Pathology Innovation Collaborative Community

PICC

The Alliance for Digital Pathology

A collaborative community with FDA participation

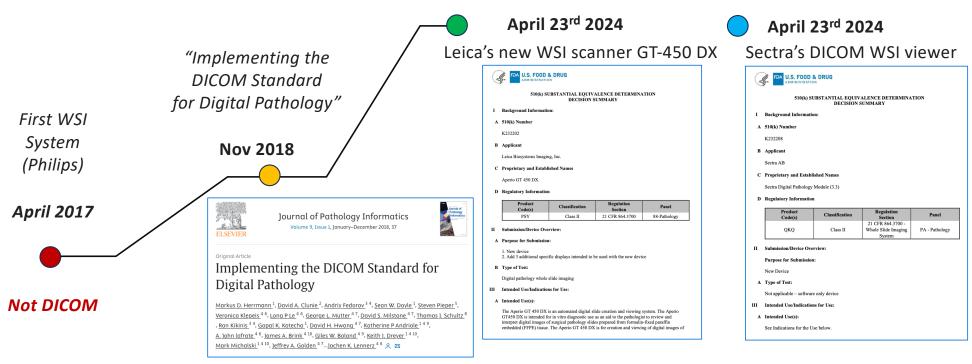
Steering Committee Meeting

April 2024 ²



FDA

MILESTONE: Two recent cleared WSI devices creating/using DICOM images



Sectra Digital Pathology Module (3.3) is intended for use with Leica's Aperio GT 450 DX scanner and Dell U3223QE display, for viewing and management of the ScanScope Virtual Slide (SVS) and Digital Imaging and Communications in Medicine (DICOM) image formats.

Aperio GT 450 DX is comprised of the Aperio GT 450 DX scanner, which generates images in the Digital Imaging and Communications in Medicine (DICOM) and in the ScanScope Virtual Slide (SVS) file formats, the Aperio WebViewer DX viewer, and the displays. The Aperio GT 450 DX is intended to be used with the interoperable components specified in Table 1.

Table 1: Interoperable components of Aperio GT 450 DX

Scanner Hardware	Scanner Output file format	Interoperable Viewing Software	Interoperable Displays
Aperio GT 450 DX scanner	svs	Aperio WebViewer DX	Barco MDPC-8127 Dell UP3017 Dell U3023E Dell U3223QE
Aperio GT 450 DX scanner	SVS	Sectra Digital Pathology Module (3.3)	Dell U3223QE
Aperio GT 450 DX scanner	DICOM	Sectra Digital Pathology Module (3.3)	Dell U3223QE

The Aperio GT 450 DX is not intended for use with frozen section, cytology, or non-FFPE hematopathology specimens. It is the responsibility of a qualified pathologist to employ appropriate procedures and safeguards to assure the validity of the interpretation of images obtained using the Aperio GT 450 DX.

Table 1: Interoperable Components Intended for Use with Sectra Digital Pathology Module (3.3)

Scanner Hardware	Scanner Output file format	Interoperable Viewing Software	Interoperable Display
Aperio GT 450 DX scanner	SVS	Sectra Digital Pathology Module (3.3)	Dell U3223QE
Aperio GT 450 DX scanner	DICOM	Sectra Digital Pathology Module (3.3)	Dell U3223QE

Vision

CDRH Mission, Vision and Shared Values



January 17, 2024: <u>CDRH 2023 Annual Report Now Available</u>: The report highlights CDRH's banner year for novel medical device authorizations, cybersecurity, mammography, digital health, and more.

MISSION:

The mission of the Center for Devices and Radiological Health (CDRH) is to protect and promote the public health. We assure that patients and providers have timely and continued access to safe, effective, and high-quality medical devices and safe radiation-emitting products. We provide consumers, patients, their caregivers, and providers with understandable and accessible science-based information about the products we oversee. We facilitate medical device innovation by advancing regulatory science, providing industry with predictable, consistent, transparent, and efficient regulatory pathways, and assuring consumer confidence in devices marketed in the U.S.

CDRH 2023 Annual Report

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Each year, the FDA's Center for Devices and Radiological Health (CDRH) publishes an Annual Report to highlight programmatic accomplishments. The 2023 Annual Report captures CDRH's banner year for novel medical device authorizations, cybersecurity, mammography, digital health, and more.



Read the Report (PDF - 11MB)



CDRH is

and innov



Center for Devices and Radiological Health

Collaborating with Innovators

We have long recognized that making our regulatory programs more effective, efficient, and predictable is only part of the puzzle, as innovators face a variety of challenges, including payor coverage and reimbursement. The road from concept to commercialization is fraught with obstacles, which is why it has often been called the "Valley of Death."

Over the years, we have increasingly taken actions to help innovators navigate various aspects of this challenging process that impact people's access to important medical devices. In early 2023, we launched a pilot of our Total Product Life Cycle Advisory Program (TAP) to proactively help innovators navigate the journey from concept to concellation, making it more predictable, efficient, and timely. We expanded the program in the fall of 2023 and plan to continue enrolling more innovators and their devices into TAP, with a goal of enrolling up to 325 by 2027.







Better Evidence Strategy for Faster Commercialization.



Accepted Devices Qualify for Priority Review.



Enables Strategic Relationship Building throughout the Device Ecosystem.



