

# mint Lesion™

## REAL-TIME DATA VISUALIZATION AND ANALYSIS IN CLINICAL TRIALS WITH IMAGING ENDPOINTS

Faced with a steadily rising number of clinical trials and reads, the Clinical Trial Center of the LMU University Hospital Munich needed a tool to keep track of this growing demand as well as a way to monitor their clinical trial reading activity. With the help of mint Analytics, an extensive add-on of mint Lesion™, the clinical trial center now has a complete overview of their data and can analyze it in real-time.

It is easy to lose track of the number of reads which are conducted in a clinical trial center from day to day. How many reads per trial have already been performed? And how many reads were made by an individual radiologist? All of this information is seldom available on demand and must first be gathered in a pain-staking fashion. Here is where mint Analytics comes into play: on personalized dashboards, all gathered data is pictured across trials, giving a flexible overview over every relevant detail.

## SUCCESS STORY



*We shared the current status of ongoing trials within mint Analytics with our oncological PIs, and they were very excited about the visualization of the blinded results. It provides them with an estimate to cross-check if the responses are what they would also clinically expect.*

**PD Dr. Wolfgang Kunz**



PD Dr. Wolfgang Kunz, Head of Oncologic Imaging as well as of the Clinical Trial Center in Munich, and his team have been using mint Lesion™, the software solution that provides computer-assisted and context-guided data capture, for many years and have now successfully implemented mint Analytics into their clinical activities. Today, they are benefiting from the instantaneous depiction of the status of their clinical trials. PD Dr. Kunz is confident that this, in particular, “will be uniquely helpful and transformative for advancing and expediting research in trials with imaging endpoints.”

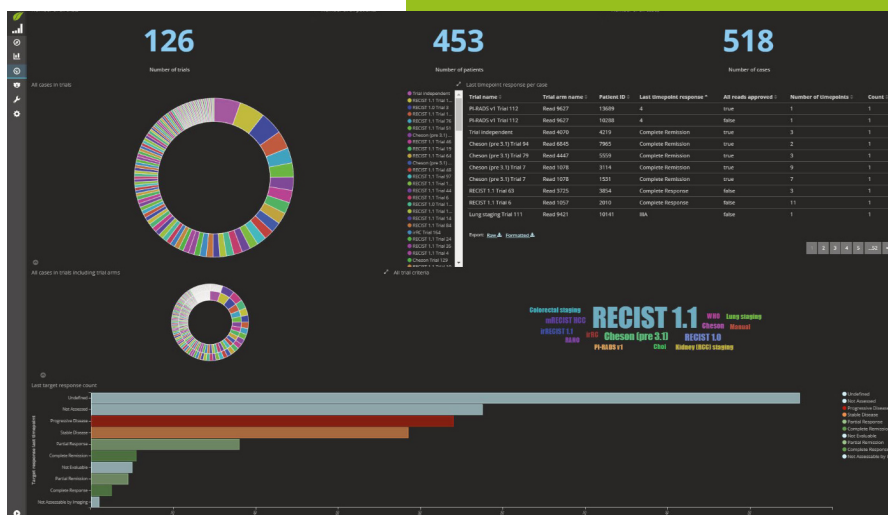
mint Lesion™ enables reads to be performed according to pre-set response criteria – such as e.g. RECIST 1.1 and Lugano or modified ones according to the specific trial. It structures reports accordingly, while mint Analytics allows the collected data to be displayed as a whole or per individual trial. This is “instrumental for quality control,” confirms PD Dr. Kunz.

He and his team were previously unaware of how many revisions of reads had been performed over the years, how this was distributed among trials and what the reasons for such revisions were. PD Dr. Kunz recounts that “through mint Analytics, we identified a few cooperating trial centers which had been repeatedly sloppy in providing us with the correct dates for baselines and follow-ups. We also found some centers where we had to classify a lesion differently - as a non-target lesion - because it had been previously treated. We contacted the referring trial centers, used this information to improve quality control together, and afterwards we noticed the effects fairly soon.”

mint Lesion™ facilitates a comprehensive, sustainable, and reproducible means of data collection, analysis, and reporting. Paired with mint Analytics, the graphic display of the processed data provides the means for the live monitoring of several aspects of clinical studies. Even beyond the scope of individual trial sites, PD Dr. Kunz is certain that “larger imaging CROs derive a great benefit through mint Analytics as well. The ability to live-monitor progression-free survival in clinical trials is very useful, also for drug and safety monitoring boards and trials.”

*mint Analytics expands your means of structured response assessment in mint Lesion™ by instantaneous visualization of the collected data, as a whole or per individual trial. An added value for radiologists, oncologists, trial centers, and sponsors is dedicated trial monitoring and data analysis. mint Analytics has significant potential to accelerate the scientific use of collected imaging data.*

**PD Dr. Wolfgang Kunz**



The immediate availability of specific, structured knowledge crucial to the trial is particularly beneficial in regard to joint research efforts. PD Dr. Kunz is convinced that “to form really large national and multinational research collaborations, there’s a need for a collective platform. I believe that mint Analytics could really be formed as such a platform to enhance research projects in clinical trials.”

Next to enhancing quality control and the communication between all parties involved in a clinical trial, mint Analytics also opens up avenues of new research projects,” PD Dr. Kunz declares. “Every time I scroll through mint Analytics and discover new little tools, it gives me an idea of what else I could potentially pursue as a research project.” Specific ideas are already in the works: “We would be interested to implement mint Analytics to identify atypical response patterns, for example pseudoprogression and hyperprogression, especially in trials that test immunotherapeutic drugs.”