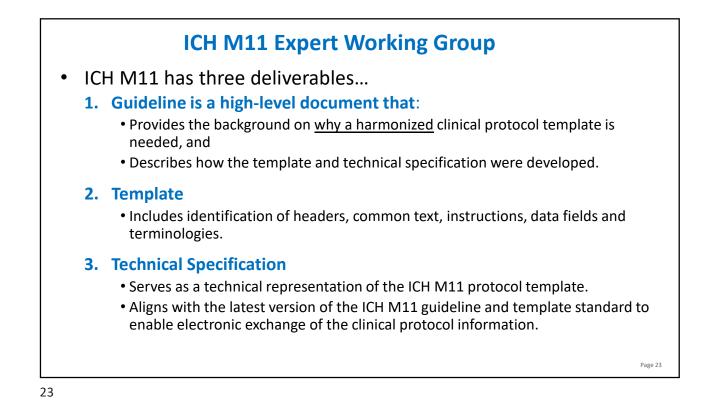
U.S. FDA Disclaimer

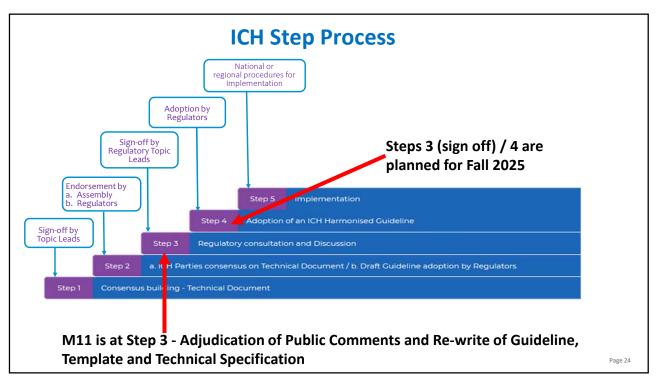
The views and opinions presented here represent those of the speaker and should not be considered to represent advice or guidance on behalf of the U.S. Food and Drug Administration.

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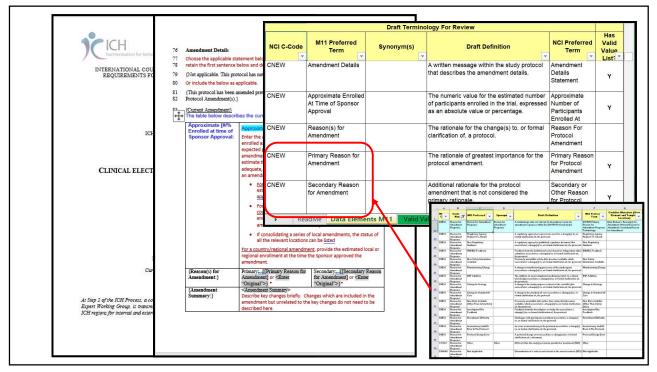