Expedites Innovation.



Facilitates High-speed FDA Interactions.

CDRH Issues 2024 Safety and Innovation Reports 202



Reports highlight CDRH actions to advance medical device safety and innovation build on these efforts this year.

FOR IMMEDIATE RELEASE April 17, 2024

The following is attributed to Jeff Shuren, M.D., J.D., director of the FDA's Center for Devices and Radiological Health (CDRH)

Today, CDRH is issuing two companion reports that detail the Center's commitment to further advance our core pillars of safety and innovation. The CDRH 2024 Safety Report is an update to our 2018 Medical Device Safety Action Plan and features steps we have taken in recent years to assure the safety of medical devices keeps pace with the evolving technology. The CDRH 2024 Innovation Report highlights our work to advance innovation and the progress we have made to make the U.S. market more attractive to top device developers.

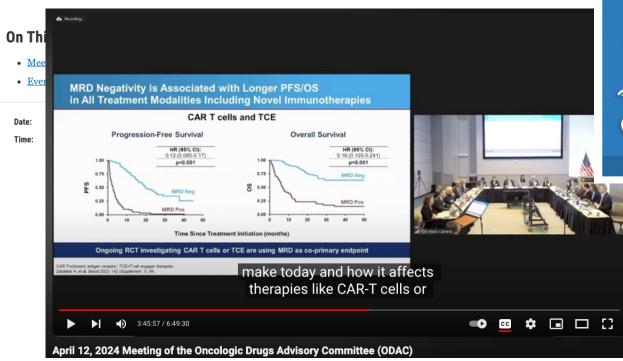


ADVISORY COMMITTEE MEETING | MIXED

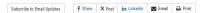
April 12, 2024 Meeting of the Oncologic Drugs Advisory Committee Meeting Announcement

APRIL 12, 2024

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Advisory Committees Give FDA Critical Advice and the Public a Voice





•Takyiah Stevenson, PharmD Center for Drug Evaluation and Research Food and Drug Administration 10903 New Hampshire Avenue WO31-2417 Silver Spring, MD 20993-0002

Phone: 301-796-7973 Email: ODAC@fda.hhs.gov

•FDA Advisory Committee Information Line

1-800-741-8138

(301-443-0572 in the Washington DC area)

Please call the Information Line for up-to-date information on this hearing.

•For press inquiries, please contact the Office of Media Affairs at Email: fdaoma@fda.hhs.gov or 301–796–4540

Medical Device Development Tools (MDDT)



Update: October 17, 2023

The FDA's Center for Devices and Radiological Health and the National Institutes of Health's (NIH's) National Cancer Institute are collaborating to support the small business community in developing innovative medical device development tools (MDDTs) through a new funding opportunity.

NIH/National Cancer Institute

<u>Topic 460 - NIH/NCI 460 - Evaluation Datasets as Medical Device Development Tools</u> for Testing Cancer Technologies

The funding opportunity is available for small businesses through $\bf November~14,~2023.$



CDRH Unveils New Dataset to Help Improve Chemical Characterization Methods for Biocompatibility of Medical Devices

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FOR IMMEDIATE RELEASE

April 16, 2024

The following is attributed to Jeff Shuren, M.D., J.D., director of the FDA's Center for Devices and Radiological Health (CDRH) and Ed Margerrison, Ph.D., director of the Office of Science and Engineering Laboratories (OSEL), CDRH Content current as of: 04/16/2024

Regulated Product(s)
Medical Devices

Tool (Link to SEBQ)	Product Area(s)	MDDT Category	Date Qua
The University of California San Francisco (UCSF) Lethal Arrhythmia Database (LAD)	Cardiology, Patient Monitoring	Other	03/2
Accelerated Testing to Prove Long-Term Material Biostability	Biostability	Non-clinical Assessment Model	08/0
Computational Tool Comprising Visible Human Project Based Anatomical Female CAD Model and Ansys HFSS/Mechanical FEM Software for Temperature Rise Prediction near an Orthopedic Femoral Nail Implant during a 1.5 T MRI Scan	Orthopedic, MR Safety Labeling	Non-clinical Assessment Model	03/3
CHemical RISk Calculator (CHRIS) - Color Additives	Toxicology, Biocompatibility	Non-clinical Assessment Model	11/2

Data as a Tool

CPR Lethal Arrhythmia Database

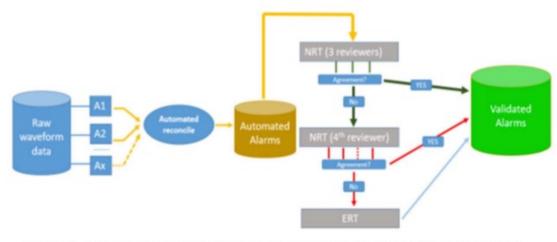


Figure 1. Overview of Validating Annotations in the Lethal Arrhythmia Database

MDDT Summary of Evidence and Basis of Qualification for

The University of California San Francisco (UCSF) Lethal Arrhythmia Database (LAD)

BACKGROUND

MDDT Name: The University of California San Francisco (UCSF) Lethal Arrhythmia Database (LAD)

