PRESS RELEASE

Basel, Switzerland, November 15th, 2019.

Clinerion partners with Semedy to incorporate Semedy's Clinical Knowledge Management System technology into Clinerion's Patient Network Explorer.

Clinerion will implement Semedy's Clinical Knowledge Management System (CKMS) to manage and maintain the terminologies in Patient Network Explorer provided by the partners in Clinerion's hospital network around the world.

Semedy's Clinical Knowledge Management System (CKMS) will empower Clinerion's Patient Network Explorer to integrate, manage and maintain multilingual terminologies, ontologies, and data dictionaries provided by Clinerion's different hospital partners around the world. The various terminologies will be mapped to commonly used ones such as ICD10, ATC, SNOMED and LOINC. The resulting integration will enable scalable information exchange, semantic interoperability, and advanced analytics.

This complements Clinerion's pre-existing proprietary patent-protected Ontology Management System by providing a system for managing and mapping the database of terminologies and ontologies powering Patient Network Explorer as Clinerion's network of partner institutions continues to expand.

An advanced semantic reasoning engine powers Semedy's knowledge management system to guarantee semantic and structural integrity of any knowledge base. The system includes an extensible and collaborative authoring environment, version control and lifecycle management, dynamic and static links between knowledge assets, and import and export services. CKMS can be used to curate and link terminologies, ontologies, information models, and decision support rules, among other types.

Patient Network Explorer is connected to hospitals and healthcare organizations around the world, currently comprising over 74 M patients in 135 sites in 19 countries. Data across the platform is harmonized and this allows users to query all the live hospitals in the network simultaneously, giving researchers a view over the entire patient data pool at once, for further analysis.

"Semedy is excited with the opportunity to contribute to Clinerion's data integration and interoperability efforts," says Roberto Rocha, Managing Director of Semedy. "We believe that our knowledge management platform will help Clinerion integrate and semantically enhance clinical

data assets from multiple countries."

"As Clinerion's hospital network expands into more countries – and therefore more, different hospital information systems – Semedy's knowledge management system will enable Patient Network Explorer to manage all the different terminologies, ontologies and dictionaries much more powerfully and flexibly," says Ian Rentsch, CEO of Clinerion. "This will ease and speed up implementation of our system throughout the world."

About Clinerion

Clinerion accelerates clinical research and medical access to treatments for patients. We use proprietary technologies for analysis of patient data from our global network of partner hospitals. Clinerion's Patient Network Explorer radically improves the efficiency and effectiveness of clinical trial recruitment by offering data-driven protocol optimization, site feasibility evaluation and real-time patient search and identification to match patients to treatments. Our technology solution provides real-world evidence analytics for medical access. Clinerion facilitates the participation of partner hospitals in leading-edge, industry-sponsored trials and time savings in patient recruitment. We create innovative and disruptive fit-for-purpose solutions which enable pharmaceutical companies to shorten patient recruitment and save costs by streamlining operations and leveraging strategic intelligence. Clinerion's proprietary Big Data analytics technologies leverage real-time data from electronic health records which comply with international patient privacy and data security regulations. Clinerion is a global data technology service company headquartered in Switzerland.
Clinerion website: www.clinerion.com
Clinerion's Patient Network Explorer:
www.clinerion.com/index/OverviewOurSolutions/ClinerionPatientNetworkExplorer

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About Semedy AG

Semedy provides integrated knowledge and content management solutions through software products, content services, and consulting. Semedy's advanced software platform, the Clinical Knowledge Management System (CKMS), manages knowledge and content for electronic health record systems, data warehouses, and other healthcare IT systems. Customers use CKMS to curate and manage terminologies, ontologies, value sets, order sets, medical device catalogs and clinical decision support rules, among other types. Semedy's international team includes experienced knowledge engineers, clinicians, informaticists, data scientists, and software engineers with a common goal to create sustainable, enterprise-wide knowledge management solutions.

Semedy website: www.semedy.com

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