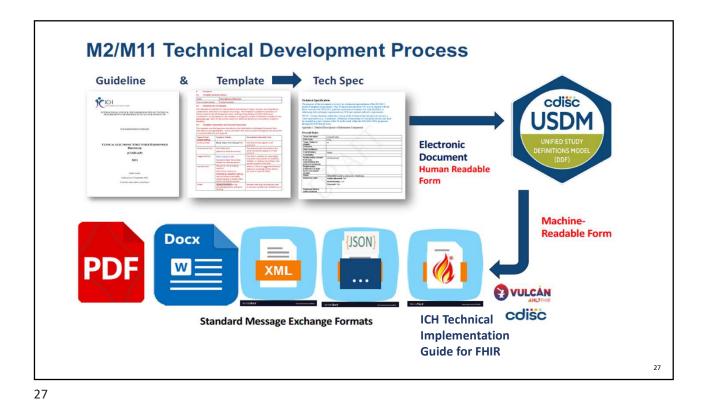


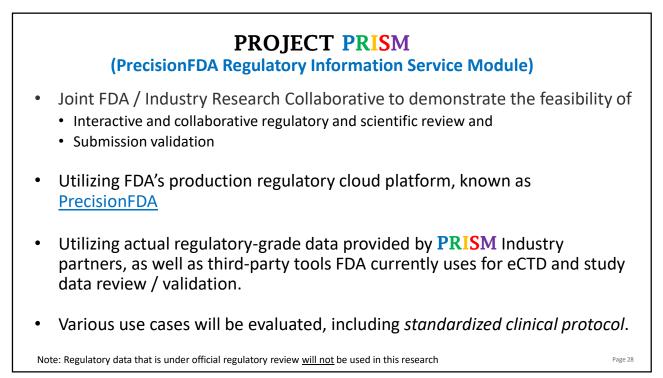


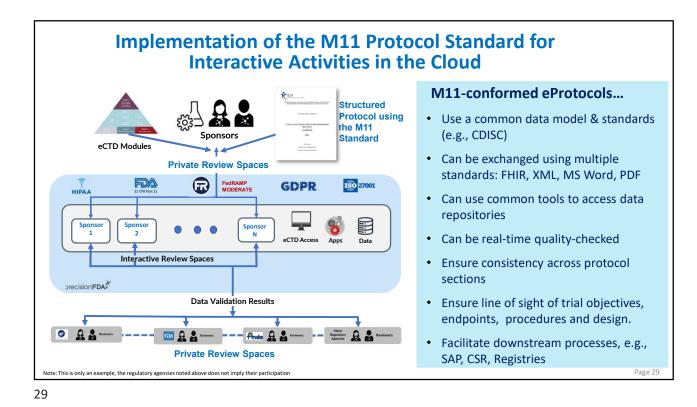
- M11 / M2 collaborating with HL7 Vulcan / CDISC project to create draft semantics for the Protocol Template / Tech Specification
 - 257 Data Elements
 - 22 Valid Value Sets comprising 112 terms
- Plan to have CDISC curate the terminology
- CDISC will use their public review process prior to and regulatory public consultation later in year.

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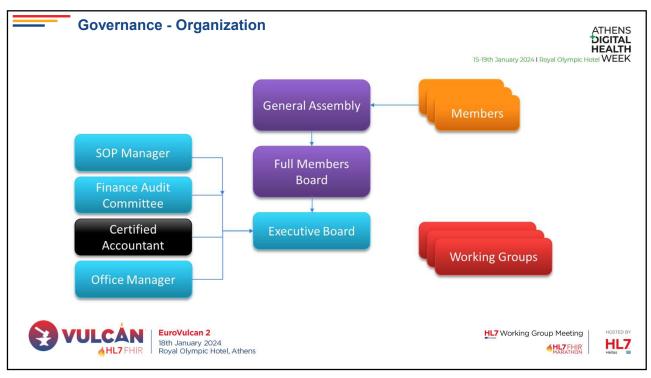








An international representative corporate organisation ATHENS **MEMBERS** : National Associations Associate Members 2. ACRO-CZ 3. ACRON 4. Denmark EUCROF Members & Associates Relationship in development 8. BeCRO 9. BVMA 31 Countries 10. CCRA United Kingdom 11. United Kingdom (2) 11. GCP&RA 450+ Affiliated CROs Partner Members +90% are SMEs 13. POLCRO 2. Australia 14. SACROP ~ 30 000 professionals 4. Israel Members & Associate Mbs: legal entities registered in Europe Partners: legal entities registered outside Europe EuroVulcan 2 HL7 Working Group Meeting ULCAN 18th January 2024 Royal Olympic Hotel, Athens HL7 HL7 FHIR HL7 FHIR





Working Group	Chair	npic
Clinical Trial Centres	Antoinette van Dijk	
Clinical Trials Legislation	Dagmar Chase	
Clinical Trials Logistics	Michael Shumilin	
Communication	Christophe Golenvaux	
Early Phase		
Events and Training	Donato Bonifazi	
Innovative Medicines	Dolores Pérez Méndez	
Medical Devices	Şebnem Yaşaroğulları	
New Technologies	Fiona Maini	
Paediatrics	Martine Dehlinger-Kremer	
Patients' Associations	Jean-Sébastien Gosuin	
Pharmacovigilance	Nicolas Tsiakkas	
Real World Data & Digital Health	Alexandre Malouvier	



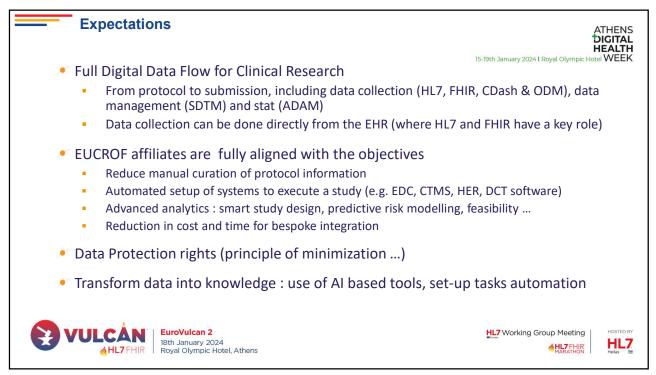














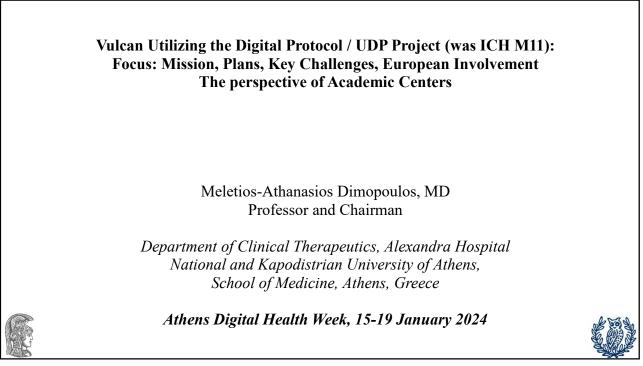




Q3.4 The perspective of Academic Centers Meletis Dimopoulos, National and Kapodistrian University of Athens

