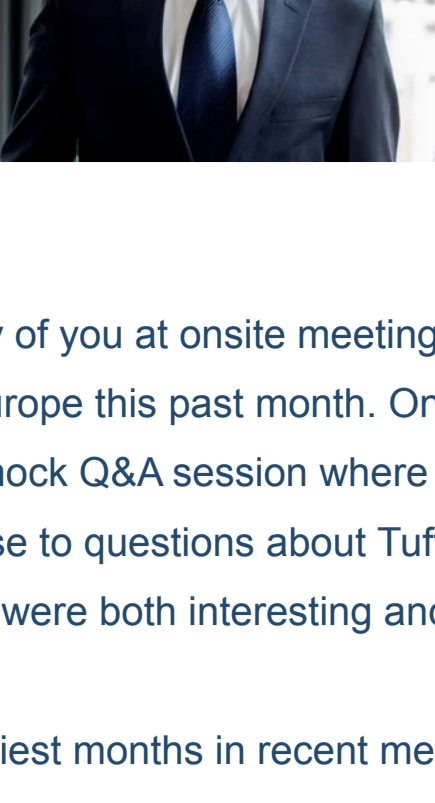


From the Executive Director



Dear CSDD Friends:

It was a pleasure to see many of you at onsite meetings, roundtables and conferences in the US and Europe this past month. One particularly memorable visit: I was presented with a mock Q&A session where ChatGPT was instructed to impersonate me in its response to questions about Tufts CSDD study findings and their implications. The results were both interesting and very humbling!

The Center had one of its busiest months in recent memory with new and ongoing project activity and several new staff joining our team. We held one of two senior executive roundtables examining sponsor and CRO adoption experience with risk-based monitoring (RBM) and risk-based quality management (RBQM) components. The second roundtable will be conducted in Geneva, Switzerland in late April. Please let us know if you would like to participate.

This past month the Tufts CSDD team also met with more than a dozen pharmaceutical and biotechnology companies — in collaboration with ICON — to examine a more detailed taxonomy characterizing CRO sourcing models and their relationship with clinical trial performance, efficiency and cost outcomes. Later this year we will be applying this taxonomy to a large sample of clinical trials.

This month, Tufts CSDD will begin constituting a new working group study to gather detailed financials on the total direct and in-direct costs associated with planning and executing clinical trials. This study represents the most comprehensive financial assessment on clinical trials that we have ever performed and will include costs borne by each stakeholder group participating in clinical trials including patients. Please let me know if your organization would like to learn more about participating in this study.

In April Tufts CSDD will be offering a professional development course for middle- and senior executives looking to hone their skills in managing alliances and collaborations. And in May, we'll be offering a new course for senior executives to lead and direct high performance cross-functional teams.

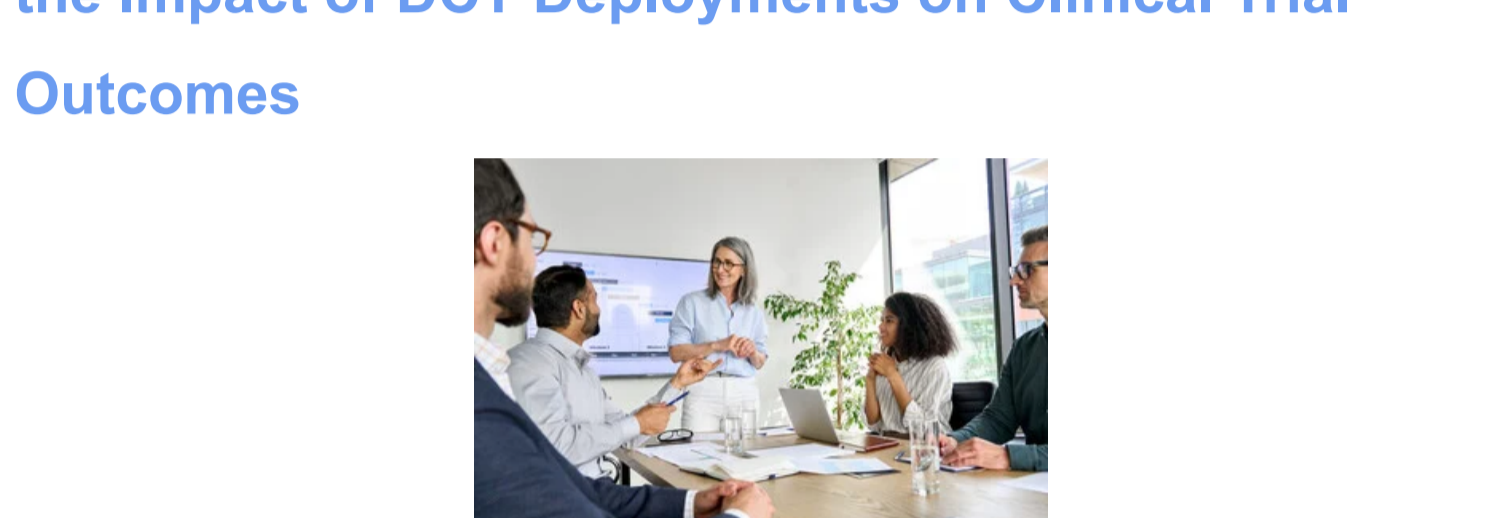
This *Insider* contains more information about these upcoming professional development course and other new and ongoing Tufts CSDD research activities. Please refer to our [website](#) or reach out to me directly at [Ken Getz](#) with any questions or to share your thoughts.

