

Lymphoma Trial Using Lugano Classification

45 sites

FDG PET/CT

Lugano 2014 and Deauville scoring

Challenge

In lymphoma trials, treatment decisions and endpoint determinations rest on metabolic response classification, yet Deauville scoring is notoriously variable when performed at individual sites. Wide divergence in site-level scoring had made complete metabolic response classifications difficult to trust, threatening the integrity of the trial's response-based endpoints and complicating the planned interim analysis. The sponsor required a central review process that could impose genuine consistency on an inherently subjective assessment.

Our Solution

Intrinsic Imaging engaged nuclear medicine physicians to perform blinded dual assessments of every FDG PET/CT examination under the Lugano 2014 classification. SUV calibration was verified for each submission to ensure quantitative comparability across scanners, and any disagreement in Deauville scoring between the two primary readers was resolved through formal adjudication. This structure converted a subjective site-level judgment into a controlled, documented, and reproducible central determination.

Results

- Consistent response classification across participating sites
- Adjudication rate held below 12%
- Reconciled central review dataset delivered for interim analysis

Read the full study online: <https://www.intrinsicimaging.com/case-studies/oncology-lymphoma>

About Intrinsic Imaging, LLC

Intrinsic Imaging is a full-service medical imaging core lab providing comprehensive services in support of Phase I-IV clinical trials and Class I, II, III medical device trials. Intrinsic Imaging is also a world leader in conducting Artificial Intelligence studies. With its team of more than 750 board-certified and fellowship-trained physicians, Intrinsic Imaging's team has sub-specialization in all therapeutic areas, including Cardiovascular, Central Nervous System, Gastroenterology, Musculoskeletal, Oncology and Ophthalmology. Certified by the British Standards Institution (BSI), Intrinsic Imaging is the only company in the world to hold five ISO certifications specifically for providing imaging core lab services on clinical trials. For more information, please visit www.IntrinsicImaging.com.

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