January 18, 2024

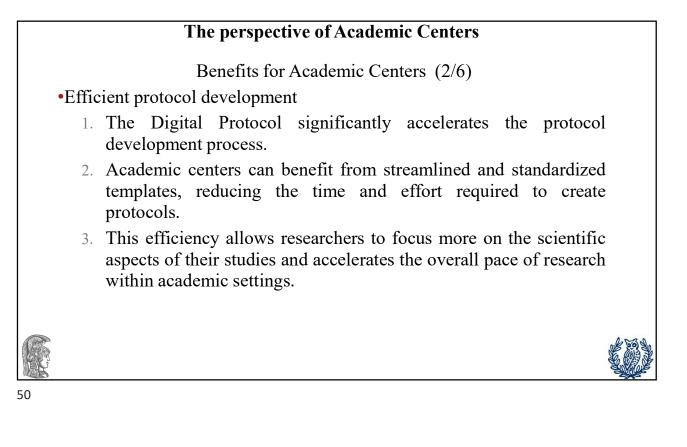




Benefits for Academic Centers (1/6)

- Enhanced collaboration and knowledge sharing
 - 1. Academic centers are often hubs of interdisciplinary collaboration, bringing together researchers, clinicians, and students from various disciplines.
 - 2. The implementation of the Digital Protocol Project fosters seamless communication and knowledge sharing among these diverse stakeholders.
 - 3. Researchers can access and exchange standardized protocol information, promoting collaboration on a global scale.





Benefits for Academic Centers (3/6)

- Interoperability and data integrity
 - 1. The alignment of CeSHarP with CDISC standards ensures interoperability and data integrity throughout the research lifecycle.
 - 2. Academic centers can seamlessly exchange protocol information with other institutions, ensuring consistency and reliability in data interpretation.
 - 3. This interoperability is crucial for multi-center trials and collaborative research initiatives.



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The perspective of Academic Centers

Benefits for Academic Centers (4/6)

- •Adherence to regulatory standards
 - 1. Compliance with regulatory standards is paramount in clinical research.
 - 2. The Digital Protocol Project aligns with international regulatory expectations, ensuring that academic centers adopting this standard adhere to the highest quality and ethical standards.
 - 3. This not only expedites regulatory approvals but also enhances the credibility of research conducted within academic institutions.

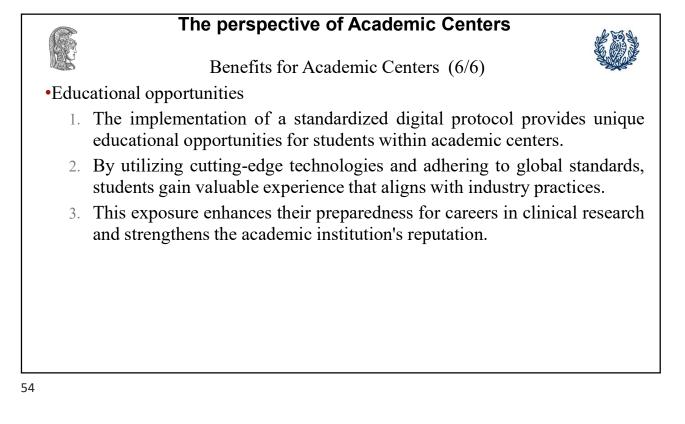


Benefits for Academic Centers (5/6)

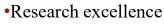


•Resource optimization

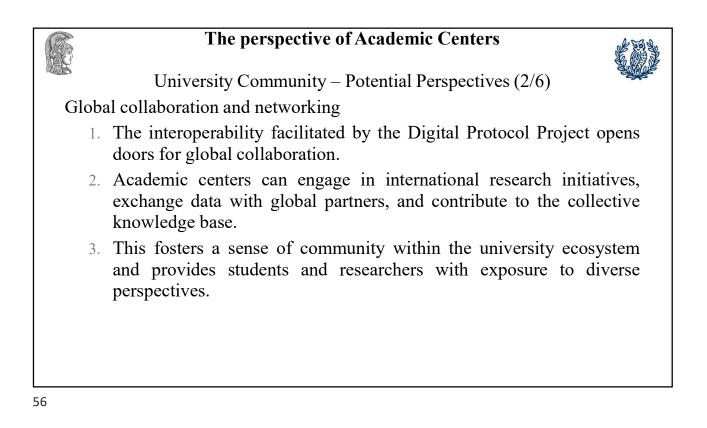
- 1. Academic centers often face resource constraints, including time, personnel, and funding.
- 2. The Digital Protocol Project optimizes these resources by offering standardized templates and guidelines.
- 3. This minimizes the need for redundant work and allows academic institutions to allocate resources more efficiently, thereby maximizing the impact of research initiatives.

