NYU Langone Medical Center Launches Clinical Research Data Management Resource

A new Core resource to support the collection, processing and management of clinical research study data is being launched by NYU Langone Medical Center (NYULMC). **DataCore**, based in the Medical Center IT Department and overseen by the Clinical and Translational Science Institute and its Population Health, Biomedical Informatics and Translational Library Programs will provide a range of services. Key amongst these services is the development of data management, data integrity monitoring and electronic data capture components of grants and protocols. Experience thus far has indicated that the participation of the Core in grant and protocol develop will strengthen the study and increase the probability of peer-review, competitive funding. DataCore will also include capabilities that leverage the NYULMC Enterprise Data Warehouse and the use of large clinical linked to 'omics' datasets in research. The clinical research data management goals of DataCore are to:

- improve the quality of clinical research projects;
- ensure the highest level of data integrity;
- assist in meeting regulatory requirements for clinical research; and
- enable NYULMC to become more competitive for grant and contract funding.

DataCore will make extensive use of currently available and new electronic data capture (EDC) systems and can develop clinical research study systems and registries to streamline data collection and facilitate data integrity monitoring. DataCore will also offer consultations to researchers on study development, the selection and development of EDC systems, research forms design and the use of related technologies. DataCore will also provide educational seminars, develop a forms library and assist in the development of data standards.

If requested, DataCore will help researchers with budget development. DataCore will use several uniquely tailored EDC and data management options to accommodate the amount of funding clinical researchers have for specific projects. The services that DataCore hopes to provide range from a do-it-yourself system that would be free of charge using NIH CTSA funded software- REDCap , to a comprehensive service which includes data management, data integrity monitoring, electronic data capture systems development and regulatory reporting.

It is envisioned that DataCore will become a long-term resource for clinical research investigators and will position NYULMC as a clinical research center with strong data management and systems development expertise. DataCore will result in an expansion of our current Data Coordinating Center that provides support for large, long-term multicenter projects.

For more information, please contact Alex Bragat (Alexander.Bragat@nyumc.org) or James Robinson (James.Robinson@nyumc.org). In order to obtain the full benefit of

the Unit's expertise, it is recommended to involve DataCore as the study is being developed, rather than once it is underway.

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