SUBMISSION NUMBER: U220727

DATE OF SUBMISSION: October 3rd, 2023

CONTACT: Fabio Badilini, Director Center for Physiologic Research

Center for Physiologic Research,

Division of Cardiology, University of California San Francisco,

505 Parnassus Avenue, Room M1182A, Box 0124

San Francisco, CA 94143-0124 Email: fabio.badilini@ucsf.edu

TOOL DESCRIPTION AND PRINCIPLE OF OPERATION

The University of California San Francisco (UCSF) Lethal Arrhythmia Database (LAD) Medical Device Development Tool (MDDT) version 1.X.X is designed to test and report the performance of computerized methods to detect lethal cardiac arrhythmias in patient monitoring systems. USCF LAD is composed of a set of digital signals (ECG waveforms, SpO2, invasive arterial blood pressure and transthoracic impedance recordings), acquired in consecutive patients admitted to an Intensive Care Unit (ICU) which includes a large set of annotated lethal cardiac arrhythmias specifically: asystole

Catalog of Regulatory Science Tools to Help
Assess New Medical Devices

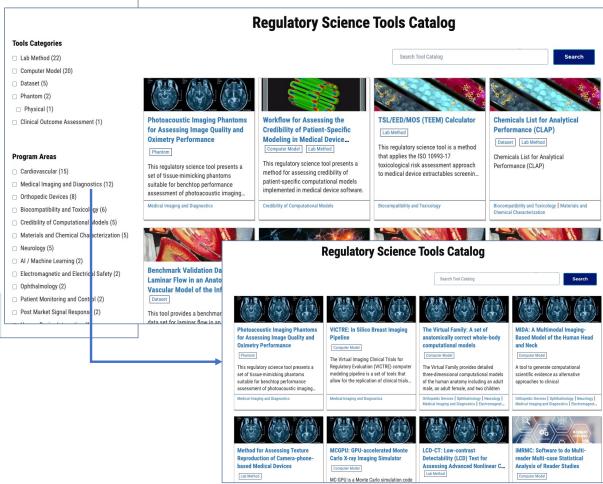
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Update: January 12, 2024: The FDA is providing an updated <u>Regulatory Science Tool</u> (<u>RST) Catalog</u> that will provide additional tool search capability allow for additional capacity as the catalog continues to grow.



About Manufacturer and User Facility Device Experience (MAUDE)



On this page:

- · Description of the MAUDE Database
- Limitations of Medical Device Reports (MDRs)
- Descriptions of Fields in the MAUDE database

Content current as of: 04/16/2024

Regulated Product(s)
Medical Devices
Radiation-Emitting Products

Topic(s)

Description of the MAUDE Database

The Manufacturer and User Facility Device Experience (MAUDE) database contains medical device reports (MDRs) of adverse events. To further promote transparency, the FDA has begun providing additional information in the MAUDE database, such as device and patient problems and patient demographic information. The FDA will continue to seek ways to improve the MAUDE database and the availability of MDR information.

The MAUDE database:

- · Contains the last ten years of MDR dat
- Will be updated every month to inclu previous month.

MAUDE Data Downloadable Files

This section provides downloadable zipped data files that consist of:

- Voluntary reports since June 1993
- User facility reports since 1991
- Distributor reports since 1993
- · Manufacturer reports since August 1996

This data is provided in zip files, which are updated monthly.

The MDR data is presented in tables and contains all publicly available information from the completed the <u>MEDWATCH Form 3500</u>. The FDA recommends downloading all types of files for the time period of interest.

Tip for Downloading Files

When downloading the MDR data files to a database such as Microsoft Access, we
recommend that you first open, then save the data file in Microsoft WORD. This will
add an "end of record" marker to each MDR record that can be recognized by
Microsoft ACCESS. For files such as the FOIDEV files, you may need to put in an
extra character at the end of the first record prior to importing the file, otherwise the
last column of data may be lost.

The following files are available: (File Sizes are approximate)

File Name	Compressed Size in Bytes	Uncompressed Size in Bytes	Total Records	Description
mdrfoi.zip	20019KB	185430KB	586204	MAUDE Base records received to date for 2024
mdrfoithru2023.zip	598951KB	5800337KB	18118160	Master Record through 2023
mdrfoiadd.zip	6664KB	61873KB	196195	New MAUDE Base records for the current month.
mdrfoichange.zip	29532KB	238353KB	720130	MAUDE Base data updates: changes to existing Base data.
<u>patient.zip</u>	3347KB	24846KB	585380	MAUDE Patient records received to date for 2024
patientthru2023.zip	95313KB	687674KB	18104231	Patient Record through 2023
<u>patientadd.zip</u>	1119KB	8341KB	196146	New MAUDE Patient records for the current month.
patientchange.zip	3612KB	23763KB	560810	MAUDE Patient data updates: changes to existing Base data.
<u>patientproblemcode.zip</u>	132307KB	1277965KB	18544264	MAUDE Patient records for problemcode
patientproblemdata.zip	11KB	25KB	998	Patient Problem Data
foidevthru1997.zip	6001KB	31217KB	136917	Device Data through 1997
foidev1998.zip	3205KB	17539KB	63440	Device Data for 1998
foidev1999.zip	2764KB	14798KB	52880	Device Data for 1999
device2000.zip	1932KB	9998KB	53114	Device Data for 2000
device2001.zip	2126KB	11075KB	59073	Device Data for 2001
device2002.zip	2321KB	12967KB	70384	Device Data for 2002
device2003.zip	2527KB	14242KB	77949	Device Data for 2003
device2004.zip	2803KB	14944KB	82887	Device Data for 2004
device2005.zip	3350KB	17711KB	99770	Device Data for 2005
device2006.zip	3966KB	21308KB	120486	Device Data for 2006
device2007.zip	4820KB	30277KB	172205	Device Data for 2007
device2008.zip	5521KB	34034KB	195474	Device Data for 2008
device2009.zip	6724KB	43739KB	243108	Device Data for 2009
device2010.zip	8724KB	56054KB	304407	Device Data for 2010
device2011 zin	11585KB	80802KB	446880	Device Data for 2011