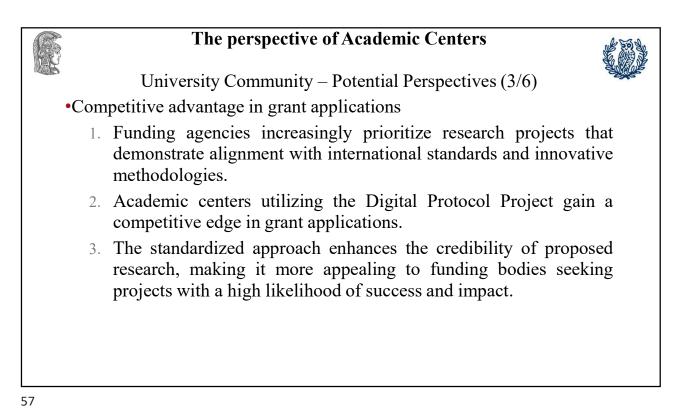


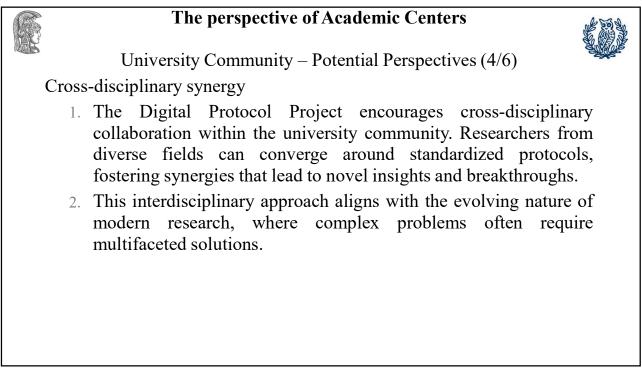
University Community - Potential Perspectives (1/6)



- 1. The Digital Protocol Project positions academic institutions at the forefront of research excellence.
- 2. By adopting standardized digital protocols, universities demonstrate a commitment to leveraging innovative technologies for the advancement of science.
- 3. This, in turn, attracts top-tier researchers, funding opportunities, and collaborative partnerships, enhancing the overall research ecosystem.



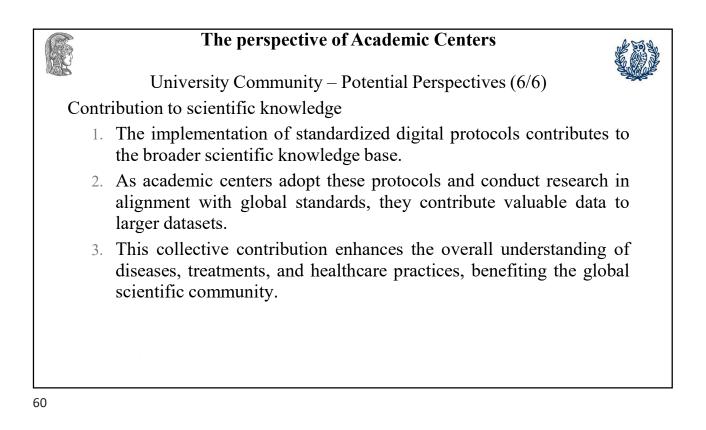




University Community – Potential Perspectives (5/6)

•Alumni and industry collaboration

- 1. Graduates from academic institutions adopting the Digital Protocol Project enter the workforce with a unique skill set that aligns with industry standards.
- 2. This not only enhances their employability but also establishes stronger connections between academia and industry.
- 3. Industry collaborations and partnerships become more seamless, creating a mutually beneficial relationship between academic centers and the private sector.





Take Home Message

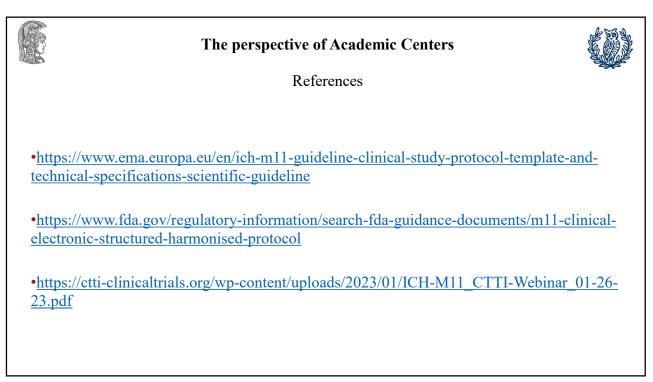
•The Digital Protocol Project (ICH M11) represents a paradigm shift in the way clinical trials are conceptualized and conducted.

•For academic centers, this initiative offers a myriad of benefits, ranging from enhanced collaboration and efficiency to global recognition and educational opportunities.

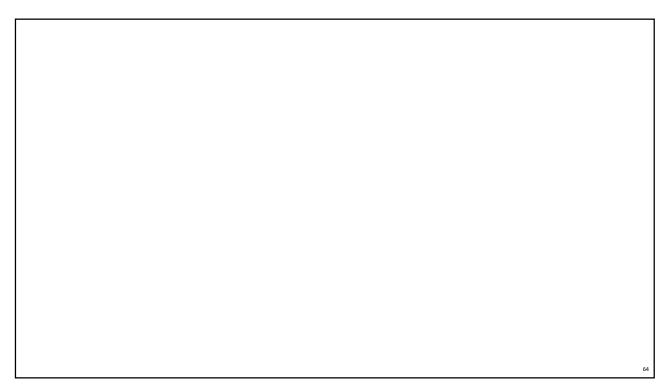
•The potential perspectives for the university community extend beyond individual institutions, influencing the broader research landscape and contributing to the advancement of science on a global scale.

