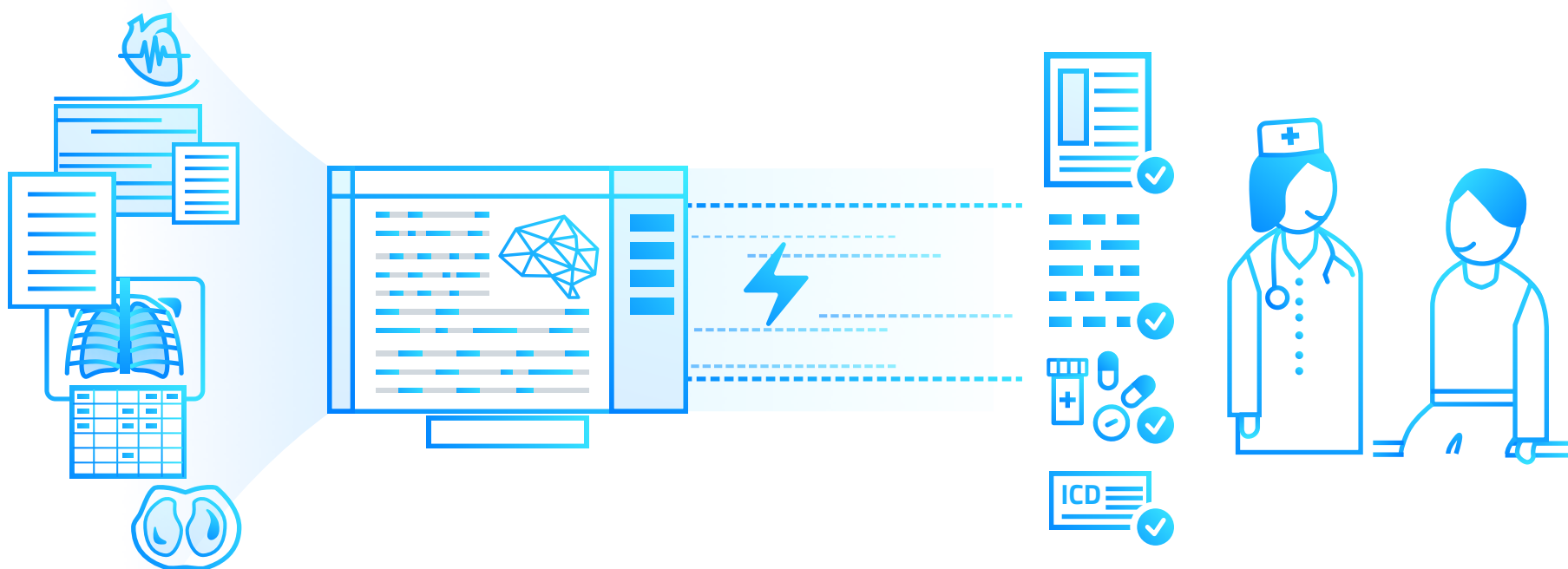


PetuumMed

PetuumMed harnesses in-depth clinical understanding in conjunction with advanced artificial intelligence or machine learning (AI/ML) algorithms to add a layer of decision support to electronic health record (EHR) system, capable of helping mitigate clinical oversights or errors and reduce regulatory or administrative burden on physicians.

The PetuumMed graphical interface presents critical information to medical professionals, by tagging key symptoms, offering disease diagnoses, proposing treatment pathways, overlaid upon the patient's textual electronic health records and medical imaging. PetuumMed supports automatic generation of insurance codes, summaries or imaging reports to unfetter physicians from cumbersome report requirements and ceaseless data entry to spend more time making life-saving decisions.



The PetuumMed natural language and image understanding algorithms offer a reliable second medical opinion at expert-level accuracy. For example, when detecting tuberculosis from chest x-rays, PetuumMed achieves 91.2% +/- 5.0% sensitivity (recall) versus 82.0% for physicians and achieves 78.0% +/- 7.0% specificity versus 77.0% for physicians.