Comment on Proposed Regulations and Submit Petitions



Making Your Voice Heard at FDA

Submit Comments Online

You can submit your comments on many of FDA's proposed regulations at ${\underbrace{Regulations.gov}}$

(See Instructions for using Regulations.gov)

Proposed Rules | Comment Online | Petitions

As a regulatory agency, FDA publishes rules that establish or modify the way it regulates foods, drugs, biologics, cosmetics, radiation-emitting electronic products, and medical devices—commodities close to the daily lives of all Americans. FDA rules have

CDRH Petitions



A petition is a way for individuals, regulated industry or consumer groups to petition the agency to issue, change or cancel a regulation, or to take other action. The agency receives about 200 petitions yearly.

Additional information about petitions can be found on the page: Making Your Voice
Heard at FDA: How to Comment on Proposed Regulations and Submit
Petitions

Note: All documents are in PDF format.

CDRH Petitions



AGILE REGULATION MORE ON THE CONCEPT

- Agile Regulation Framework: A flexible approach for regulators to adapt quickly to change, integrating agile processes and flexible regulations.
- Improvement Categories: Focus areas include enhancing internal processes, refining regulatory design, and promoting continuous learning within regulatory agencies.
- Implementation Strategies: Addressing challenges like resource constraints, strategies include fostering innovation through leadership, leveraging small teams, and integrating AI. Ideas like rethinking regulator-regulated entity relationships and promoting continuous feedback were discussed for enhanced agility.

Summary: Discussing Agile Regulation

March 5, 2024

Authored by:

Dylan Desjardins

More coverage from the "Building On Regulatory Foundations" event

On November 16, 2023, the George Washington University Regulatory Studies Center and the IBM Center for the Business of Government <u>co-hosted an event</u>, <u>Building on Regulatory Foundations and Bridging to the Future</u>, commemorating the 30th anniversary of Executive Order 12866 and 20th anniversary of Circular A-4. The event featured several breakout sessions, including one focused on agile regulation—a framework regulators can use to manage change at speed and scale.[1]



Your Clinical Decision Support Software: Is It a Device?

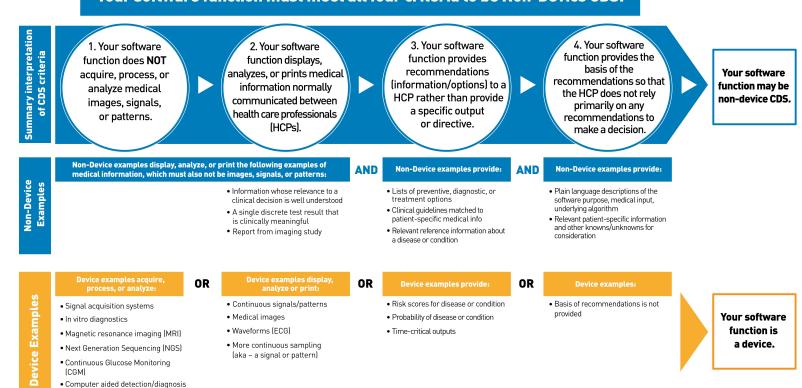


Update CDS vs. Device

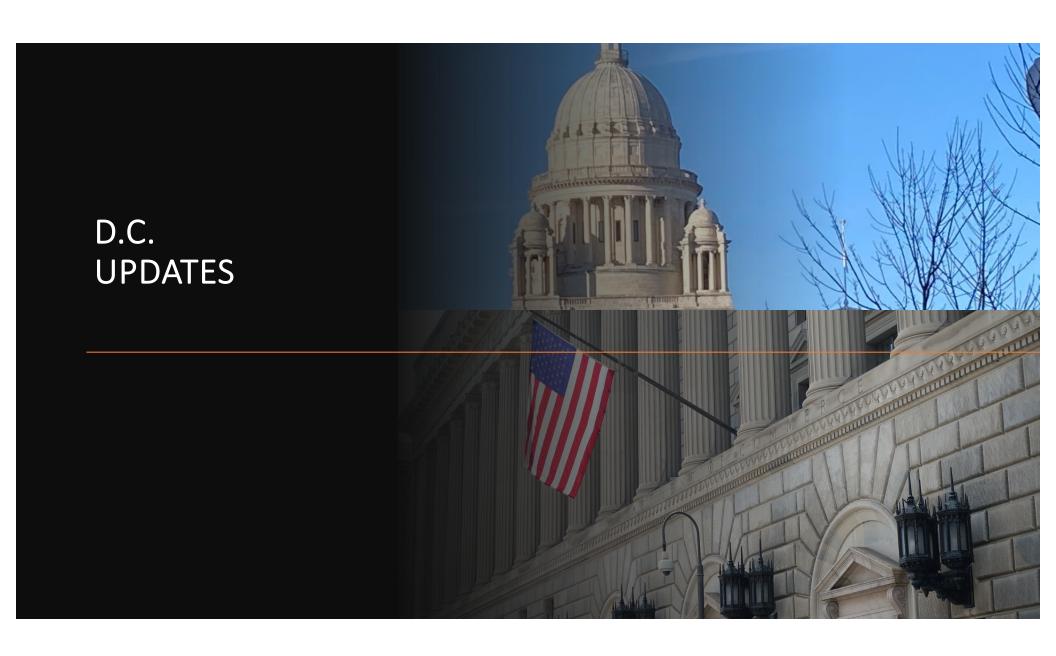
(CADe/CADx)