As always, thank you for your support and collaboration,

Kenneth Getz
 Executive Director and Professor



Professional Development Courses



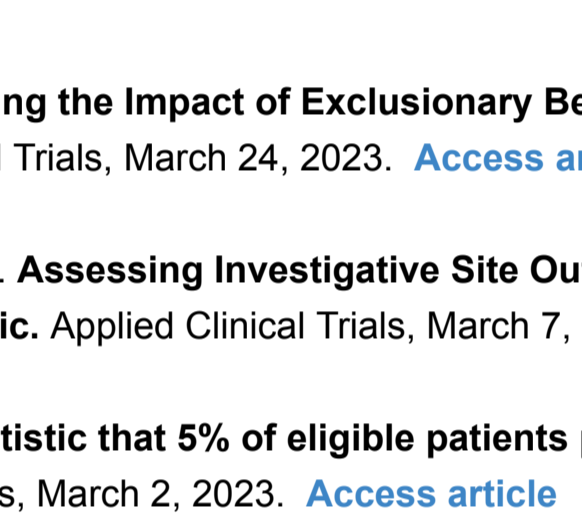
For spring 2023, Tufts CSDD is pleased to offer the following two programs for research executives:

An interactive half-day leadership workshop on April 20th, 2023 — [Better Together: Creating a Value Driven Partnership Network](#). This program is led and moderated by Christine Carberry (MS Certified Strategic Alliance, Professional (CSAP), Carberry Consulting) and Robert Franco (Senior Fellow Tufts CSDD and President, Coe Point Associates LLC.) and teaches participants how to conceive and apply alliance management strategies to optimize drug development planning and execution. For more information and to register — [Sarah Wrobel](#) or visit the Tufts CSDD [website](#).

An intensive four-day virtual course on May 23, 2023 — [Leadership for Drug Development Teams](#). Intended for research executives looking to build and sharpen their leadership skills and improve cross-functional team performance and productivity, this internationally-recognized program is facilitated by Dr. Robert Franco with an outstanding faculty. Course enrollees will have ample opportunity to interact with faculty and colleagues. To learn more about the course, receive the course agenda, or to register — contact [Sarah Wrobel](#) or visit the Tufts CSDD [website](#).

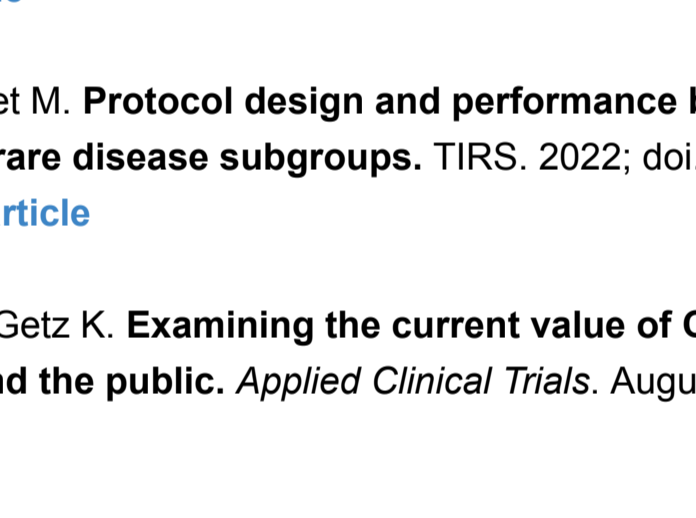
Working Group Studies

New Working Group Study Gathering Rich Data on the Impact of DCT Deployments on Clinical Trial Outcomes



Tufts CSDD is launching a new working group to gather, aggregate, analyze and disseminate metrics on actual experience with virtual and remote solutions supporting clinical trial execution. Participating companies will share de-identified hard data on the use of DCT solutions and their impact on performance and other clinical trial outcomes. For more information and if you would like to participate, please contact [Ken Getz](#).

