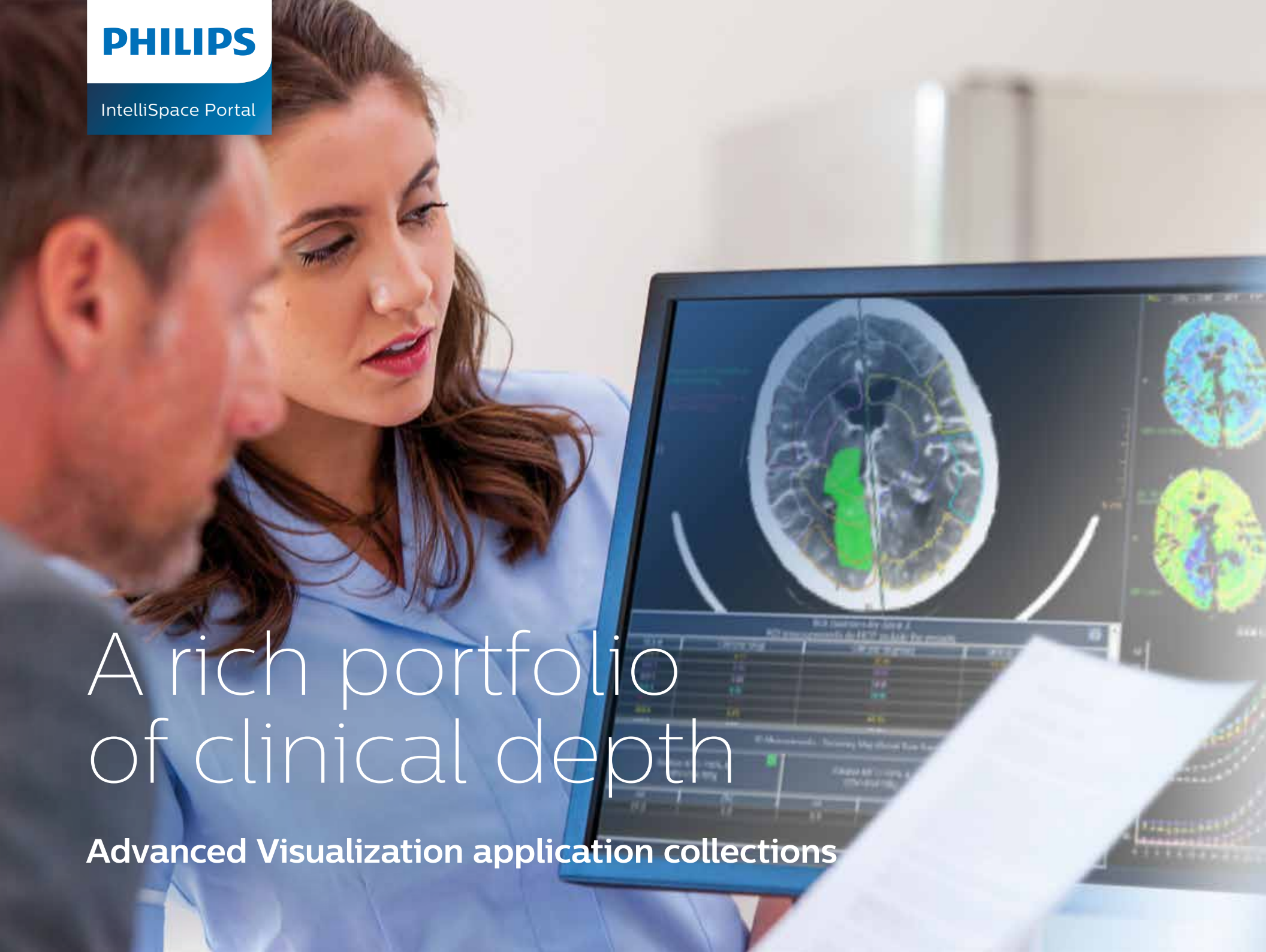
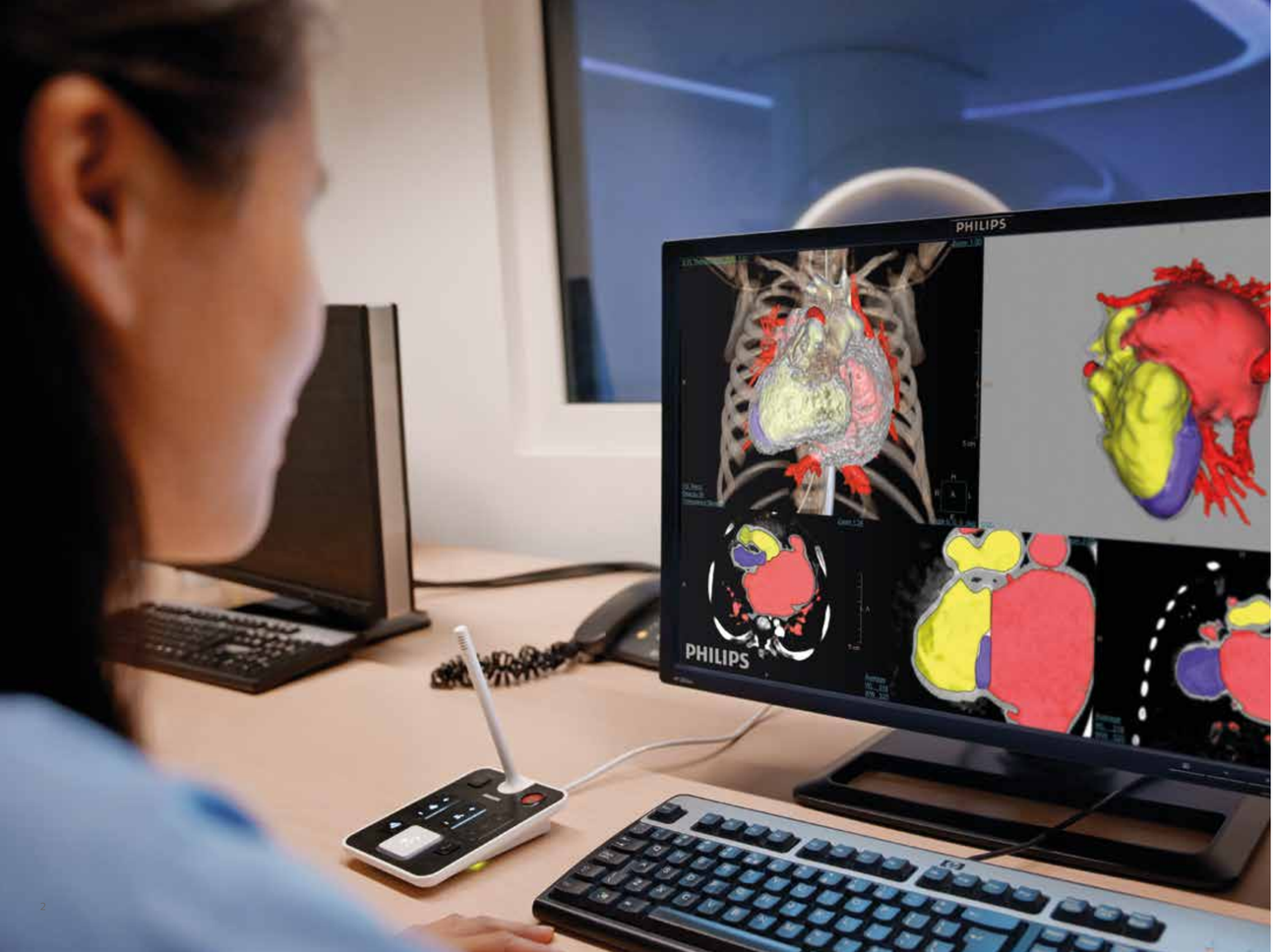
PHILIPS