•As academic centers embrace the Digital Protocol, they position themselves as leaders in research innovation, paving the way for a more interconnected and impactful future in the field of clinical trials and medical research.

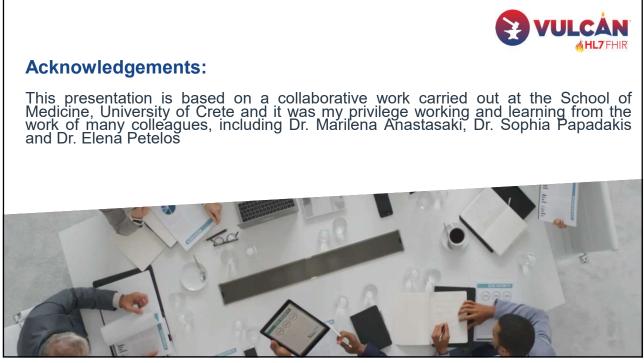
•ICH: International Committee on Harmonisation

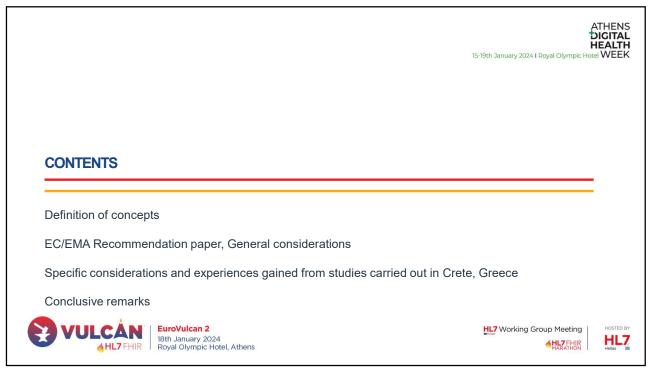




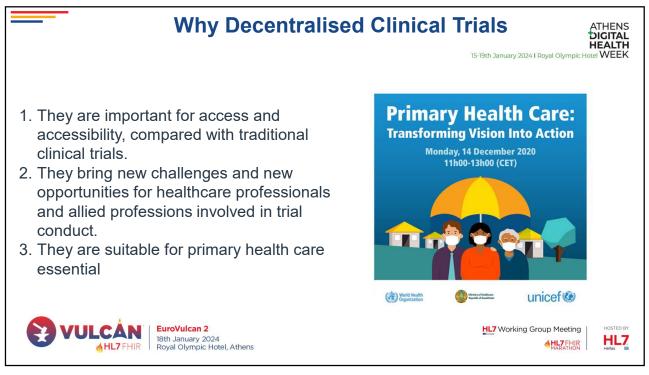


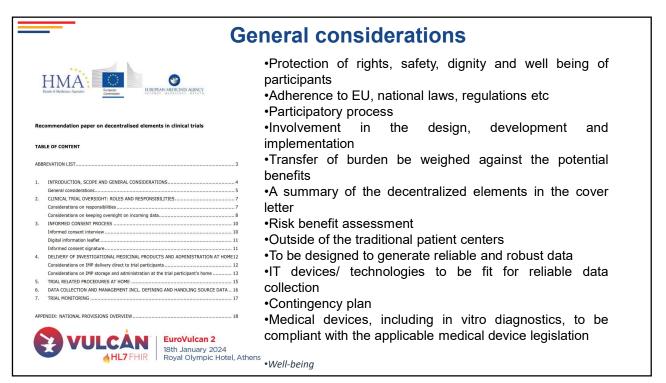












Consideration on keeping oversight on incoming data

participants, investigators, •Trial and service providers should receive training on how to use digital tools to ensure proper data collection, review. and transmission.

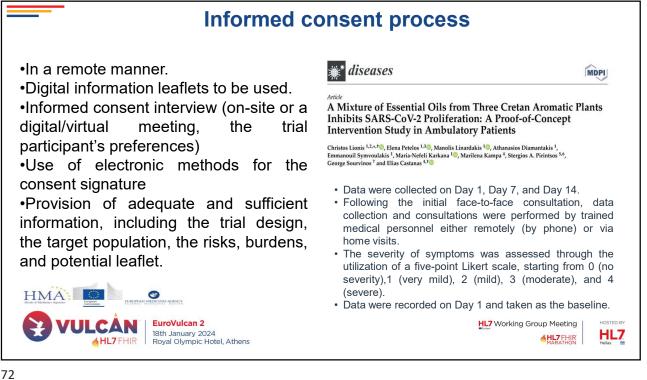
• A review of safety data should be planned with a high-risk perspective.

