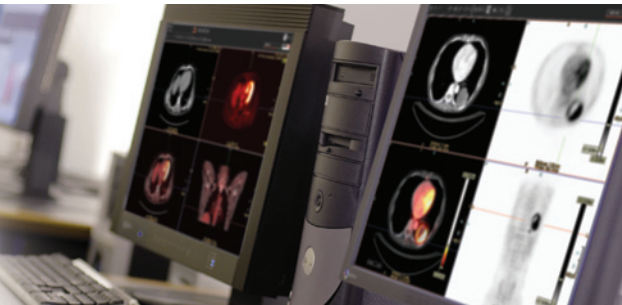
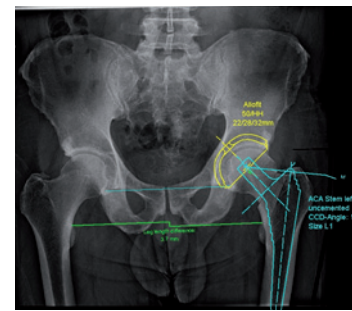


Introducing a new take on efficient workflow:

Deeply integrated clinical applications





THE EXPERIENCE OF TRUE CLINICAL APPLICATIONS

While developments in image acquisition technology increase efficiency, accuracy and throughput, they also introduce the very real challenge of how best to manage the exponential increase and complexity in images and data. Perhaps even more importantly, they raise the issue of how to improve the delivery of medical care while increasing productivity.

Clinical applications traditionally run on modality workstations, creating islands of information that force physicians to move between clinical workstations in various locations to get their work done. This disconnected workflow decreases productivity and information sharing. Adding to these difficulties is the number of different technology-driven graphical user interfaces that most users are faced with in a day, most of which are far from intuitive, representing yet another hurdle to streamlined workflow.

Agfa HealthCare has redefined standalone multimodality clinical applications to fit seamlessly with IMPAX workflow scenarios. A breakthrough in productivity is at hand.

Integration across clinical specialties

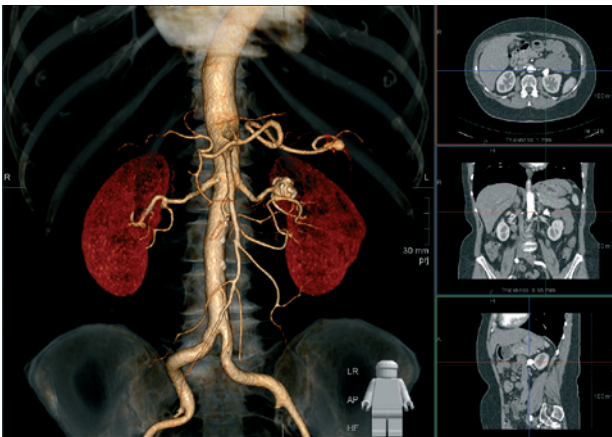
IMPAX is the leading Picture Archive and Communications System (PACS) for enterprise-wide image and information management. Agfa HealthCare has extended IMPAX innovation into clinical departments with a series of seamlessly integrated clinical applications.

IMPAX Clinical applications provide a familiar interface and a high level of automation that virtually eliminates a learning curve, so users can get right to work.

DELIVERING WORKFLOW IMPROVEMENTS, ONE CLINICAL APPLICATION AT A TIME

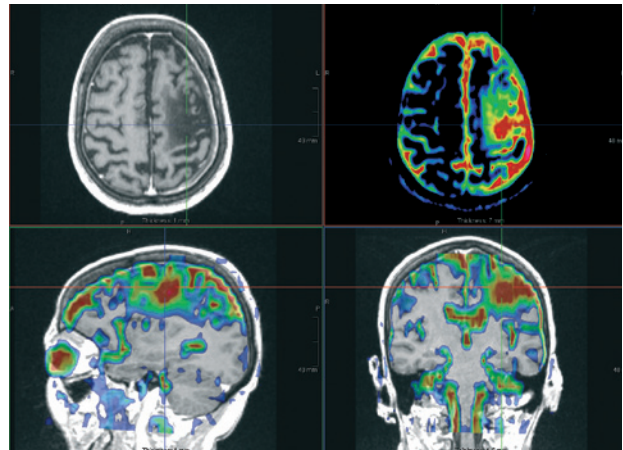
Agfa HealthCare is constantly developing clinical applications designed to optimize workflow and meet the specific needs of clinicians. Below is a sampling of the many applications integrated into IMPAX, within radiology and across clinical specialties:

IMPAX Volume Viewing MIP/MPR & 3D

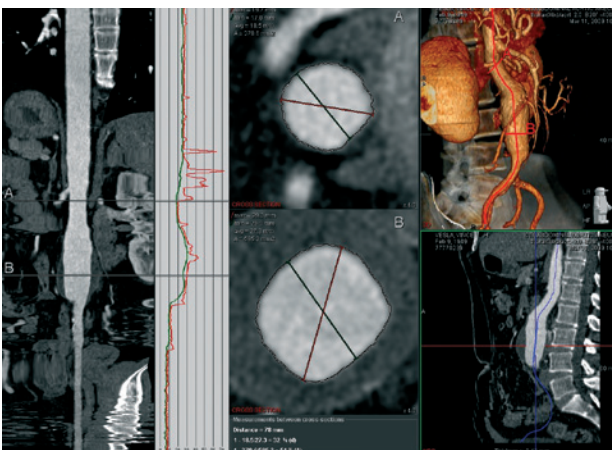


Diagnosis of large CT and MR volumes has become part of the reading radiologist's daily clinical routine. IMPAX Volume Viewing gives IMPAX the Advanced Visualization tools the reading radiologist requires. It covers the most commonly needed features like MIP/MPR, volume rendering and segmentation, and allows the user to save reconstructed series, static screenshots and video captures.

IMPAX Volume Viewing PLUS



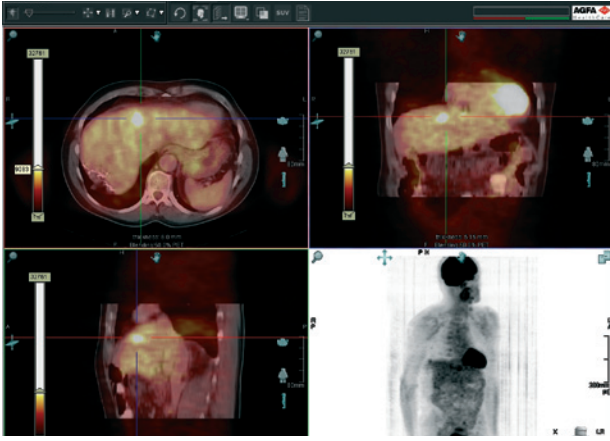
This new option for IMPAX Volume Viewing 2.0 will automatically register two studies of the same or different modalities. The user can view the studies side by side for comparison, subtract the images to enhance the visibility of differences or view them in fused mode as shown in the example.



IMPAX Vessel Viewing

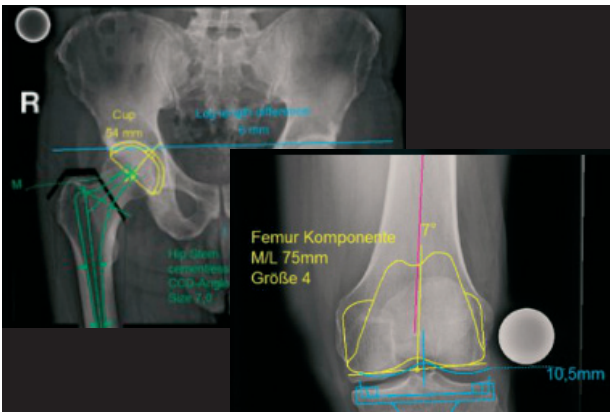
This application is designed to assist the radiologist with the interpretation of CTA studies. Simply point and click on two points in a vessel and the software will automatically calculate the path of the blood vessel, display straightened and cross-sectional views and calculate distances and vessel diameters. Combined with IMPAX Volume Viewing 3D the software will display the vessel's path in a 3D rendered reconstruction, in orthogonal MPR, curved MPR, MIP, and other types of reformatted projections.