IntelliSpace Portal



A rich portfolio of clinical depth

Advanced Visualization application collections



IntelliSpace Portal, a single solution for the most complex cases

Philips IntelliSpace Portal is an advanced visualization platform that offers a single integrated solution designed to help physicians streamline their clinical workflow efficiently solving cases and follow-up.

Intelligent
Designed to support diagnostic confidence. A comprehensive set of clinical applications addressing your clinical needs, on a constantly-updated platform.

Connected
From scan acquisition to advanced analysis, Philips offers a full package of solutions and services for your radiology workflow across the enterprise and beyond. Access your data when needed.

Secure
Designed to support data privacy across your enterprise. Secure access to the imaging data and tools you need for your routine work. Single vendor and service contracts for simplicity.

Supporting patient data security and integrity across your Enterprise:
-Identity and access management solution
-Secure data transfer
-Data retention.

CT
page 4 - 21

MI
page 22 - 23

MR
page 24 - 34

A rich portfolio of clinical depth

A comprehensive set of over 70 clinical applications in multiple clinical domains. Our workflow applications use Artificial Intelligence to support diagnostic confidence by predicting usage patterns and intelligent prior exams.

Cardiovascular
ONE stop-shop of multi-modality cardiovascular applications supporting different clinical questions on a single platform, while keeping user interface consistency for outstanding patient management. Quantification tools to assist in diagnosis of multiple clinical questions, along the continuum of care.
Dedicated Integrations and visualization capabilities designed for results sharing efficiency between the imager and the treating physician, for a coherent reporting on patient's status. Bridging between imaging and treatment for cardiovascular patients by connecting into the Cath-lab and therapy guidance.

Oncology
Cancer is increasingly managed across multiple phases and multiple disciplines, requiring a comprehensive approach. Integration along the cancer care continuum is therefore critical in order to enhance patient care.
Philips offers an extensive portfolio of multi-modal post-processing applications, ranging from screening and diagnosis to treatment planning and follow-up, and provides an integrated advanced visualization solution along the cancer care continuum in one single platform. With automated volumetric segmentation and quantification, multi-parametric tumor analyses, advanced response criteria across multiple time points or dedicated capabilities to aid in treatment planning, Philips supports clinical workflows at critical phases of patient care

Neurology
Neurological disorders represent a major global burden, ranging from neurodegenerative diseases to brain tumors, stroke and other brain conditions. Philips offers a rich portfolio of post-processing applications for CT, MR and NM, providing qualitative and quantitative assessment of brain images answering different clinical questions.
Neurological cases can be challenging, especially stroke where you need to act fast. The automated brain perfusion workflow may help physicians determine areas of reduced cerebral blood flow compared to the contra lateral hemisphere by conveniently reviewing results automatically available on PACS. Moreover, advanced functionalities help visualize and quantify brain structures, and highlight subtle changes over time. Dedicated workflows also assist in the evaluation of fiber tracts, and in the assessment of local changes in activated brain areas.

A-la-carte
With over 70 clinical and workflow applications, complement your clinical application portfolio with any of our a-la-carte applications.

Package selection

It is now easier than ever to tailor your IntelliSpace Portal to your needs! Determine your workflow needs and decide on the number of users. Then, dive in to selecting your clinical and workflow application packages. Then, supplement with our broad variety of a-la-carte applications to close any clinical gaps you might have. Lastly, secure your investment with a service contract.