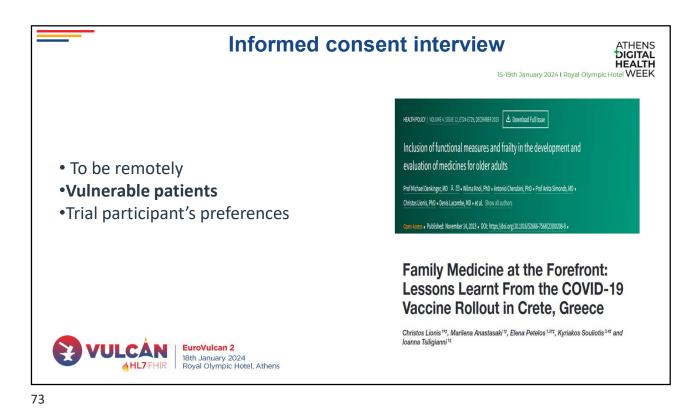
 Digital tools need to transmit the required alerts as planned.

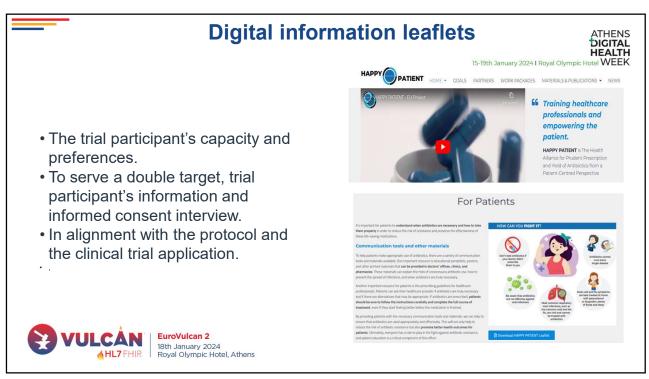
 Trial participants should be fully informed in advance on how the information is transmitted via digital tools.



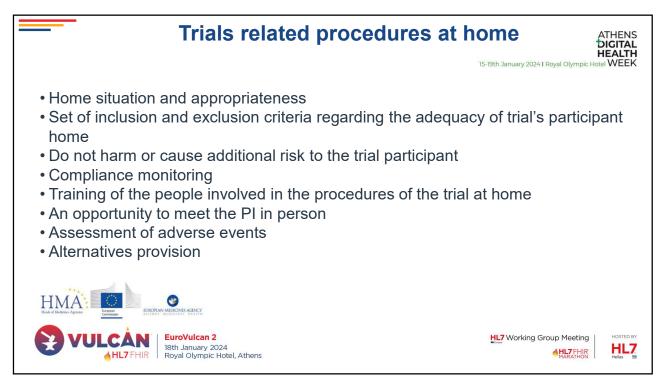




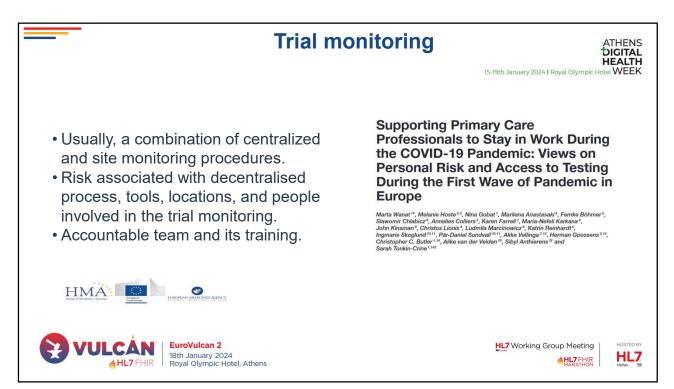


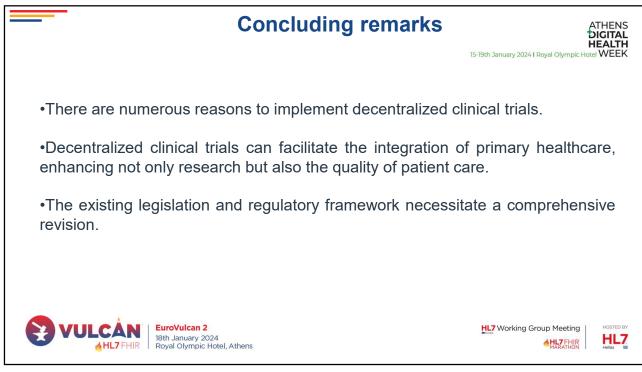
















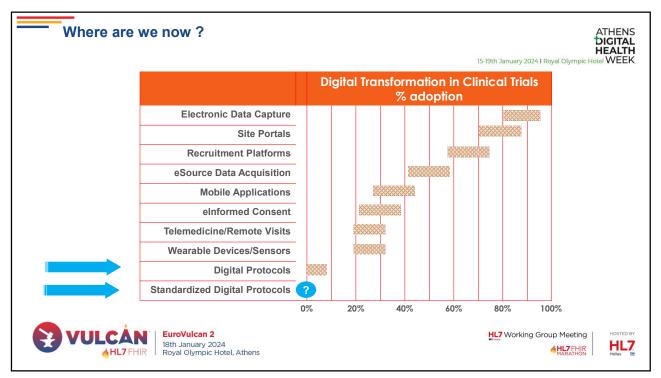
Q3.6 ICH M11, Digital Protocols: A Pharma Perspective Rob DiCicco, TransCelerate BioPharma