The FDA issued a guidance, Clinical Decision Support Software, to describe the FDA's regulatory approach to Clinical Decision Support (CDS) software functions. This graphic gives a general and summary overview of the guidance and is for illustrative purposes only. Consult the guidance for the complete discussion and examples. Other software functions that are not listed may also be device software functions.*

Your software function must meet all four criteria to be Non-Device CDS.



^{*}Disclaimer: This graphic gives a general overview of Section IV of the guidance ("Interpretation of Criteria in Section 520(o)(1)(E) of the FD&C Act"). Consult the guidance for the complete discussion. The device examples identified in this graphic are illustrative only and are not an exhaustive list. Other software functions that are not listed may also be device software functions.



Regulatory Review

U.S. General Services Administration Search: Agenda O Reg Review OICR

OIRA Conclusion of EO 12866 Regulatory Review

RIN: 0910-AI85 View EO 12866 Meetings Title: Medical Devices; Laboratory Developed Tests

Agency/Subagency: HHS / FDA

Unified Agenda

Concluded Action: Consistent with Change

Legal Deadline: None **Publication Date:**

Major: Yes

Home

Regulatory Flexibility Analysis Required: Yes

Federalism Implications: No

International Impacts: No

Pandemic Response: No

Received Date: 03/01/2024

Stage: Final Rule

Information Collection Review | FAQs / Resources | Contact Us

Concluded Date: 04/22/2024 Section 3(f)(1) Significant *: Yes Economically Significant **: No Unfunded Mandates: Private Sector Related To Homeland Security: No Small Entities Affected: Businesses

Affordable Care Act [Pub. L. 111-148 & 111-152]: No

Dodd-Frank Wall Street Reform and Consumer Protection Act, [Pub. L. 111-203]:

Note:

^{*} Following the issuance of E.O. 14094 on April 6, 2023, which amended Section 3(f)(1) of E.O. 12866, OIRA has designated regulatory actions as "Section 3(f)(1) Significant" if under that newly amended section of E.O. 12866 they are likely to result in a rule that may have an annual effect on the economy of \$200 million or more (adjusted every 3 years by the Administrator of OIRA for changes in gross domestic product); or adversely affect in a material way the economy, a sector of the economy, productivity, competition, jobs, the environment, public health or safety, or State, local, territorial, or tribal governments or communities. After April 6, 2023, OIRA no longer designated regulatory actions as "Economically Significant."

^{**} Between September 30, 1993, when E.O. 12866 was issued, and April 6, 2023, when E.O. 14094 was issued, OIRA designated regulatory actions as "Economically Significant" if under Section 3(f)(1) of E.O. 12866 they were likely to result in a rule that may have an annual effect on the economy of \$100 million or more or adversely affect in a material way the economy, a sector of the economy, productivity, competition, jobs, the environment, public health or safety, or State, local, or tribal governments or communities.



Executive Roundtable: Navigating the FDA's Laboratory Developed Tests Regulation

Webinar Banner Template - LDT-1

A DeciBio Consulting Webinar

Executive Roundtable: Navigating the FDA's Laboratory Developed Tests Regulation

When:

Tuesday, April 23, 2024

09:00 AM PT / 12:00 PM ET / 04:00 PM UK

Sign Up Now		
First Name*		
Last Name*		



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About

Insights

Regulatory Reckoning: Navigating the FDA's Laboratory Developed Tests Regulation White Paper

MARCH 19, 2024

WHITEPAPER

CLINICAL DIAGNOSTICS

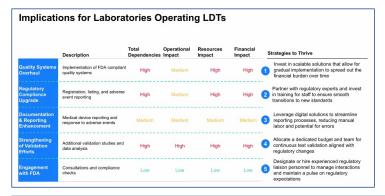


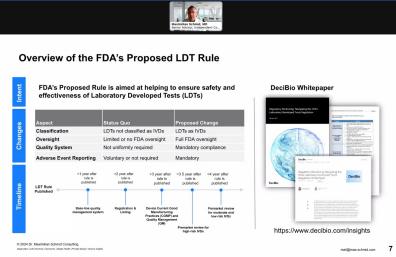


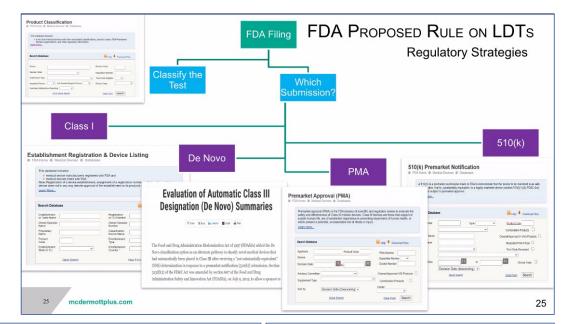


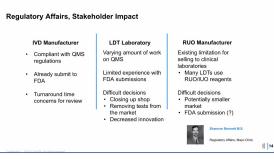
Maximilian Schmid, M.D.