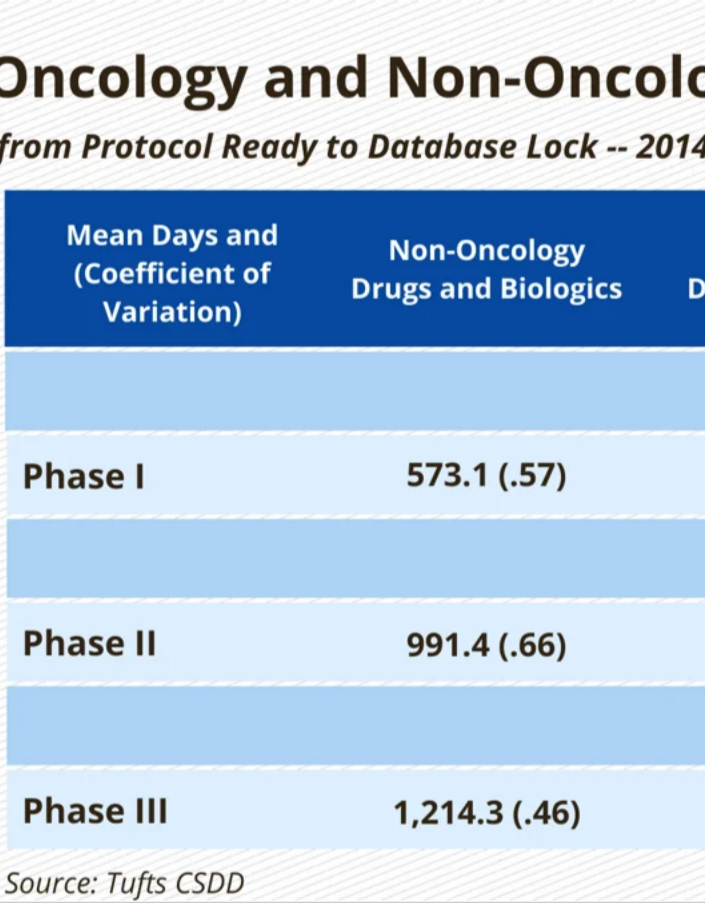
New Working Group Study Gathering Benchmark Metrics on Site Activation, Patient Enrollment, and Retention Experience Since The Beginning of the Pandemic



Tufts CSDD has launched a new working group study gathering benchmark metrics on site activation, patient enrollment and retention experience since the beginning of the global pandemic. We will gather recent clinical trial performance metrics to compare with pre-pandemic benchmarks to identify impact areas and opportunities to optimize start-up, recruitment and retention effectiveness. Contact [Mary Jo Lambert](#) for more information.

Research Highlights

Our Latest Impact Report



Prevalence and mean number of protocol amendments increasing across all phases

Tufts CSDD's March/April 2023 Impact Report (Volume 25, Number 2) is now available. This issue presents compelling new benchmarks on sponsor experience with protocol amendments, their causes and impact on clinical trial performance.

[Learn more](#) | [Purchase online](#)