IMPAX PET-CT Viewing



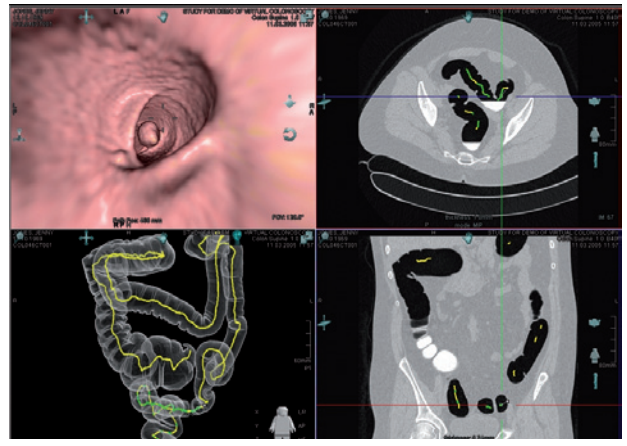
Advances in imaging have provided radiologists with a variety of high quality, high resolution imaging technologies. With IMPAX PET-CT Viewing, Agfa HealthCare provides the reading radiologist and Nuclear Medicine physician with an automated, easy-to-use set of tools for viewing and comparing studies. Images can come from independent modalities (CT, MRI, PET) or from hybrid modalities (PET-CT, PET-MRI). With the completely automated application, the user can initiate registration of two PET-CT or PET-MRI studies with a single mouse click.

IMPAX Orthopaedic Tools



IMPAX Orthopaedic Tools' integrated set of pre-operative surgical planning tools for the IMPAX workstation fulfills the evolving needs of filmless medical imaging facilities. Integrating these modules with the already feature-rich IMPAX workstation creates a center of image-based information for most orthopaedic specialties. IMPAX Orthopaedic Tools offers digital templating for all major joints and specific tools for planning and simulation of limb deformity corrections, complex measurements of the paediatric hip and a Trauma module which allows the surgeon to simulate the reduction of complex fractures. IMPAX Orthopaedic Tools comes with a library of digital templates from over 80 different implant manufacturers.

IMPAX Virtual Colonoscopy



IMPAX Virtual Colonoscopy is a minimally invasive procedure which provides three-dimensional images that can depict polyps and other lesions. It takes less time, creates less discomfort for the patient and shows the entire colon, regardless of any narrow or obstructed areas. IMPAX Virtual Colonoscopy provides the radiologist with automated navigation tools or interactively manipulates the virtual camera to inspect the colon. Reports and image snapshots can be automatically imported in IMPAX Reporting and appended to the radiologist's case report.

Note: this product is not available in countries where FDA 510k is required.

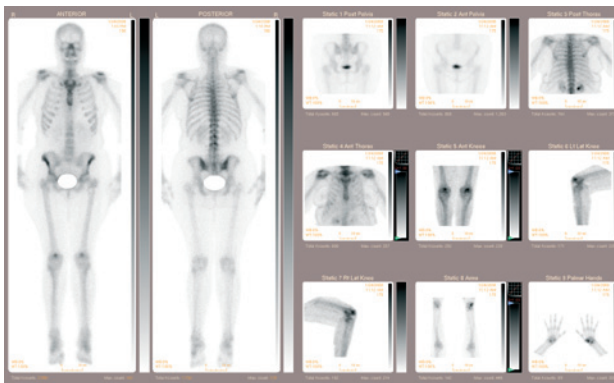
OrthoView™ for IMPAX



OrthoView is used by over 7,000 orthopaedic surgeons worldwide to create and share their pre-operative plans on-screen and online. Teaching hospitals use OrthoView to demonstrate best practice in digital pre-operative planning. OrthoView is used in over 1,500 hospitals, clinics and orthopaedic practices worldwide.