Executive Roundtable: Navigating the FDA's Laboratory Developed Tests Regulation









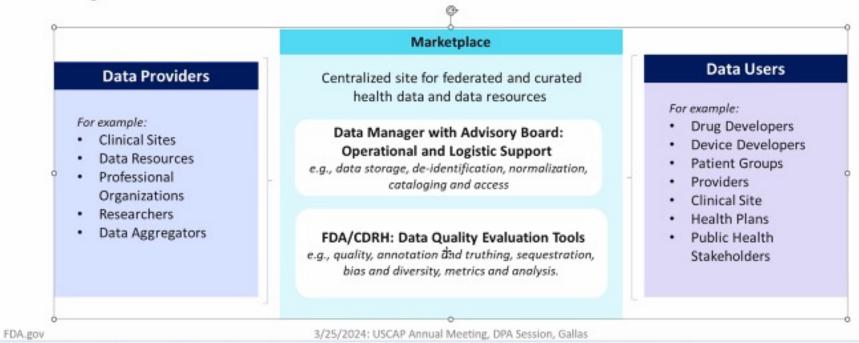


Call for Feedback!



ARPA-H FDA/CDRH Medical Imaging Data Marketplace

 A self-sustaining, federated, national marketplace to catalyze transformative medical and health AI innovations



OSEL Accelerating patient access to innovative, safe, and effective medical devices through best-in-the-world regulatory science

21

Call for Feedback!



ARPA-H FDA/CDRH Medical Imaging Data Marketplace

- A self-sustaining, federated, national marketplace to catalyze transformative medical and health AI innovations
- Network survey to provide feedback
 - https://investorcatalysthub.org/medical-imaging/
- · Email for more Information:
 - midm@arpa-h.gov



April 1st 2024 Meeting

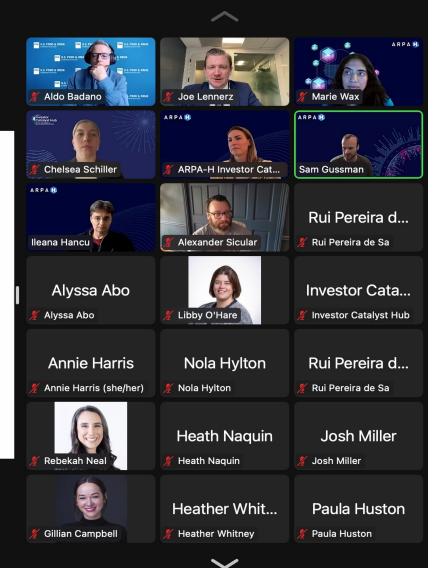
Medical Imaging Data Marketplace

APRA-H and FDA/CDRH partnership

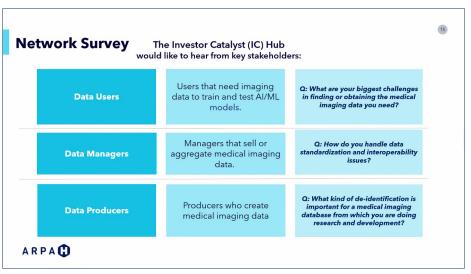
lleana Hancu (ARPA-H, Health Science Futures) Aldo Badano (FDA, OSEL/CDRH) Sam Gussman-Toh (ARPA-H, PATIO) Chelsea Schiller (Investor Catalyst Hub)

