

3M FileInspector Toolbox for coding, casemix control and quality

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May 30, 2024

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FileInspector / Stakeholders



Medical Controlling

- Quality of Coding of current and already discharged patients
- Development of individual coding proof rule sets
- Using 3M Reimbursement Rule Set
- Monthly reporting and analytics



Financial Controlling

- Monthly reporting
- Ad hoc analysis
- Case Mix management / anticipating hospital reform act and regulatory changes in reimbursement
- Budget negotiations – automated filling of forms
- Cost comparisons according to InEK calculation and revenue allocation/split to service lines



Quality Management

- Using different quality indicator rule sets (G-IQI, PSI) which relate to the German MBDS
- Create individual quality indicators
- Frequent reportings



Solventum Benchmark projects

- Mass data processing (500+ hospitals)
- KPI calculation
- Quality indicators (GIQI, PSI)

FileInspector

Functions



Workplace

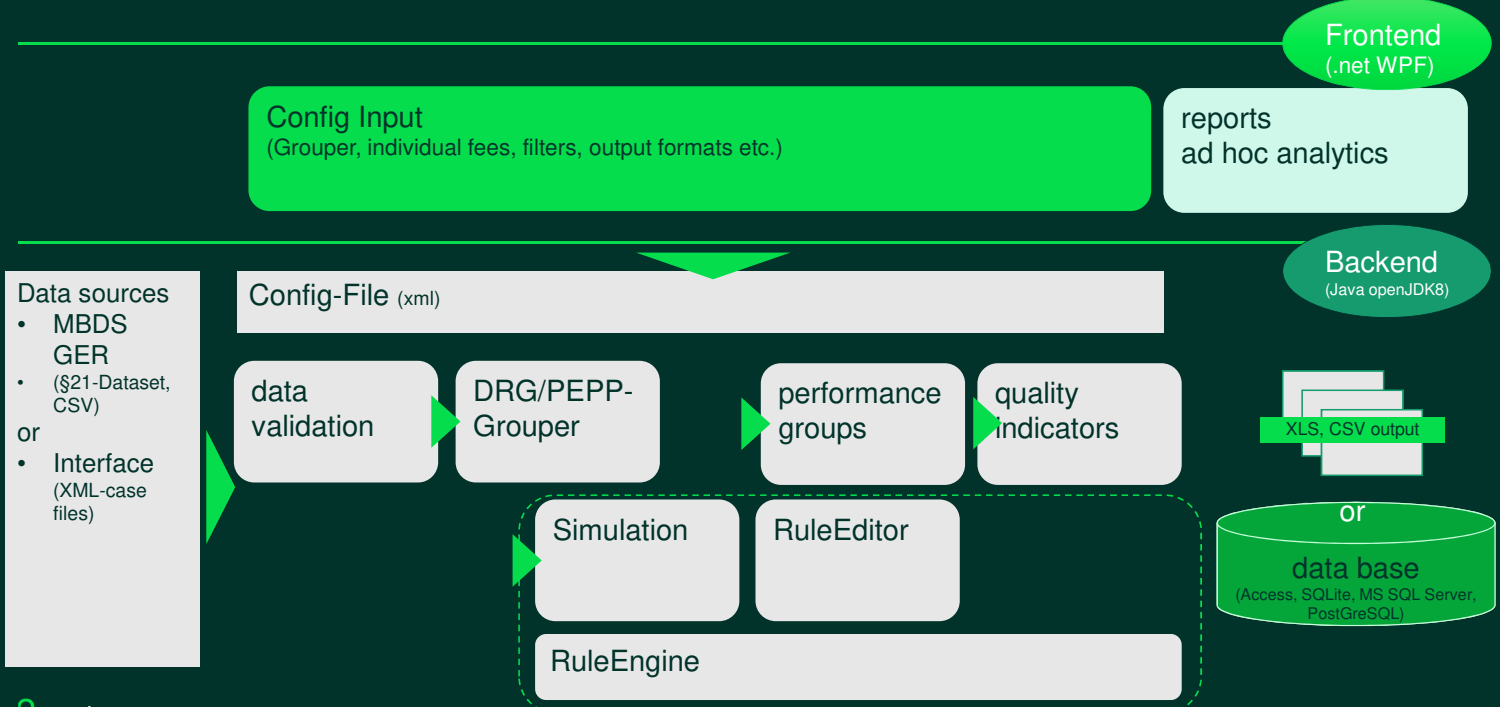
- Grouper and transitional grouper versions
- hospital individual pricing agreements
- DRG, additional fees, CMI, CM, ALOS, ICD, OPS (procedures) and many more.
- Adjusted InEK reference cost
- Service line revenue distribution (DDMI method)
- AEB Forms (for budget negotiation)
- Database or xls-/csv-output

