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# Internal Provider Scorecard

Customer Case Study – A Radiology Practice



## Business Need

Determining an objective assessment of quality of care to patients based on standard clinical measures.



## Customer Challenges

- Data quality
- Complexity of clinical data and data pipeline



## Solution Provided

Syntelli developed codes to implement a longitudinal study analysis on every exam globally and per provider. Key measures were deduced from the result and provided a comprehensive report.

Measures (globally and per provider):

- Negative screenings vs recall rates
- Screening and diagnostic false positive rates
- Screening and diagnostic cancer detection rate
- Cancer Positive Predictive Value (PPV) rate
- Screening and diagnostic specificity
- Screening and diagnostic sensitivity



## Impact of Solution

- Provided an objective evaluation of patient care
- Identified opportunities to improve care and data entry



## Technology Used

- Clinical Data
- Complex SQL Procedures