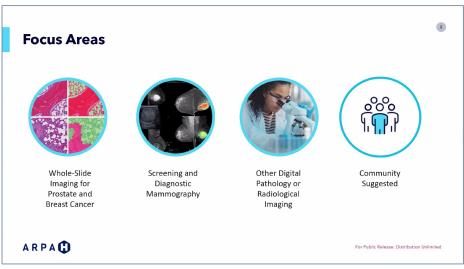
Prepared for External Audiences

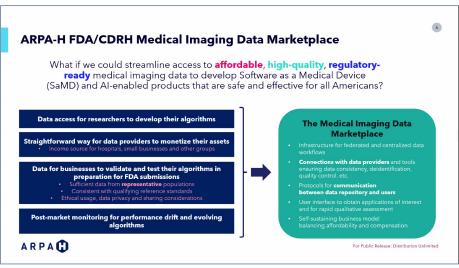
ARPA











CLIA Meeting

April 10th, 2024

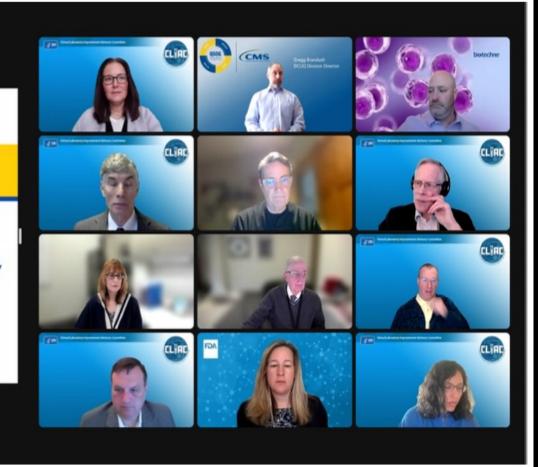


CMS CLIA Update



Gregg Brandush

Division of Clinical Laboratory Improvement and Quality April 10, 2024

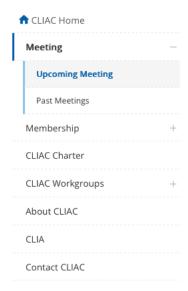


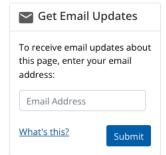


Search Q

Clinical Laboratory Improvement Advisory Committee (CLIAC)

CLIAC Home > Meeting





Upcoming CLIAC Meeting

Print

General information and meeting topics are published at least 15 calendar days in advance in the Federal Register, with detailed agendas posted prior to the meeting. Meetings are open to the public and are also webcast.

Please visit this page prior to and during the meeting to access information as it becomes available, such as updated agendas, presentations, and handouts. Public comments can also be submitted in advance of the meeting for consideration by the Committee.

Participant Information

The next meeting will be held on April 10, 2024, from 10:00 a.m. to 6:00 p.m., EDT. This is a virtual meeting. The agenda will include agency updates from CDC, CMS, and FDA. Presentations and CLIAC discussions will focus on the applicability of CLIA personnel requirements to preanalytic testing, the role of artificial intelligence and machine learning in the clinical laboratory, and the use of clinical standards to improve laboratory quality. Agenda items are subject to change as priorities dictate. Please check back for updates closer to the meeting date.

April 10, 2024 Meeting Documents

CLIAC April 2024 FRN I

CLIAC April 2024 Agenda 🔼

1 Outgoing Members 1

2 CDC Update 🔼

3 CMS Update 🔼

4 FDA Update 🔼

OHT7 Key Activities



Premarket Activities

- PMA, 510(k), De novo request reviews
- Investigational Device Exemptions
- Humanitarian Device Exemptions
- Pre-submissions
- Breakthrough designation requests
- Premarket inspections
- CLIA waiver applications
- CLIA categorizations

Postmarket Activities

- Monitoring and Surveillance
- Postmarket Inspections
- Postmarket Studies
- Recalls
- Compliance and Enforcement Actions
- Safety communications

External Engagement & Outreach

- External training and engagement
- Public meetings
- Conferences
- Town Halls
- Inquiry responses













Emergency Use

- Emergency Use Authorizations
- Cross-agency collaborations
- Stakeholder engagement, including Town Halls

Guidance

- Issue new guidances
- Update existing guidances
- Training and webinars

Program Development & Operations

- Internal training
- Performance tracking
- Data reporting



The Basics of Artificial Intelligence and Machine Learning

Alexis B. Carter, MD

Physician Informaticist and Molecular Genetic Pathologist Presentation for CLIAC on April 10, 2024

Plcc Project Updates





Picc Regulatory Landscape Survey

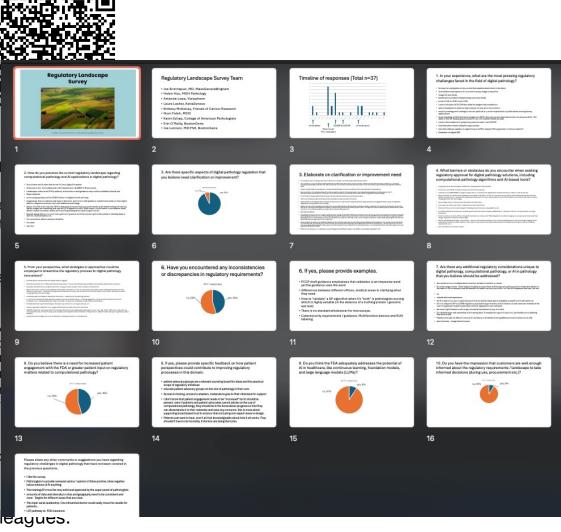
This survey aims to capture broad insights from stakeholders a industry, healthcare providers, patients, and advocacy groups prioritize key regulatory hurdles in these emerging fields.

When providing input, please consider that we are looking for squestions that can be addressed using regulatory science.

For example, we are not looking for generic statements about the field ("implemented faster"). The survey aims to collect elements that can be ac regulatory science methods ("There is a lack of standardized protocols a integrating AI decision support tools in digital pathology"). Collecting you shape collaborative efforts to address these challenges through regulator ultimately advancing the safety, effectiveness, and timely delivery of inno solutions to patients.

Participation is voluntary, and the results of this survey will be plice website.

Please feel free to share the survey with your colleagues.

