**IQVIA**

IQVIA Human Assisted Review Tool (HART)

Efficiency, accuracy, collaboration: Empower your medical record review

Introducing HART, a transformative healthcare product that extracts clinical insights from unstructured medical data. HART takes the heavy lifting out of medical record review and uses artificial intelligence to present actionable data to your specialist chart abstractors — whether they are medical coders, nurses or social care workers. From risk adjustment to quality measures; identifying social determinants of health to populating cancer registries. The product brings value and efficiency across the healthcare continuum where medical record review is needed for business-critical operations. HART unites clinicians and artificial intelligence to increase operational efficiency and productivity, mitigating the impact of scarce resources in an increasingly complex healthcare landscape.
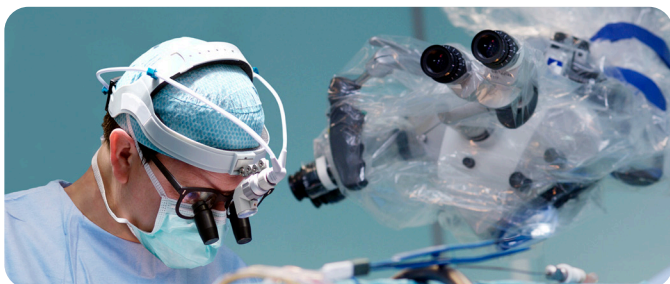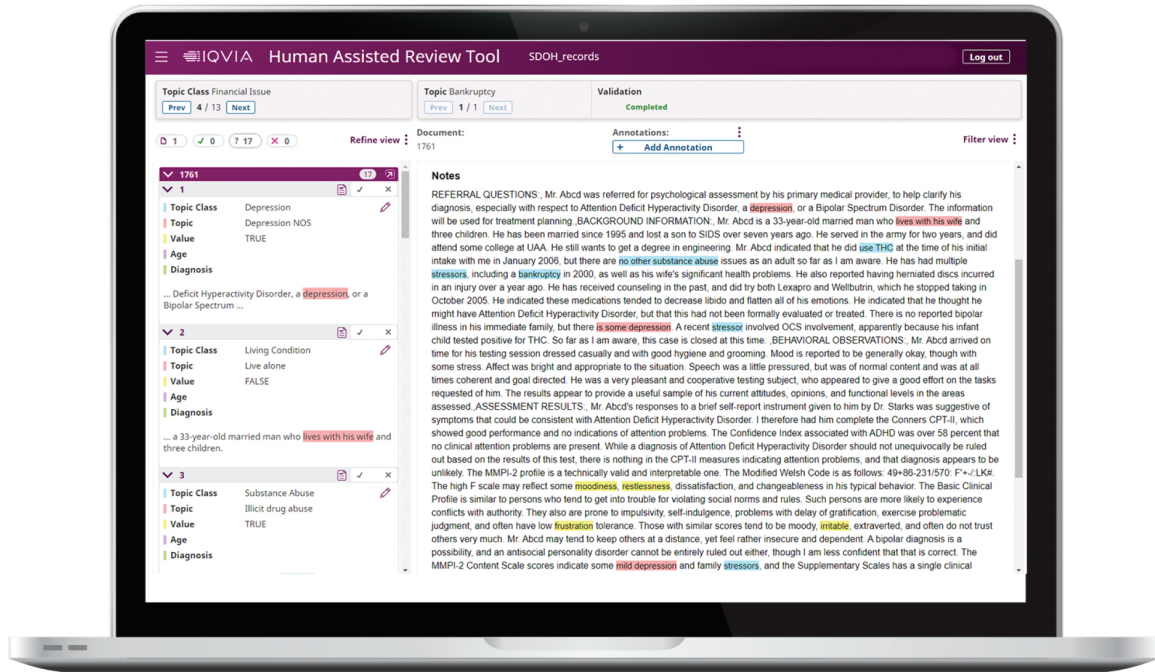
Healthcare AI — powered interactive curation

- Enhanced Efficiency: Harnessing clinical Natural Language Processing (cNLP) for a remarkable 65% efficiency boost in annotating medical records, enabling more time to refine results for clinical decision support or regulatory submissions

- Seamless Integration: Embed HART into operational workflows to effortlessly incorporate healthcare insights

- Format Flexibility: Annotate, review, and manage healthcare data in its native format, including text and PDFs, ensuring data integrity

- Precise Annotation: Utilize HART's robust annotation capabilities for healthcare classifications such as ICD-10CM, HPO, RXNorm and SNOMED-CT

- Increased Accuracy: Combine human expertise with industry-leading cNLP technology to achieve unmatched accuracy and gain valuable healthcare insights

Key benefits

1

NLP ecosystem integration: Seamlessly integrate HART with your NLP ecosystem, enabling query and model refinement as well as validating diverse data sets

2

Streamline collaborative workflows: A dynamic assignment table to streamline annotation, ensuring smoother collaboration and productivity

3

Customizable annotation templates: Leverage domain experts' templates to extract healthcare attributes from unstructured text, tailoring annotations with ease

4

OCR processing: Seamlessly annotate, effortlessly extract and mark text from PDFs and tables. Easily toggle between the original PDF to assess the context for the annotation

5

Code-less user interface: Embrace HART's code-less interface, empowering all users to start quickly and efficiently without prior NLP experience, ensuring smooth adoption and optimal usability

6

Built-in ontologies: Maximize annotation accuracy with HART's built-in ontologies, validating existing matches within documents and enabling data validation for more precise results

Figure 1: Bring AI and subject matter expertise together in our chart abstraction interface

Risk adjustment

Increase reimbursement by improving efficiency and accuracy of medical record review. Easily access supporting evidence to avoid audit penalties.

Quality measures

HART reduces manual effort to find and evaluate the numerator, denominator and exclusions for HEDIS as well as other quality measures. Improve quality of care as well as Stars ratings.

Social determinants of health (SDOH) insights

Extract 300 times more SDOH risk factors from EMR with HART compared to structured data. Make informed health decisions at the provider and community levels, driving proactive interventions and adherence to regulatory requirements.

Pathology and cancer registries

Extract clinical attributes from unstructured pathology reports for clinical decision support, patient risk detection, and cancer registry submissions. Improve workflows, patient outcomes, and decision-making with accurate clinical data.

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