Cycorp Case Study

HIGHLIGHTS

Goal: For Cleveland Clinic to improve its efficiency in identifying cohorts for clinical trials and in reporting procedures and outcome data.

Solution: Cycorp’s Semantic Research Assistant software enabled CCF medical personnel to easily and rapidly specify ad hoc queries to support their own clinical research and to support CCF’s quarterly external reporting requirements.

Results: Answers to researchers’ clinical queries can be obtained in minutes rather than the weeks (or even months) required when the process was manual. This allows greater pre-trial exploration during cohort formation: Ten queries could be formulated and asked and answered in one afternoon instead of one year.

Building on the same Cyc-based knowledge models, an automated data reporting capability was implemented and was certified by both the Society of Thoracic Surgeons and the American College of Cardiology. Report generation times were reduced by 35% and many errors in reports were caught and corrected for the first time.

CUSTOMER PROFILE

Cleveland Clinic
www.clevelandclinic.org

Cleveland Clinic is a nonprofit, multispecialty academic medical center that integrates clinical and hospital care with research and education. Cleveland Clinic is one of the largest and most respected hospitals in the country.

Headquarters: Cleveland, OH
Industry: Healthcare

For a more detailed description of how Cyc and the SRA are benefitting the Cleveland Clinic, see “Harnessing Cyc to Answer Clinical Researchers’ ad hoc Queries” in AI Magazine, Fall, 2010.