Base configuration	Essentials	Clinical domain	A-la-carte options	Service options
Scale to your needs by selecting number of concurrent users on hardware or virtual machine.	Select the optional Essential packages for your routine needs.	According to the clinical domain, select Plus/Pro/Premium configurations to gain clinical and workflow capabilities.	Supplement your clinical and workflow portfolio with a-la-carte applications.	Select your service options to keep you Intellispace Portal updated and upgrade at all times.

Or select a base configuration and go directly to a-la-carte

Entitled package
The following package is included with every IntelliSpace Portal system purchased:

- **Multimodality Viewer**
- **CT Viewer**
- **Filming**

Plus
Enjoy a base package offering with your most used clinical and workflow applications.

Pro
Select advanced applications that will enhance your clinical and workflow capabilities.

Premium
Choose from our specialized clinical applications that will match your unique clinical needs.

CT packages

AV CT Essential

AV CT Cardiac Pro
AV CT Cardiac Analysis Premium
AV CT Cardiac Planning Premium

AV CT Onco Plus
AV MM Onco Pro
AV CT Onco Lung Premium*
AV CT Onco Colon Premium*
AV CT Onco Lung Premium NA**

AV CT Liver Premium
AV CT Pulmonary Premium

AV CT Spectral Pro
AV CT Spectral Premium

IntelliSpace Portal provides a wide variety of over 30 applications supporting advanced visualization for your CT acquisitions

Choose among our handpicked CT packages to cover your clinical and workflow needs. Complement with any of our a-la-carte applications to have a complete set of applications.

Our recommendation for additional packages or a-la-carte options to complement the packages are marked with:

Prerequisites
- For AV CT Cardiac Analysis Premium › AV CT Cardiac Pro package is a prerequisite
- For AV CT Cardiac Planning Premium › AV CT Cardiac Pro + AV CT Essential packages are a prerequisite
- For AV CT Onco Colon Premium › AV CT Onco Plus package is a prerequisite
- For AV CT Onco Lung Premium › AV CT Onco Plus package is a prerequisite
- For AV CT Spectral Premium › AV CT Essential + AV CT Cardiac Pro + AV MM Onco Pro packages are a prerequisite

* Not available in North America
** Only available in North America

CT Packages	AV CT Essential		
Cardiology	AV CT Cardiac Pro		
	AV CT Cardiac Analysis Premium	AV CT Cardiac Planning Premium	
Oncology	AV CT Onco Plus		
	AV MM Onco Pro		
	AV CT Onco Lung Premium*	AV CT Onco Colon Premium*	AV CT Onco Lung Premium NA**
Liver & Lung	AV CT Liver Premium	AV CT Pulmonary Premium	
Spectral	AV CT Spectral Pro		
	AV CT Spectral Premium		

AV CT Essential

AV CT Essential package covers your vascular analysis needs and supports your clinical workflow. With Multimodality Advanced Vessels Analysis (MM AVA) get structured workflows for reviewing and analyzing common vascular pathologies, such as stenosis and aneurysms in different anatomical locations and vessels.

AV CT Essential				
• Multimodality Advanced Vessels Analysis (MM AVA)	**Server (ISP)**	NICA790	**Workstation (IX)**	NICB790
• Reporting		NICB087		NICB102
		NICA299		NICA713

Multi Modality Advanced Vessel Analysis (MM AVA) is intended for visualization, assessment and quantification of vessels in CTA and MRA data with a unified workflow for both modalities. For CTA data, it provides both automatic and manual bone removal and vessels segmentation including extraction of vessel centerlines, lumen contours and vessel contours. For both modalities, it provides tools for extracting and editing centerlines.
MM AVA offers inspection views for selected vessels centerlines and local analysis.

- **CT AVA Stent Planning** to support different endovascular procedure planning

Advanced Vessels Analysis (MM AVA)

AV CT Cardiac Pro

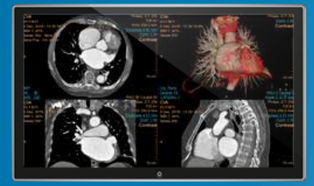
AV CT Cardiac Pro package covers your routine cardiac analysis needs, from calcium scoring, coronaries' stenosis quantification, and up to functional analysis on cardiac CT scans.

AV CT Cardiac Pro				
• CT Comp Cardiac Analysis	**Server (ISP)**	NICA781	**Workstation (IX)**	NICB781
• CT Cardiac Viewer		NICA278		NICA679
• CT Calcium Scoring		NICA120		NICA677
		NICA281		NICA681

CT Comprehensive Cardiac Analysis (CCA) is designed to assist the user in viewing, analyzing and quantifying dedicated Cardiac CT Angiograms, mainly for coronary arteries analysis on Coronaries CT Angiogram (CCTA) data. The application also offers cardiac function measurements. The application uses an automatic 3D model-based whole-heart segmentation to enable cardiac function analysis.

- **3D Modeling*** to support the anatomical representation of the heart, to be used by your surgeons/interventionalist.
- **CT Pulmonary Artery Analysis (PAA)** to assist in localization of suspected pulmonary embolism findings.

AV CT Essential Package is a prerequisite for this package
* 3D models are not intended for diagnostic use



CT Cardiac Viewer

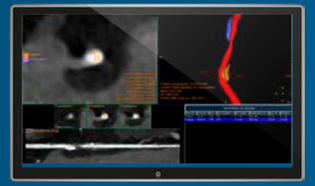
AV CT Cardiac Analysis Premium

AV CT Cardiac Analysis Premium for comprehensive coronary plaque assessment and myocardial impact assessment (functional information from SPECT/PET) fused with anatomy from the CT.

