

**Assessment Documentation: Implementation of Electronic Health Record System in  
an Assisted Living Facility**

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### Abstract

**Purpose:** To analyze if the use of an electronic medical record (EHR) system improves the timeliness and completeness of the patient physical health assessment at an assisted living facility.

**Design:** Quality Improvement (QI) design: Application of EHR was analyzed using participant data on handwritten and electronic patient physical health assessment charting.

**Key Words:** Electronic health record, urban assisted living facility, compliance, evidence-based practice, time-duration, chart completion.

**Methods:** The data was collected in a 2-month period and analyzed using International Business Machines Corporation (IBM) Statistical Package for Social Sciences (SPSS) version 20.0 software (SPSS) to determine record completeness and timeliness.

**Findings:** Results indicate a 14.5% time decrease after EHR implementation, and increase in completeness from 25% to 90%. Participant views on the software stayed consistent in support of implementation of the EHR, indicating that the implementation of an EHR system improved charting time and completeness.

**Conclusions:** These findings suggest that the project could be duplicated to determine if a larger study with a longer time frame would make a difference in the outcome.

Currently the findings indicate that in one small urban assisted living facility, implementation of an EHR system did improve patient physical health assessment timeliness and completeness.