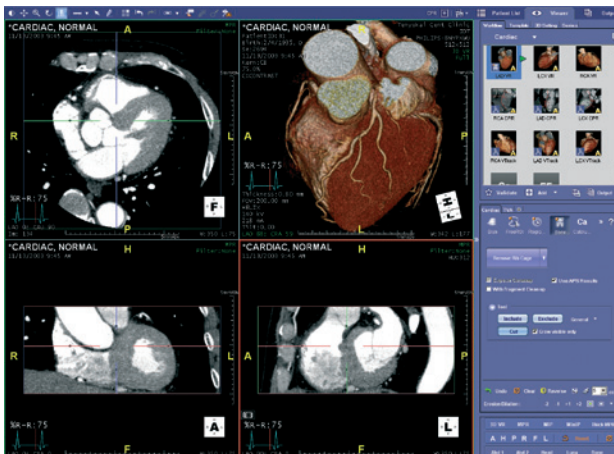
OrthoView™ for IMPAX is offered in partnership with MeridianTechnique Ltd.

Oasis for IMPAX

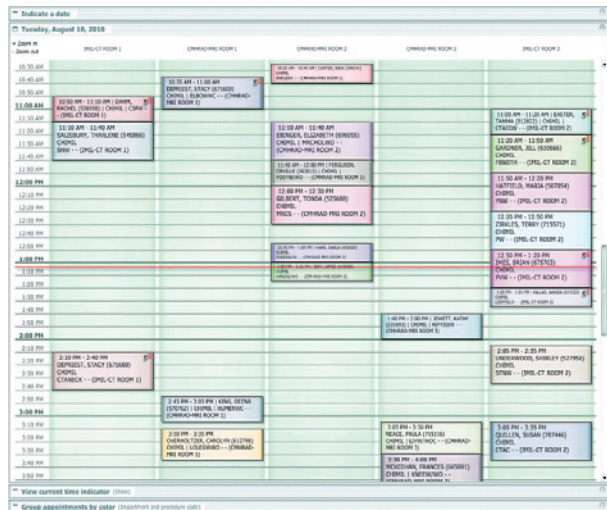


Oasis for IMPAX exemplifies Agfa HealthCare's commitment to extend the functionality of the PACS workstation to include applications traditionally performed on dedicated workstations. This design approach helps reduce the operational cost of the department through improved workflow and more efficient utilization of staff, equipment and office space. Oasis for IMPAX adds a fully featured nuclear medicine viewing and processing package to the IMPAX workstation. In addition to the traditionally available tools for viewing and reporting radiology images, the user can now with the click of a button access advanced features for viewing and processing of NM, SPECT and PET images.

Oasis for IMPAX is the result of a partnership between Agfa HealthCare and Segami Corp.



IMPAX Nuclear Information System (NIS)

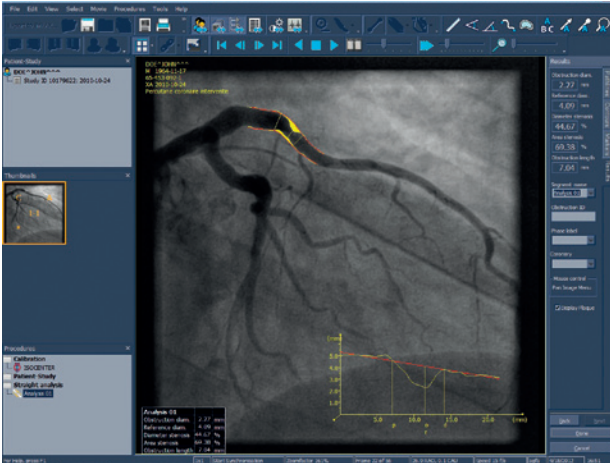


The IMPAX for Nuclear Medicine Information System (NIS) supports your complex scheduling requirements, including comprehensive resource planning and scheduling across multiple departments. IMPAX NIS is an extension of IMPAX RIS and supports integration with several hot lab management solutions to digitize and automate preparation of radiopharmaceuticals and registration of radiation dose.

iNtuitioN for IMPAX

The iNtuitioN workflow platform is a very elegant and simple-to-deploy solution designed to manage the MDCT slice overload problem in an enterprise. iNtuitioN enabled Aquarius products offer an advanced, procedural workstation configuration for the 3D technologist, a powerful reading/browsing station for the diagnosing physician and a fast, simple 3D review tool for the referring MD. TeraRecon then adds a powerful workflow capability with an automated pre-processing system to do as much 3D editing as possible automatically upon completion of the exam. From this point, the 3D technologist can perform validation and corrections, the reading physician can focus directly on diagnosis, and the referring physician can access the 3D results with a simple viewer for therapy planning or patient consultation.

iNtuitioN for IMPAX is offered in partnership with TeraRecon Inc.