AV CT Cardiac Analysis Premium				
• CT Cardiac Plaque Assmt	Server (ISP)	NICA783	Workstation (IX)	NNICB783
• CT-NM MPI Cardiac Fusion		NICA117		NICA675
		NICA114		NICA673

CT Cardiac Plaque Assessment enables cross-sectional measurements along the coronary arteries, and automatically calculates regional and global quantities of plaque volume. The tool provides automatic colorcoded visualization of plaque content areas on vessel cross-sectional images.

- **CT Myocardial Defect Assessment,** provide visual and quantitative assessment of segmented, low-attenuation areas within the Left ventricle myocardium

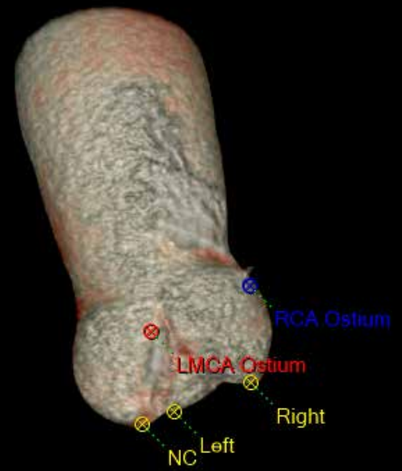


CT Cardiac Plaque Assessment

Prerequisite: AV CT Cardiac Pro Package

AV CT Cardiac Planning Premium

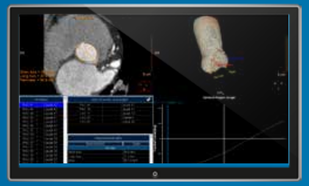
AV CT Cardiac Planning Premium for pre-procedural planning of different endovascular procedures such as TAVI / TAVR, EVAR and other vascular stenting.



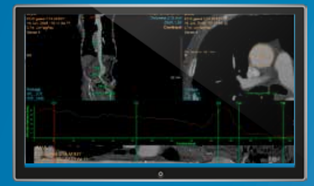
AV CT Cardiac Planning Premium				
• CT TAVI Planning	Server (ISP)	NICA784	Workstation (IX)	NICB784
• CT AVA Stent Planning		NICA971		NICA983
		NICA296		NICA707

CT TAVI Planning application provides 2D and 3D visualization as well as automated measurements designed to assist in proper TAVI-device sizing, including visualization of aortic valve calcifications. It also provides tools to assess the peripheral vessels along the access route.

- **3D Modeling*** to support the anatomical representation of the heart, to be used by your surgeons/interventionalist.
- **Allura / Azurion integration and interface** (NICB130)



CT TAVI Planning



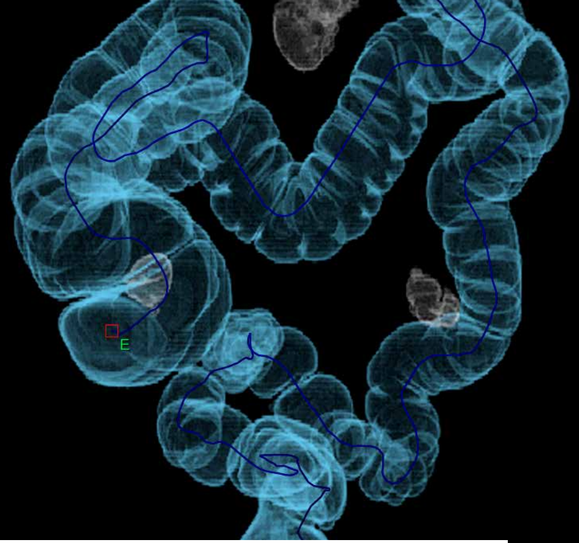
CT AVA Stent Planningg

Prerequisite: AV CT Essential Package

* 3D models are not intended for diagnostic use

AV CT Onco Plus

AV CT Onco Plus provides dedicated workflows for the screening and diagnosis of lung and colon cancer.



AV CT Onco Plus

- Lung Nodule Assessment
- CT Virtual Colonoscopy

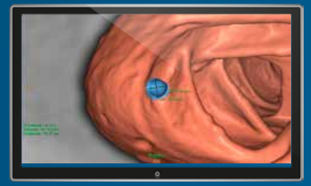
Server (ISP)	NICA786	**Workstation (IX)**	NICB786
	NICB395		NICB396
	NICA284		NICA693

CT Lung Nodule Assesment provides segmentation, quantification and characterization of physician-indicated lung nodules in a single study, or over the course of several thoracic studies.

CT Virtual Colonoscopy automatically segments the air-filled colon and displays a calculated navigation path to enable 3D visualization of colon scans

- **AV MM Onco Pro**
- **AV CT Onco Lung Premium***
- **AV CT Onco Lung Premium NA****
- **AV CT Onco Colon Premium***

CT Lung Nodule Assesment



CT Virtual Colonoscopy

* Not available in North America
** Only available in North America

AV MM Onco Pro

AV MM Onco Pro package for the multimodal follow-up of lesions over time. Enhanced Multimodality Tumor Tracking (MMTT) analyzes and quantifies anatomical and functional images for CT, MR, PET/CT, SPECT/CT, and Dual Energy CT and CT Spectral at one or multiple time points.

The Pre-Fetch option uses Artificial Intelligence to fetch priors automatically.