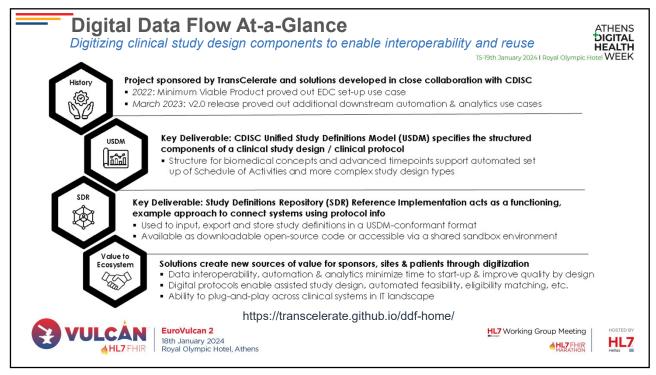
January 18, 2024

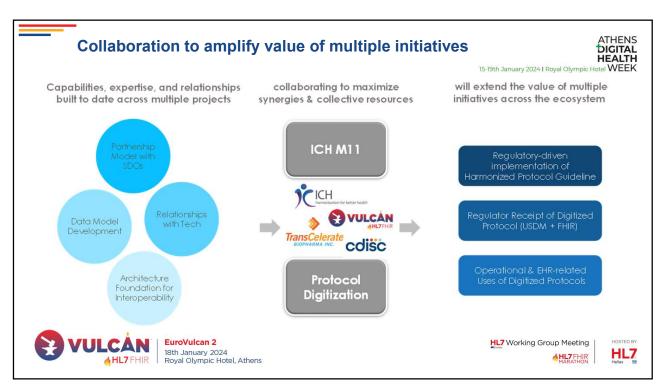


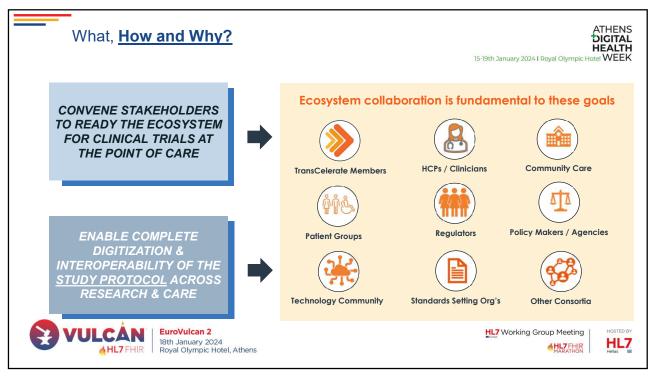












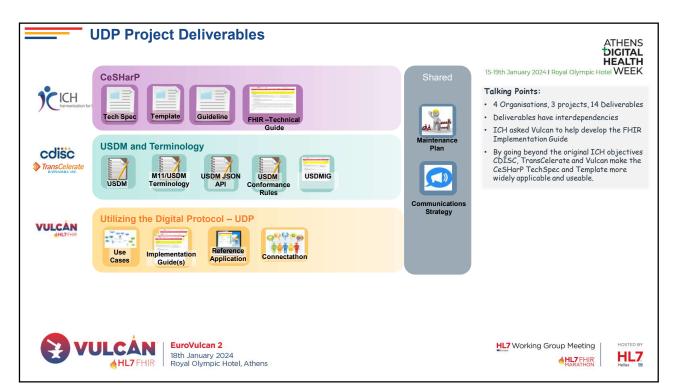


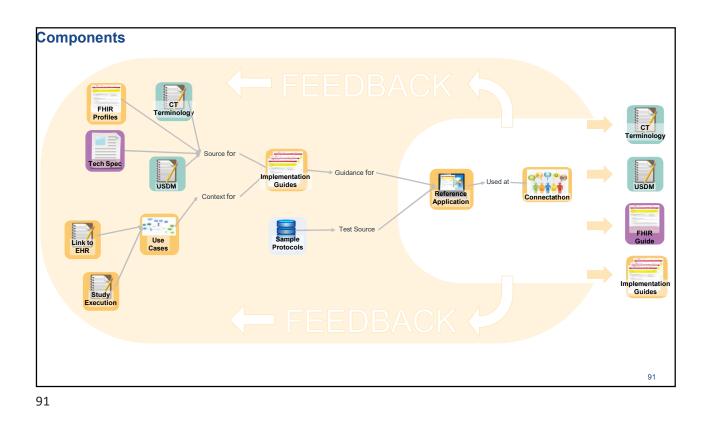


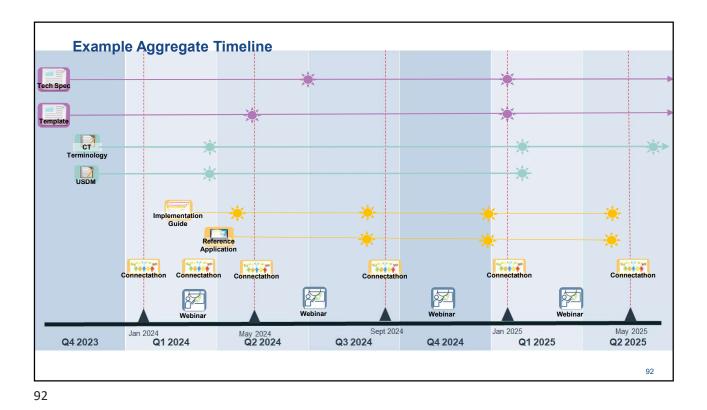
Q3.7 The Vulcan UDP Project Hugh Glover, Vulcan Technical Director

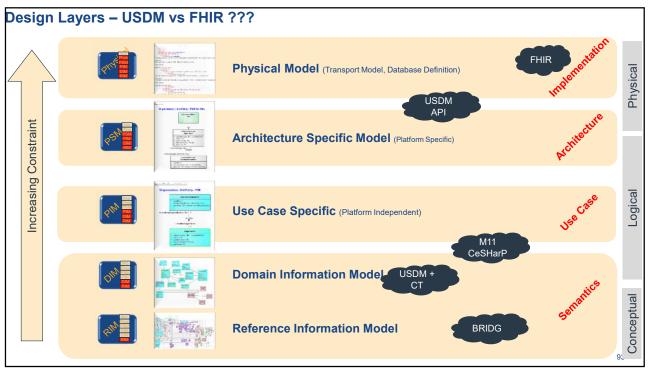
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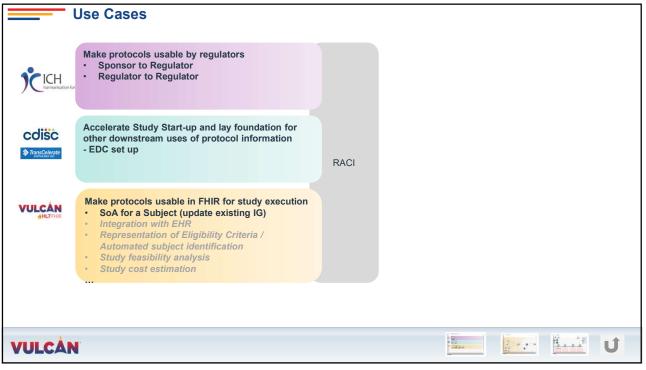




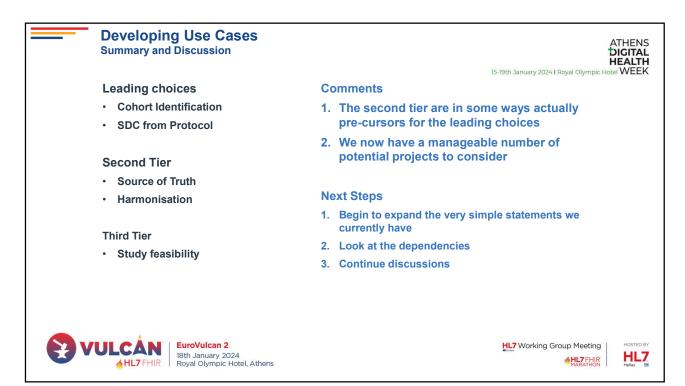








	Suggestions
AHL7FHIR	 Sponsor to Regulator Protocol Transmission (ICH) SoA for a Subject (update existing IG) (Vulcan)
	 Version management (e.g., difference simplification and participant correlations) Study estimated cost analysis Site-level qualifications (e.g., specialty, medical resources, etc.) Cohort identification / Eligibility / Capability Study feasibility (e.g., running SoA on sample data) Using a digital protocol as a single source of truth Harmonising Definitions of Terminology and Process Structured Data Capture derived from Protocol Definitions
VULCA	





Q3 Panel: Vulcan Utilizing the Digital Protocol / ICH M11 CeSHarP ATHENS DIGITAL HEALTH WEEK Panelists 1. History of Clinical Research Protocol Standardization: Rebecca Kush, Vulcan Advisory Council co-Chair 2. ICH M11 Clinical Protocol Template and Exchange Standard: Ron Fitzmartin (online), PhD, MBA, ICH M11 Rapporteur, U.S. FDA 3. The perspective of CROs in Europe: Yoani Matsakis, EUCROF The perspective of Academic Centers: Meletis Dimopoulos, 4. National and Kapodistrian University of Athens 5. Decentralized clinical trials (or elements in clinical trials): Christos Lionis, University of Crete 6. ICH M11, Digital Protocols: A Pharma Perspective: Rob DiCicco (online), TransCelerate BioPharma 7. The Vulcan UDP Project: Hugh Glover, Vulcan Technical Director EuroVulcan 2 HL7 Working Group Meeting HOSTED BY 18th January 2024 Royal Olympic Hotel, Athens HL7 HL7 FHIR **HL7** FHIR

