Reimagining Quality Reporting using the OMOP CDM NOTE_NLP Table: A Pilot

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INTRO
The Healthcare Effectiveness Data and Information Set (HEDIS®) is the gold standard in healthcare performance measurement, used by more than 90 percent of the nation’s health plans and many leading employers and regulators [1].

THE CHALLENGE
HEDIS measures are labor intensive. Manual abstraction of required data costs health providers nearly $15.4B annually and over 40% of their worker’s time [2].

OUR PILOT
Can hybrid measures (structured and unstructured data) be assembled in a more streamlined, standardized way?

TEST CASE
Breast Cancer Screening (BCS)

Manual chart review is so 1999.
It is time to bring quality measures into the 21st century with the power of NLP and the OMOP Common Data Model.