AV MM Onco Pro

- Enhanced Multimodality Tumor Tracking (MMTT)
- Pre-fetch

Server (ISP)	NICA795	**Workstation (IX)**	NICB795
	NICB116		NICB119
	NICA450		NICA450

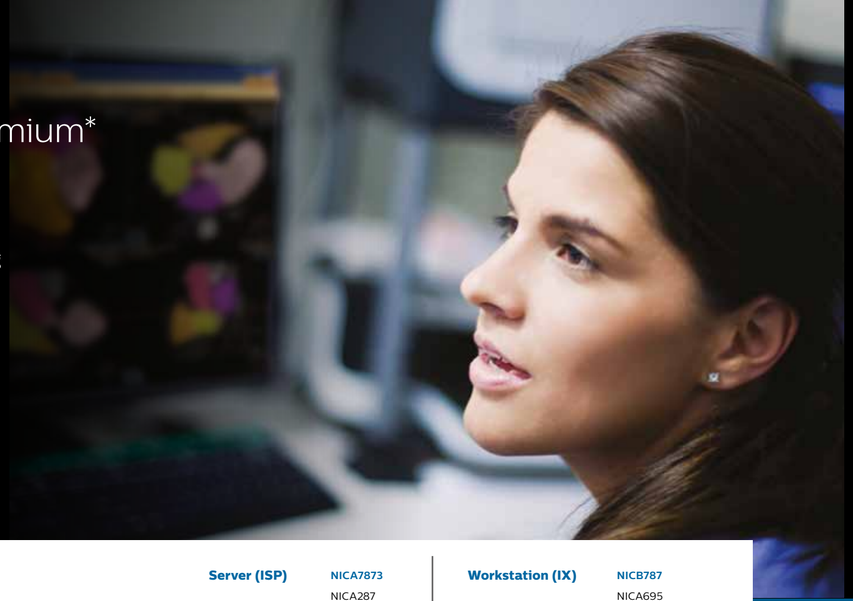
Enhanced MMTT analyzes and quantifies anatomical and functional multimodal images at one or multiple time points. The application offers a selection of oncology response criteria (i.e. RECIST, WHO, CHOI), and supports PET SUV analysis. Automatic, AI-based Pre-Fetching is available to fetch priors.

- **MMTT qEASL** to assess heterogeneous lesions
- **3D Modeling*** to create volumetric models of anatomical structures

* 3D models are not intended for diagnostic use

AV CT Onco Colon Premium*

AV CT Onco Premium package streamlines your workflow with automatic electronic aided cleansing and computer detection (CAD) as second reader.



AV CT Onco Colon Premium	Server (ISP)	Workstation (IX)
• CT Virtual Colon CAR	NICA7873 NICA287	NICB787 NICA695
• CT VC Elec. Cleansing	NICA290	NICA697

The Electronic Cleansing function can reduce the effect of residual liquids and fecal materials by "tagging" them via contrast-enhancement, allowing the user to automatically segment and subtract them. In addition, the CAD option can be used as a second reader and assist in the search for polyps.

- **Multimodality Tumor Tracking** (MMTT) for multimodal follow-up of lesions over time
- **3D Modeling*** to create volumetric models of anatomical structures

CT Virtual Colon CAD

CT Virtual Colon CAD not available for sale in the United States

AV CT Onco Plus package is a prerequisite for this package

* 3D models are not intended for diagnostic use

AV CT Onco Lung Premium*

AV CT Onco Lung Premium package streamlines your workflow with automatic pre-fill, using artificial intelligence based on nodules characteristics, computer aided detection (CAD) as second reader and guidelines for incidental findings.

AV CT Onco Lung Premium	Server (ISP)	Workstation (IX)
• Lung Nodule Assess. Pre-Fill	NICA789	NICB789
• Lung Nodule CAD	NICB403	NICB408
• LNA Fleischner Guidelines	NICB397	NICB402
	NICB389	NICA668

AV CT Onco Lung Premium includes add-on options complementing the workflow of the Lung Nodule Assessment (LNA) application.

LNA Pre-Fill uses artificial intelligence to automatically provide characteristics for each nodule in configurable presets, including lobe location, nodule shape, nodule spiculation, endobronchial and Perifissural/Subpleural.

LNA CAD offers an automated process intended for use as a second reader to identify and mark regions of interest based on image features associated with lung nodules.

LNA Fleischner Guidelines supports guidelines for incidental findings.

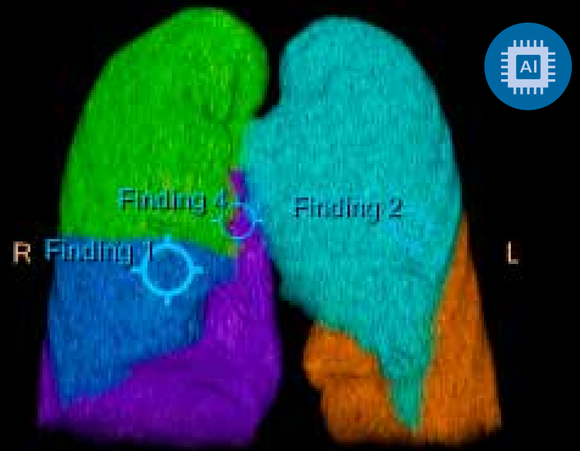
- **CT LNA LungRADS** for lung nodule categorization
- **CT LNA Risk Calculator** to assess probability of malignancy

AV CT Onco Plus package is a prerequisite for this package

*Not available for sale in the United States

AV CT Onco Lung Premium North America*

AV CT Onco Lung Premium NA package automates your workflow with automatic pre-fill, standardized LungRADS category and a risk calculator to evaluate the probability of malignancy.