Recent Publications

- Kim J. Y., Botto E. **Examining the Impact of Exclusionary Behaviors on Team Dynamics**. *Applied Clinical Trials*, March 24, 2023. [Access article](#)
- Dirks A., Harper B., Getz K. **Assessing Investigative Site Outlook and Operating Experience Post-Pandemic**. *Applied Clinical Trials*, March 7, 2023. [Access article](#)
- Getz K. **Rebooting the statistic that 5% of eligible patients participate in clinical trials**. *Applied Clinical Trials*, March 2, 2023. [Access article](#)
- Lamberti M. J., Dirks A., Howie R., Getz K. **An examination of the role of the clinical research associate and factors impacting performance and experience**. *Applied Clinical Trials*, December 22, 2022. [Access article](#)
- Kim, J. Y., & Shang, Z. (2022). **No, I do belong: Agentic identity work by Asian Americans to combat COVID-19 related racial microaggressions**. *Journal of Management Studies*, December 7, 2022. [Access article](#)
- Kim J. Y., Botto E. **Methods to recruit healthcare providers for virtual advisory boards in drug development**. November 17, 2022. [Access article](#)
- Getz K., Smith Z., Peachey J, Li G. **Leveraging Data Insights to Address the Perils of Linear Practices in Site Identification and Activation**. *Applied Clinical Trials*, October 18, 2022. [Access article](#)
- Smith Z, Botto E, Carney C, Bagga A, Qutab B, Getz K. **Insights from a Multi-company Workshop to Apply a Patient Participation Burden Algorithm to Protocol Data**. *Ther Innov Regul Sci*. October 16, 2022. [Access article](#)
- Kim, J. Y. & Meister, A. **How to Intervene When You Witness a Microaggression**. *Harvard Business Review*, September 30, 2022. [Access article](#)
- Getz K., Shah S., Luthle J., Travers M. **Redefining CRO Sourcing Model Terminology to Optimize Outsourcing Strategies**. *Applied Clinical Trials*, September 20, 2022. [Access article](#)
- DiMasi, J.A., Smith, Z., Oakley-Girvan, I. *et al*. **Assessing the Financial Value of Decentralized Clinical Trials**. *Ther Innov Regul Sci*. September 14, 2022. [Access article](#)
- Getz K. **Contemplating a Pressing Drug Development Paradox**. *Applied Clinical Trials*, September 7, 2022. [Access article](#)
- Botto E., Florez M., Allen A., Bhagat R., Getz E., Getz K. **Racial and Ethnic Disparities Among the Clinical Research Workforce: Insights and Opportunities**. *ACRP*. August 16, 2022. [Access article](#)
- Getz K., Smith Z., Kravet M. **Protocol design and performance benchmarks by phase and by oncology and rare disease subgroups**. *TIRS*. 2022; doi.org/10.1007/s43441-022-00438-5. [Access article](#)
- Moore E., Edwards K., Getz K. **Examining the current value of ClinicalTrials.gov listings for patients and the public**. *Applied Clinical Trials*, August 12, 2022. [Access article](#)
- Kim, J. Y., & Meister, A. **Microaggressions, Interrupted : The Experience and Effects of Gender Microaggressions for Women in STEM**. *Journal of Business Ethics*. [Access article](#)
- Lamberti M. J., Smith Z., Dirks A., Caruana T., Mitchell T., Getz K. **The Impact of Decentralized and Hybrid Trials on Sponsor and CRO Collaborations**. *Applied Clinical Trials*. 2022. [Access article](#)
- Getz K. **Quantifying Protocol Deviation Experience by Clinical Phase**. *Applied Clinical Trials*. 2022; volume 32, issue 6. [Access article](#)
- Florez M., Botto E., Foster Z., Seltzer W., Valastro B., Ashmore L., Getz K. **Improving Diversity in Clinical Trial Volunteer Participation by Addressing Racial and Ethnic Representation Among the Clinical Research Workforce**. *Applied Clinical Trials*. [Access article](#)
- Getz K., Florez M., Botto E., Ribeiro K., Goller G., Robinson L., Abdullah O. **Global Investigative Site Personnel Diversity and Its Relationship with Study Participant Diversity**. *TIRS*. 2022. Doi.org/10.1007/243441-022-00418-9. [Access article](#)
- Smith Z., Botto E., Getz K. **Quantifying Diversity and Representation in Pivotal Trials Leading to Marketing Authorization in Europe**. *TIRS*. 2022. Doi.org/10.1007/s43441-022-00421-0. [Access article](#)
- Kim, J. Y. & Botto, E. (2022). **The Impact of Gender Microaggressions on Team Performance in Drug Development**. *Applied Clinical Trials*. [Access article](#)
- Getz K., Smith Z., Jain A., Krauss R. **Benchmarking Protocol Deviations and their Variation by Major Disease Category**. *TIRS* 2022. [Access article](#)

Data Insights Digest

Oncology and Non-Oncology Clinical Trials Durations

(from Protocol Ready to Database Lock – 2014-2019)

Mean Days and (Coefficient of Variation)	Non-Oncology Drugs and Biologics	Oncology Drugs and Biologics
Phase I	573.1 (.57)	1,018.3 (.35)
Phase II	991.4 (.66)	1,481.7 (.62)
Phase III	1,214.3 (.46)	1,769.3 (.49)

- The duration of clinical trials for oncology drugs and biologics in each phase are considerably longer — by 12 to 18 months on average.

- The coefficients of variation around mean clinical trial durations for oncology and non-oncology drugs and biologics are comparable.