Modules (optional)

- Potentially Outpatient Surgery (PPA) ★
- Simulation (large population)
- Simulation (single case)
- Asklepios Hospital Service Groups
- (NRW) Hospital Service Groups
- Coding Rules Checks
- Quality Indicators (G-IQI, PSI) ★
- Mental Health (PEPP-Grouper)
- Ad hoc Analytics

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Technical overview



Simulation

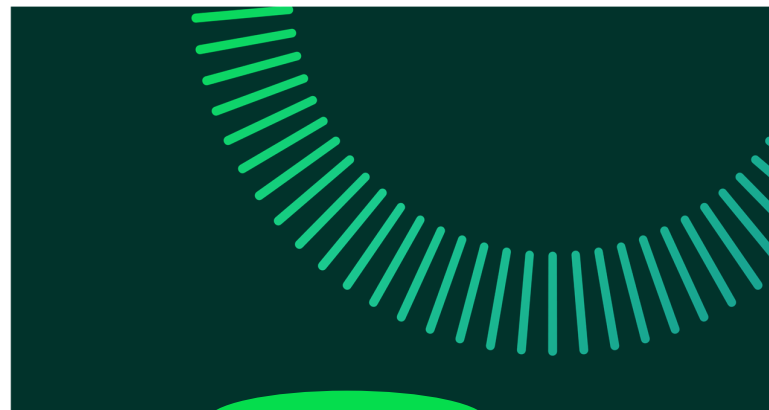
Why?

- Impact of grouper relevant items on large case populations
- Simulation of the impact of upcoming changes of the DRG system in next version
- Newly introduced diagnoses or procedures which are not represented in historical data
- Estimation of overall financial risk if diagnoses/procedure codes would not be accepted by insurance (reimbursement audits)
- Structural or processual changes
 - Planned facilities which allows application of additional codes to get into DRG specialties
 - shortage of billable LOS by insurance

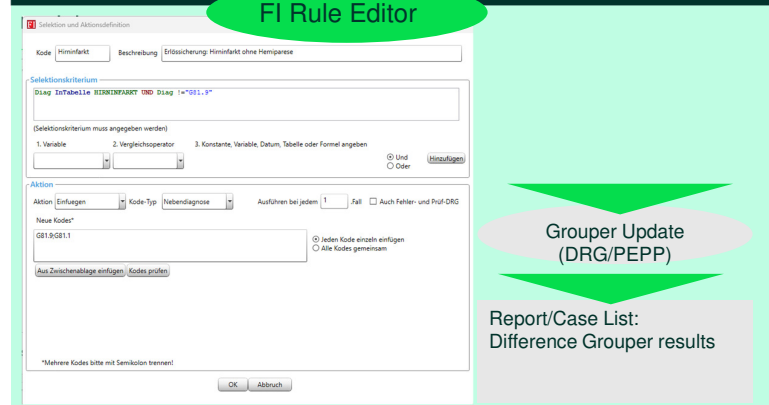


Simulation (batch mode)

- Easy-to-use
- Modification of grouper relevant items
 - Diagnoses (PDx, SDx)
 - Procedures
 - Admission weight (new bornes)
 - Length-of-Stay
 - Ventilation hours
 - Admission/discharge type
- Modification types
 - Add, change, delete
 - For numeric values also modifications with formulas possible
- Complex case selection criterias applicable
- Recalculation of billing amount and storage of simulation results