AV CT Onco Lung Premium NA

- Lung Nodule Assess. Pre-Fill
- LNA LungRADS Categorize Report
- LNA Risk Calc. (McWilliams)

Server (ISP)	**NICA777**	**Workstation (IX)**	**NICB777**
	NICB403		NICB408
	NICB398		NICB404
	NICB401		NICB406

AV CT Onco Lung Premium includes add-on options complementing the workflow of the Lung Nodule Assessment (LNA) application.

LNA Pre-Fill uses artificial intelligence to automatically provide characteristics for each nodule in configurable presets, including lobe location, nodule shape, nodule spiculation, endobronchial and Perifissural/Subpleural.

LNA Lung-RADS reporting criteria provides automatic Lung-RADS calculation according to the American College of Radiology (ACR) guidelines, including: category, suggested management and a rationale.

LNA Risk Calc relies on patient and nodule characteristics for estimation of the probability that lung nodules detected on baseline screening low-dose CT scans are malignant.

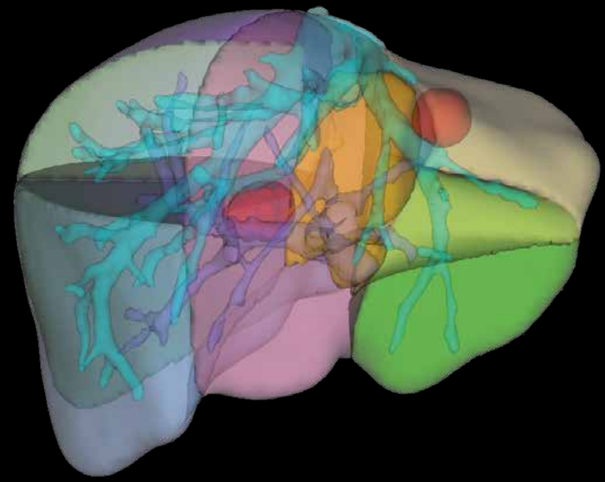
- **CT LNA Fleischner Guidelines** for incidental findings

AV CT Onco Plus package is a prerequisite for this package

* This package is only available for North American customers

AV CT Liver Premium

AV CT Liver Premium offers functional analysis of hepatic tumors and procedural planning including liver resection.



AV CT Liver Premium

- CT Body Perfusion
- CT Liver Analysis

Server (ISP)	**NICA778**	**Workstation (IX)**	NICB778
	NICA126		NICA687
	NICA424		NICA699

CT Body Perfusion analyzes the uptake of injected contrast bolus in order to determine functional blood flow information.

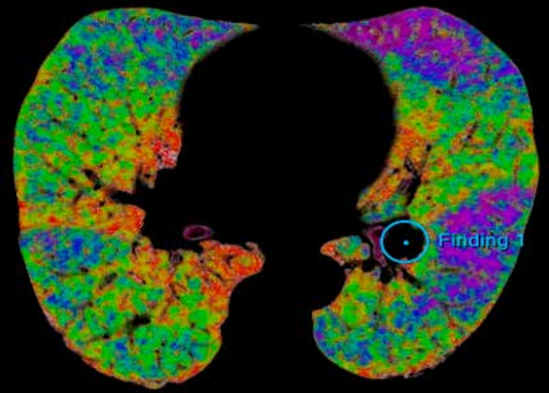
CT Liver Analysis offers tools to support liver volumetry and enable the volumetric estimation of resected and residual liver segments.

- **MR Liver Health** for the assessment of liver diseases

CT Liver Analysis

AV CT Pulmo Premium

AV CT Pulmo Premium for the assessment of pulmonary embolism and the quantification of emphysema



AV CT Pulmo Premium

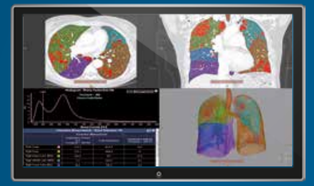
- CT Pulmo Artery Analys
- CT COPD

Server (ISP)	NICA759	**Workstation (IX)**	NICB759
	NICB123		NICB127
	NICB122		NICB128

CT Pulmonary Artery Analysis (PAA) assists in the localization of suspected pulmonary embolism findings and the extraction of relevant cardiac measurements.

CT COPD helps visualize and quantify emphysema and air trapping in a single study, or over the course of several studies.

- **CT Lung Nodule Assessment** for identification of several radiological findings in chest CT (consolidation and ground-glass opacity)
- **CT Pulmo Auto Results** for evaluation of non-specific finding associated with COVID-19*