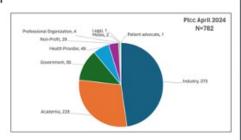


Instructions

- This slide deck will be used to present 2023 annual updates to senior leadership team in May 2024 for all collaborative communities
- Use the template on the following slides to create a succinct update
- All content must fit within the allocated space
- Follow the help text in italics when adding content

Plcc brings together a broad range of stakeholders to accelerate the development and delivery of regulatory science initiatives in the pre-competitive space that modernize the clinical practice of pathology.

- · Key aim: a clear path for regulation of pathology innovation through regulatory science
- Inclusive organization for all stakeholders to educate each other and tackle relevant questions by using and creating applicable regulatory science tools
- CDRH engagement through representative participation and contribution



Pathology Innovation Collaborative Community Plcc

Plcc is a temporary regulatory science initiative that aims to facilitate innovations in pathology as well as advance safety and effectiveness evaluation, and to harmonize approaches to speed delivery to patients using collaborative, pre-competitive approaches.

CDRH Liaison: Brandon Gallas

CDRH Executive Sponsor: Ed Margerrison

Collaborative Community Activities

2023 Goals

- Goals from 2022
- . Continue meeting and sharing . New projects launched: important information and activity in the field
- In-person working meeting D.C. area in collaboration with MDIC (convener of Picc)
- Additional meet-ups at conferences
 of member prescriptions
- Increase engagement through
- Grow website traffic and recognition of the website as a resource through increased social media presence

- Accomplished?

- Website traffic
- Additional
- · FNIH Meeting with key

2024

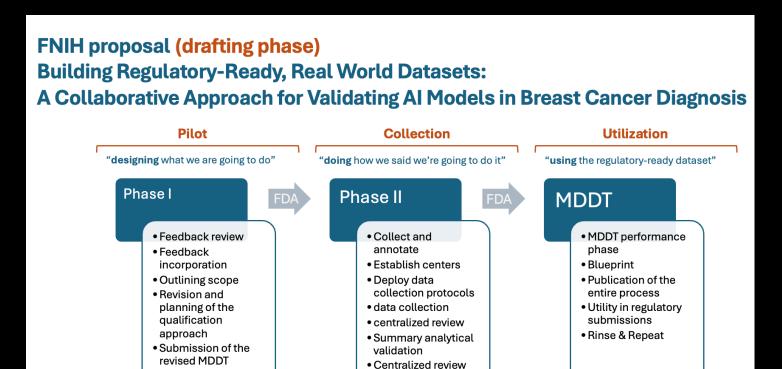
- Picc FNIH Project (multi-center data collection initiative). Multi-phase project
- Regulatory Science Landscape Survey
- · Capture key concerns in the community
- Share this on website and with FDA
- In-person meeting (Fall)
- Planning
- Publications
- CME course (jointly with FDA)
- MDDT submission experience



The Picc FNIH team (so far) => want to join please email us.



Plcc FNIH Proposal – initial draft submitted



Submit

proposal

Plcc FNIH Proposal – initial draft Feedback



SUBMISSION

PIcc-FNIH Summary Proposal

ease find attached the current summary version of our proposal. As you will see on the cc line, we have put together a great team. Please nsider this email as a nominal introduction to the whole team. The affiliations are included in the document.

April 22nd 2024

Feedback from FNIH **CSC Co-Chair Feedback**

Dear Brandon, Joe, and Team,

The FNIH Biomarkers Consortium Cancer Steering Committee (CSC) Co-Chairs have reviewed the proposal and their comments are summarized below to aid you as

s previously mentioned, we have assembled a distribution list of interested stakeholders who would like to be engaged in the development of this project. When you have incorporated the feedback from the CSC Co-Chairs are ready to share the concept document with this group, we are happy to distribute the proposal, compile feedback, and, if of interest, schedule a call what that group to discuss.

se let us know if you have any questions or suggestions. We are always happy to have a quick conversation if helpful

CSC Co-Chair Feedback

erall, the assembled team for this project is quite impressive, particularly with the inclusion of industry, FDA, and patient advocacy perspectives. The outlined scope and direction are compelling, and there is support for the science and direction of this project.

was noted that there is some reluctance around PD-L1 testing in breast cancer, citing issues with local vs. centralized testing. It was also raised that some view TILs in reast cancer as an academically-driven technology in search of an application. It was uncertain how Tills would be put eventually into an industry-sponsored of the commence of the commenc coadjuvant/adjuvant setting and may have a strong rationale for investment

Without a budget, it will be difficult for industry stakeholders to evaluate their likelihood of commitment, so the team will need to provide a rough estimate. A ballpark

The project could be strengthened by clarification of what will be done with the outputs generated by the Al. Additionally, including answers to the following questions

What are the parties (particularly industry) committing to? Specifically, will there be clinical data (including outcomes) that could lead to the development of this echnology as a selection marker?

-What will be the first question to be answered and why is it important? The terms used in the proposal are quite general For example, the Phases state:

Phase 1) Creation of robust data-collection tools and protocols, and an MDDT Proposal, and

Phase 2) Creation and MDDT qualification of a comprehensive digital H&E-based dataset of images, pathologist annotations (reference standard), and patient metadata that is required for assessing diagnostic accuracy and rigidality of Al models.

The proposal would be strengthened with more "so that we can xyz" included. Diagnostic accuracy of what? Reliability of Al models to do what?

May 22nd 2024 - 11AM (EST)

Discussion and Revision of the **Summary Proposal**