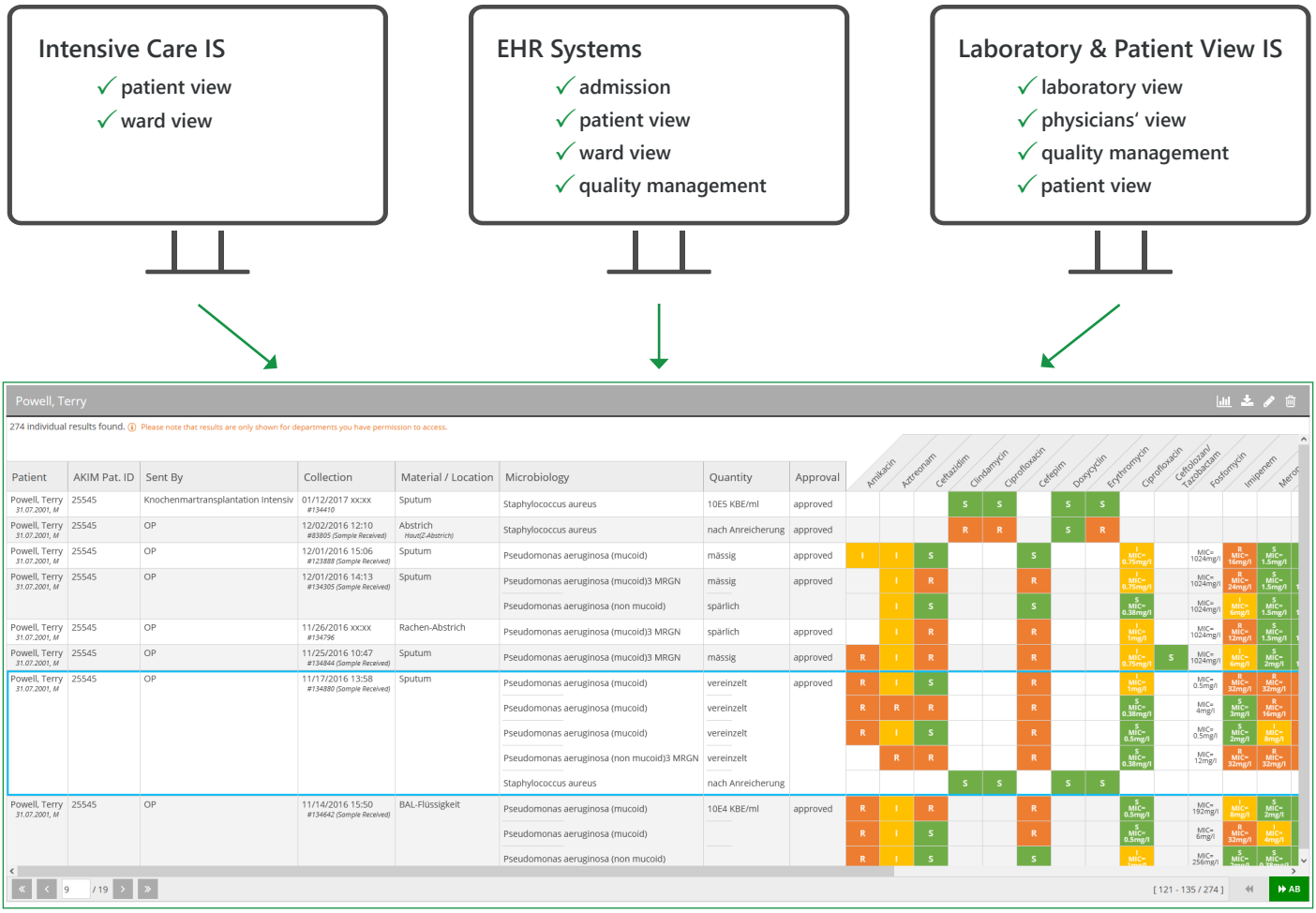
MOMO OneClick – *immediate view of all microbiological results*

Momo (Monitoring of Microorganisms) is a microbiology analytics and reporting tool with strong clinical and epidemiological features. It receives data from microbiological laboratories, including virological test results, stores them in a database, and makes them available to outside users.

An extremely efficient and clinically well-accepted application of Momo is its OneClick function. Given a particular patient or ward, Momo OneClick immediately retrieves all microbiological data from this patient or ward and presents it in a dense, yet clear and attractive graphical form.

Momo OneClick can easily be accessed from inside medical information systems such as electronic health record (EHR) systems, intensive care and laboratory information systems (IS), medical practice software systems, and others.



OneClick report including AMR profiles (with anonymized test data)

Extensions (work in progress)

- interpretations for microbiological test results
- calculation of time to positivity
- alerts for selected microbiological test results (e.g., MRSA)
- extension to virology
- alerts for selected virological test results (e.g., influenca A and B, RSV, SARS-CoV-2)
- pharmacogenetic dosing recomendations
- molecular-based clinical decision support

Selected References

Kainz, J., Gawrylkowicz, J., Strassl, R., Willinger, B., Thalhammer, F., Rappelsberger, A. & Adlassnig, K.-P. (2023) *Microbiological and Virological Knowledge-Based Alert Service.* In Mantas, J., Gallos, P., Zoulias, E., Hasman, A., Househ, M.S., Charalampidou, M. & Magdalinou, A. (Eds.) Healthcare Transformation with Informatics and Artificial Intelligence, Studies in Health Technology and Informatics 305, IOS Press, Amsterdam, 153–154.

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