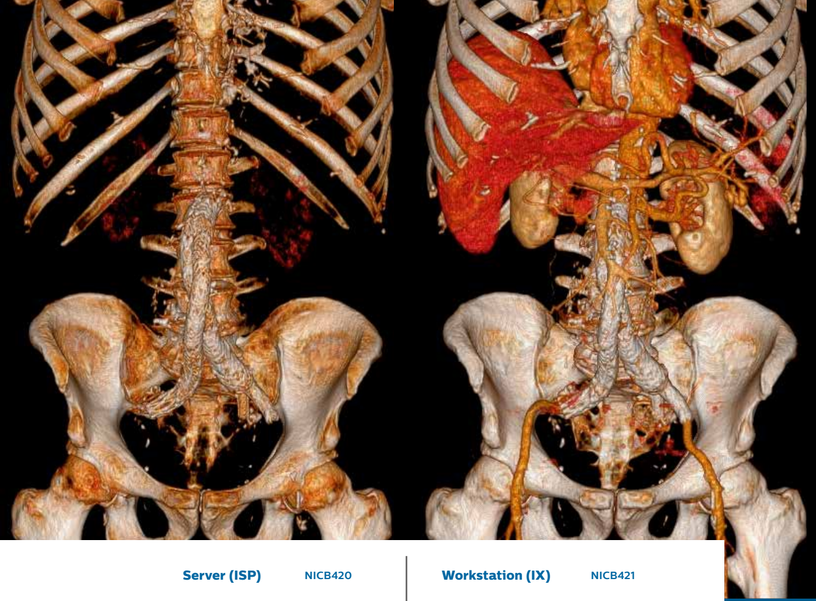


CT COPD

* In the United States of America, the CT Pulmo Auto Results can only be used under the National Emergency Concerning the Novel Coronavirus Disease (COVID-19), and is not cleared by the FDA.

AV CT Spectral Pro

AV CT Spectral Pro package of for the Philips IQon Spectral CT (or any Spectral CT modality) that delivers advanced spectral and clinical application tools to meet the unique needs of the Spectral CT community.



AV CT Spectral Pro

- CT Spectral Enhanced CT Viewer
- CT Spectral Magic Glass on PACS

Server (ISP) NICB420

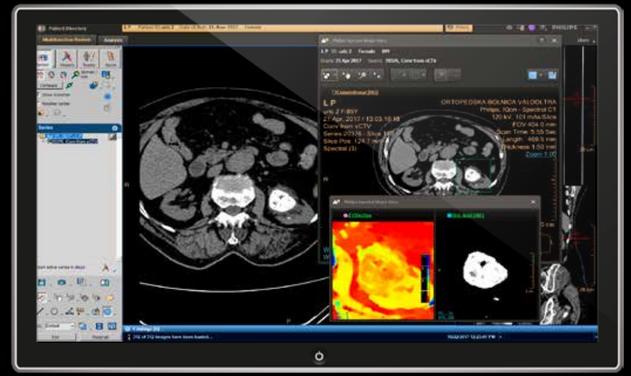
Workstation (IX) NICB421

- Spectrally enhance a conventional image by overlaying an iodine map
- Visualize virtual non-contrast images
- View images at different energy levels (40-200 keV)
- Use spectral volume quantification to perform quick sub-lesion segmentation, quantification and visualization of hypo-perfusion regions
- Easily switch among various spectral results through a viewport control
- Manage presets to create user- and site-specific presets
- Characterize lesions using scatter plots
- Characterize tissue using attenuation curves
- Compare multiple spectral results simultaneously for a Region of Interest by using the Spectral Magic Glass feature for spectral analysis on conventional images

- **Cardiovascular: AV CT Essentials and AV CT Cardiac Pro**
- **Oncology: AV CT Onco Pro**

AV CT Spectral Premium

Enterprise-wide spectral viewing and analysis, offering on-demand spectral results virtually anywhere in the enterprise.



AV CT Spectral Premium

- CT Spectral Pro
- CT Spectral AVA
- CT Spectral Tumor Track
- CT Spectral CCA

Server (ISP) NICB530

NICB420
NICB426
NICB422
NICB424

- Spectrally enhance a conventional image by overlaying an iodine map
- Visualize virtual non-contrast images
- View images at different energy levels (40-200 keV)
- Use spectral volume quantification to perform quick sub-lesion segmentation, quantification and visualization of hypo-perfusion regions
- Easily switch among various spectral results through a viewport control
- Manage presets to create user- and site-specific presets
- Characterize lesions using scatter plots
- Characterize tissue using attenuation curves
- Compare multiple spectral results simultaneously for a Region of Interest by using the Spectral Magic Glass feature for spectral analysis on conventional images

- **Cardiovascular: AV CT Essentials and AV CT Cardiac Pro**
- **Oncology: AV CT Onco Pro**

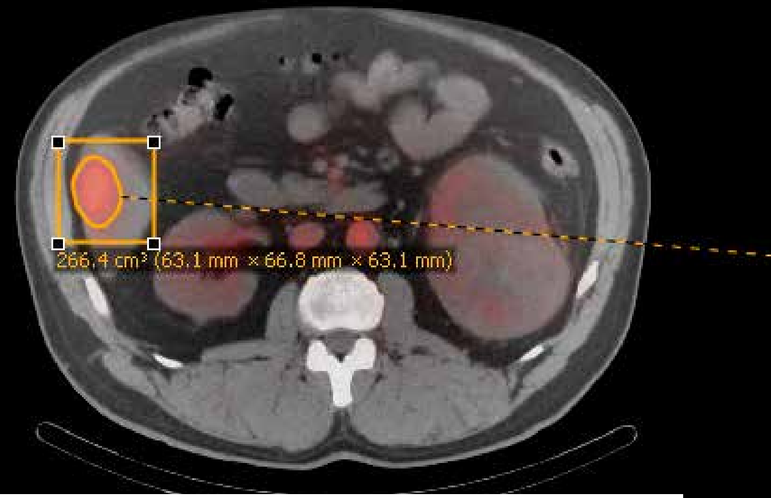
MI packages

AV SPECT CT

IntelliSpace Portal provides a wide variety of applications supporting advanced visualization for your Molecular Imaging (MI) acquisitions. Choose our handpicked SPECT package to cover your clinical and workflow needs. Complement with any of our a-la-carte applications to have a complete set of applications.

AV SPECT CT

Adjust your advanced visualization solution for processing and review of Nuclear Medicine planar, SPECT, and SPECT/CT studies according to your hardware needs.