FI Rule Editor



Grouper Update (DRG/PEPP)

Report/Case List: Difference Grouper results

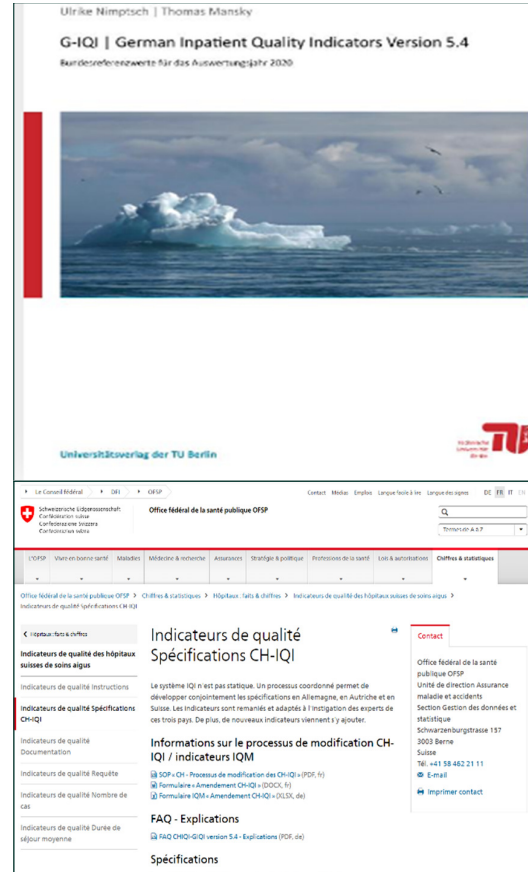
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G-IQI German Inpatient Quality Indicators

- 400+ quality indicators which cover up to 60% of case population
 - Based on German MBDS data set
 - Expected rates (risk adjusted) and national rates in order to identify conspicuous outcome
 - Useful for
 - Internal outcome goals
 - Education: regular internal mortality conferences
 - Improvements: Peer reviews with external advisers
- Continuous maintenance of QI in collaboration with IQM (Initiative Qualitätsmedizin e.V. with more than 500 German and Swiss hospital) and Technische Universität Berlin
- Usage of QI in related software like FileInspector, ScorePortal and QS

Reference:

[Doku 3M GIQI V54 2023 Deckblatt \(initiative-qualitaetsmedizin.de\)](#)
[G-IQI – German Inpatient Quality Indicators Version 5.4 \(tu-berlin.de\)](#)
[Qualitätsindikatoren der Schweizer Akutspitäler \(admin.ch\)](#)



Quality Indicator Results

- Nominator/denominator logic
- Highlight for positive and negative outcome in relation to
 - expected value (risk adjusted)
 - national values
- Case list
 - filter for numerator cases
 - case related expected value
 - diagnoses/procedures

The screenshot shows the FileInspector software interface. The top part displays a table of quality indicators with columns for 'Indikator', 'Zielwert', 'BRV', 'W.', 'Rate', 'EW', 'Zähler', 'Nenner', and 'SMR'. The indicators are categorized by 'A - Erkrankungen des Herzens' and 'B - Erkrankungen des Nervensystems, Schlaganfall (Stroke)'. A specific indicator, 'GIQ54029.1 09.1 - Hauptdiagnose Schlaganfall, alle Formen (Alter > 19), Anteil Todesfälle, aufgetreten', is highlighted in green. Below this, a detailed case list is shown with columns for 'IK', 'Standort', 'Fallnummer', 'Zähler', 'Erwartungswert', 'Alter', 'Geschlecht', 'Verweildauer', 'Diagnosen', and 'Prozeduren'. The case list contains 12 rows of data.



Summary

- 980 German hospital use FileInspector
- Usage on premise for single users
- Batch component in a BI infrastructure of Solventum or 3rd party
- regular updated as there are many changes due hospital reform in Germany and regulatory requirements

Thank you

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