HTT Updates

[Wiki Main Page](#)

Current Update

[Link to Current HTT Project Updates](#)

31 May 2022: HTT Project Update

[Link to the full update, including](#)

- FDA-PIcc Discussion Series: Can AI Grand-Challenges inform Regulatory Science in Anatomic Pathology
- AACR Poster Presentation: "Tools for collecting pathologist annotations and understanding interobserver variability"
- Published Manuscript: "Three-Way Mixed Effect ANOVA to Estimate MRMC Limits of Agreement"
- Pathology Informatics Presentation: "Development of Pathologist Training Materials using Consensus Driven Annotations of sTIL Assessment in Breast Cancer"
- Published Manuscript, Garcia V, et. al,: "Development of Training Materials for Pathologists to Provide Machine Learning Validation Data of Tumor-Infiltrating Lymphocytes in Breast Cancer"

26 January 2022: HTT Project Update

[Link to the full update, including](#)

- 21 October 2021: PIcc featured at FDA/CDRH All Hands
- November 2021: Published Manuscript, Dudgeon, Sarah N. et. al. "A pathologist-annotated dataset for validating artificial intelligence: a project description and pilot study." J. Pathol. Inform. 1.45 (2021).
- Recording Available: Tour of HTTdev Repo
- Accepted Letter to the Editor of Nature Machine Intelligence. Gallas BD, et. al, "Research, Resources, and Collaboration: FDA Fosters Innovative Approaches"

30 September 2021: HTT Project Update

[Link to the full update, including](#)

- Execution of two Research Collaboration Agreements (RCAs)
- Shipment of eeDAP to Yale University for microscope-mode data collection
- Public Release of HTT Github Repository

23 October 2020: HTT Project Update

[Link to the full update, including](#)

- Call for Action and Request for Volunteers
- Submission of HTT Pilot Study Methods manuscript to the Journal of Pathology Informatics

9 December 2019: HTT Project Update

[Link to the full update, including](#)

- HTT Project Update
- MDDT Submission
- The Alliance for Digital pathology

2 April 2019: HTT Project Update

[Link to the full update, including](#)

- HTT Project Update
- HTT Project Call for Collaboration
- Quick info about FDA submissions for medical imaging algorithms

12 February 2019: Misc.

[Link to the full update, including](#)

- Request for 3D WSI image needing segmentation
- New manuscript by Brandon highlighting multiple-reader, multiple-case study design and analysis
- Short update on HTT project

01 December 2018: Project Planning and Infrastructure

[Link to the full update, including](#)

- Overview of HTT project: [Slides presented to collaborators.](#)
- Overview of HTT project will be presented to www.tilsinbreastcancer.org Dec. 6, 7am.
- Infrastructure overview: QuIP/caMicroscope/TCIA, Ashish Sharma Dec. 10, 11am.
    - **You are invited. WebEx info included.**

November 2018: Project Planning

[o the full update, including](#)

Scheduling meetings for to-do list
- USCAP data-collection event
- Use-case dev. & data-collection protocol
- Infrastructure
- Project plan

018: FDA high-throughput truthing project: Welcome

[, including](#)

he high-throughput truthing (HTT) project
ct proposal and collaborators
n https://nciphub.org/groups/eedapstudies

r 2018: Presentation at ECP 2018

[including](#)

valuating Computational Pathology at the US FDA and Related Research," by Brandon D. Gallas
he Computational Pathology Workshop at the European Congress of Pathology (ECP)

Mid-year project report on High-Throughput Truthing project

Presentation at Pathology Informatics 2018

[, including](#)

Reader Study on a 14-head Microscope," by Brandon D. Gallas
otions of studies executed at Memorial Sloan Kettering

: Augmented reality in the microscope eyepiece

018: Update on eeDAP studies and installations

s at Memorial Sloan Kettering
ation at CSHL
ccuracy studies and eeDAP MDDT
Throughput Truthing (HTT) project proposal
able to support HTT project

2017: High-Throughput Truthing Project Proposal

text of Use" and strategy for eeDAP MDDT
ccuracy studies
n eeDAP system to Memorial Sloan Kettering
tudy on 14-head microscope
ation at CSHL
sioner Scott Gottlieb visited Brandon Gallas' digital pathology lab

Update from Memorial Sloan Kettering using eeDAP

: Registration accuracy and update from Memorial Sloan
g eeDAP

ccuracy studies
study design

PI Summit 2017 and MDDT proposal

ut PI Summit, Pathology Informatics Summit 2017
sponse from FDA on the eeDAP MDDT proposal explaining delay
eeDAP into MDDT incubator phase
sion or Mock submission
ers have run eeDAP
ccuracy plans
SI WG meeting to happen at Pathology Informatics Summit 2017

: Philips de Novo and eeDAP MDDT

a

MDDT context of use be about technical performance only?

: Introductions to the eeDAP studies objectives

nce data for machine learning
performance to pathologist performance
ology Informatics Summit 2017
study plans and protocols
oup to test drive eeDAP