Qangio for IMPAX

Qangio is the industry-leading software solution for the analysis of peripheral vessels in angiograms.

It offers quantification results that enable interventional radiologists to accurately plan interventions and perform post-interventional assessments. It provides researchers with a solid basis for the assessment of new therapies.

Qangio for IMPAX is offered in partnership with Medis B.V.



Custom Integration Services

Agfa HealthCare delivers and supports a wide range of own and third party applications to fulfill the professional needs of its customers. But sometimes users have specific integration needs or preferences which are not available in Agfa HealthCare's global portfolio. IMPAX can be integrated with many other products available in the market. Customers are encouraged to ask their Agfa HealthCare representative for information about the possibility to integrate IMPAX with the application of their choice.



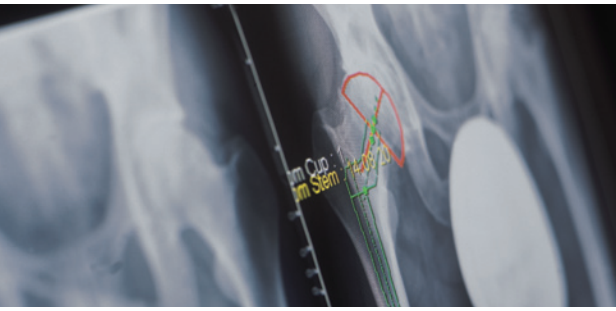
IMPAX Integration Toolkit

Agfa HealthCare prepares the launch of a generic integration toolkit for research institutions and independent system integrators with multiple levels of support from Agfa HealthCare. This toolkit will allow customers and integrators to develop and validate their own integration using their know-how and resources.

Agfa HealthCare builds on its leadership position through ongoing integration of innovative IMPAX Clinical Applications.

In addition, Agfa HealthCare will continue to support open standards and work with strategic third party partners, where appropriate, to efficiently address emerging market needs. In the end, all of this means

that Agfa HealthCare customers will always be at the forefront of innovation thanks to clinical applications that are deeply integrated into their workflow and patient care.



Agfa HealthCare Clinical Applications differentiate themselves from standalone multi-modality workstations in a variety of important ways:

They are an inherent part of IMPAX

The IMPAX Clinical Applications have the same look, feel and behavior as the IMPAX workstation, so users feel right at home from the moment they log on.

They are highly productive

The days that users needed to go to a variety of specialty workstations to process images and analyze results are gone. The functionality which used to be exclusively available on those specialty workstations is now available as an integrated extension of the IMPAX workstation, literally only a mouse click away.

They collect the information you need

Specialty workstations are very good at displaying and processing the type of images for which they were designed, but they usually have very limited or no capabilities at all to display other types of images. With IMPAX and the integrated clinical applications you

get the best of both worlds. Display and process new images with the integrated application and review prior images and reports from the same and from different types of examinations in IMPAX.

They provide an integrated approach to reporting

Deep integration with the overall workflow offers a familiar user interface and intuitive navigation. Once clinicians have called up relevant results to their workstations, the on-screen diagnostic information and tools empower them to work on the most complex cases, and share results across the enterprise, all without ever leaving their chair.



Why Agfa HealthCare?

Agfa HealthCare is a global leader in the fast growing market of integrated IT and imaging systems, offering healthcare facilities a seamless flow of information and a 360° view of patient care. The company has a unique, holistic approach, enabling it to provide in-depth clinical know-how and fully integrated hospital-wide solutions. These specialized solutions integrate IT and imaging systems for Radiology, Cardiology, Nuclear Medicine, Mammography and Orthopaedics. Agfa HealthCare's enterprise-wide IT platform integrates all administrative and clinical data within a healthcare facility and is designed to match the workflow of specific types of healthcare professionals.

www.agfahealthcare.com

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