- Despite longer trial durations by phase, the average overall clinical duration for oncology development programs is only five months longer than non-oncology due to more parallel and phase II-III combination activity.

Source: Tufts CSDD

Subscribe today to get your copy of the [Tufts CSDD Impact Report](#).

Faculty and Staff Presentations

Upcoming Presentations

- [State of the Drug Development Industry](#)
Ken Getz, MBA
 Chief Medical Officers Summit
 Boston, MA | April 3 - 4
- [Quantifying the Value Proposition of DCT Deployment](#)
Ken Getz, MBA
 Inform Decentralized Clinical Trials
 Boston, MA | April 18 - 20
- [The Impact of DCT Use on Sponsor-CRO Relationships](#)
Mary Jo Lambert, PhD
 Inform Decentralized Clinical Trials
 Boston, MA | April 19
- [The Economics of Implementing Phase 0 Techniques – Methods for measuring Financial Value](#)
Joseph DiMasi, PhD
 4th International Phase-0/Microdosing Stakeholder Meeting: Intra-Target Microdosing (ITM): Revolutionizing Clinical Pharmacology and Drug Development
 Boston, MA | April 24
- [Innovation in Clinical Research: Why it Takes So Long to Adopt a New Solution](#)
Ken Getz, MBA
 MAGI East Conference
 Philadelphia | May 21 - 24
- [Sponsor-CRO Collaborations and the Impact of Decentralized Clinical Trials](#)
Mary Jo Lambert, PhD
 DIA Annual Meeting
 Boston, MA | June 26

Recent Presentations

- [Assessing Patient Engagement Capabilities and their Impact](#)
Ken Getz, MBA
 DIA Europe
 Basel, Switzerland | March 23
- [Examining Current Patient Engagement Activities and Investments within Sponsor and CRO Companies](#)
Ken Getz, MBA
 DIA Europe
 Basel, Switzerland | March 22
- [The Impact of Decentralized and Hybrid Trials on Sponsor-CRO Collaborations](#)
Mary Jo Lambert, PhD
 SCOPE Summit
 Orlando, FL | February 8
- [Panel Discussion - Navigating Global Crises: Pandemic War, Hyperinflation and Supply Chain](#)
Ken Getz, MBA
 SCOPE Summit
 Orlando, FL | February 7
- [Remote Teams in Clinical Research During the COVID-19 Pandemic](#)
Maria Florez, MA and Mary Jo Lambert, PhD
 Clinical Research Webinar
 Online | January 26-27
- [Clinical Operations and Clinical Outsourcing Roundtables](#)
Ken Getz, MBA
 Linking Leaders
 New York, NY | January 17 - 18
- [New Insights into Managing Investigative Sites to Optimize Patient Enrollment Diversity](#)
Ken Getz, MBA
 Evolution Summit
 Orlando, FL | December 8
- [Clinical Research Professionals and the Shift to Remote Work During the COVID-19 Pandemic](#)
Maria Florez, MA and Mary Jo Lambert, PhD
 Clinical Operations in Oncology, Virtual Conference
 Online | December 1
- [Measuring the Impact of the Performance and Drug Development Productivity and Performance](#)
Ken Getz, MBA
 Outsourcing Clinical Trials New England
 Boston, MA | November 10
- [Digital Transformation and Clinical Research Team Effectiveness](#)
Maria Florez, MA
 Clinical Trials Europe
 Online | November 2-4
- [Impact of Running Clinical Trials During the Pandemic and Lessons Learnt](#)
Ken Getz, MBA and Maria Florez, MA
 Clinical Trials Europe
 Online | November 2-4
- [Where Has the Industry Been, and Where Should it be Going?](#)
Joseph DiMasi, PhD
 Speid Associates, Inc and Brown University Medical School
 Online | November 2-4
- [Increasing Efficiency and Reducing Cycle-Times in Drug Development: Multi-Stakeholder Views on the Topic](#)
Zak Smith, MA
 Clinical Trials Europe
 Online | November 3
- [Optimizing protocol design to improve performance and efficiency](#)
Ken Getz, MBA
 Clinical Trials Europe
 Online | November 2

Subscriptions Papers and Books

[Purchase Impact Reports](#)

[Download White Paper](#)

Become a Corporate Sponsor or donate to support our critical mission of providing data-driven analysis and strategic insight to improve the efficiency and productivity of pharmaceutical development.

[About Tufts CSDD](#)

[Support Tufts CSDD](#)

