

- **Title: Medical Imaging in Pharmaceutical Research & Development**
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- **Abstract (200-300 words)**

Imaging is growing quickly as an endpoint in Clinical Research and development, yet there are significant gaps in a continuous flow of information through a clinical trial. We will review a seamless path towards a collaborative environment between various data capture tools such as Clinical Trial and Data Management (CDMS) tools and Medical imaging in this session and will review the potential and hurdles involved in such a solution.

In the current research environments and clinical trials, data includes medical images captured in various modalities across the board whether these images are captured on CDs, DVDs or any other media, they are analyzed and results captured in silos. Traditionally tools have been developed to view, transport, analyze and retain these images by third parties after the trial is complete. At the end of the trial the data is shelved and not easily available to the sponsor.

Recent technological advances specifically in the past couple of years in the areas of Storage and infrastructure, network bandwidth, viewing technologies and computing power lend a tremendous opportunity for an enterprise imaging environment. Technologies those are reachable with respect to cost and efficiency.

The tipping point is evident in a way to fulfill the industry need for an seamless enterprise.