AV SPECT CT	Server (ISP)	NICH111	Workstation (IX)	NICH110
• NM Mirada viewer Pro		NICA445		NICA738
• NM processing Apps Suite		NICA436		NICA723
• NM Astonish Recon		NICA438		NICA725

Mirada Pro viewer provides a comprehensive review and analysis environment for SPECT, SPECT/CT, and PET/CT studies

NM processing Apps Suite provides a comprehensive analysis, and processing environment for Planar and SPECT studies. NM processing Apps Suite includes Renal, Lung, Bone /Whole Body, Cardiac (First Pass, Shunt and MUGA), Gastric, Liver, Gallbladder, Esophageal, and Thyroid/Parathyroid, applications. These applications are fully integrated with Viewing, Image and Curve Manipulation tools. NM Processing package includes AutoSPECT Pro for SPECT and SPECT/CT reconstruction workflows.

NM Astonish Reconstruction is a family of advanced reconstruction algorithms to improve image quality in SPECT by modeling the characteristics of the imaging system and removing the resolution losses due to distance-dependent blurring.

MR packages

AV MR Essential

AV MR Cardiac Pro
AV MR Cardiac Premium

AV MM Onco Pro
AV MR Onco Premium

AV MR Neuro Plus
AV MR Neuro Premium

AV MR MSK Premium

IntelliSpace Portal provides a wide variety of over 20 applications supporting advanced visualization for your MR acquisitions.

Choose among our handpicked MR packages to cover your clinical and workflow needs. Complement with any of our a-la-carte applications to have a complete set of applications.

Our recommendation for additional packages or a-la-carte options to complement the packages are marked with:

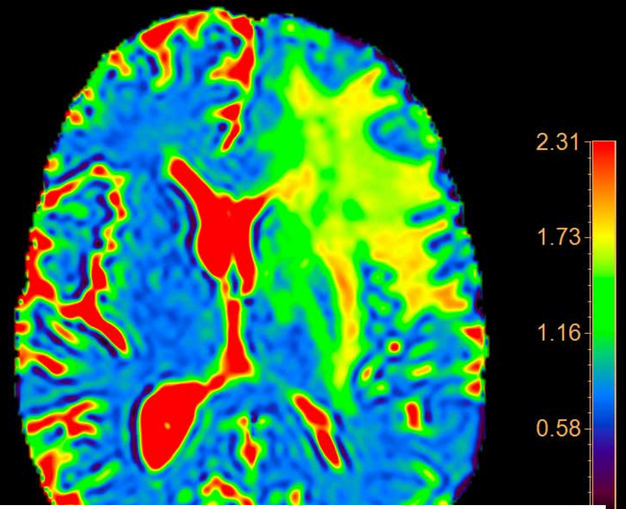
Prerequisites
- For AV MR Neuro Premium › AV MR Essential Package is a prerequisite
- For AV MR Cardiac Premium › AV MR Cardiac Pro is a prerequisite

Overview

MR Packages	**AV MR Essential**
Cardiology	**AV MR Cardiac Pro**
	AV MR Cardiac Premium
Oncology	**AV MM Onco Pro**
	AV MR Onco Premium
Neurology	**AV MR Neuro Plus**
	AV MR Neuro Premium
MSK	**AV MR MSK Premium**

AV MR Essential

AV MR Essential package consolidates the oncology and neurology related routine AV capabilities, required to complete your day to day AV work seamlessly.



AV MR Essential

- MR MobiView
- MR Subtraction
- MR Diffusion
- MR T1 Perfusion

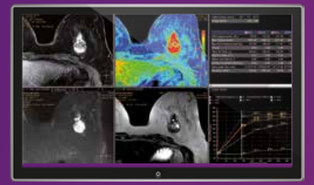
Server (ISP)	NICA801
	NICA206
	NICA221
	NICA215
	NICA212

Workstation (IX)	NICB801
	NICA703
	NICA709
	NICA661
	NICA691

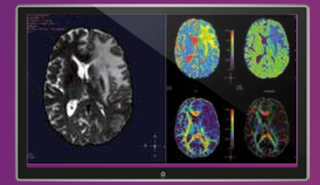
MR T1 Perfusion evaluates Time Intensity Curves (TIC) and produce different parametric maps, as well as numeric and graphical results.

MR Diffusion evaluates Diffusion Weighted Imaging (DWI), to generate parametric maps and help characterize diffusion properties of tissue in such cases as tumor assessment or stroke.

- **MR Liver Health** to support assessment of liver diseases from MRI bio-markers.
- **Multi Modality Advanced Vessels Analysis (MM AVA)** for advanced vascular analysis.
- **AV MR Neuro Plus**



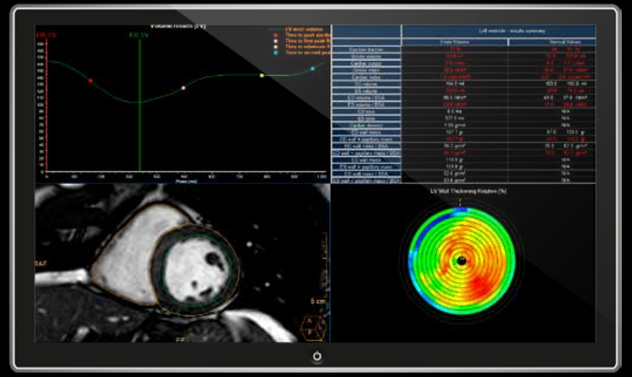
MR T1 Perfusion



MR Diffusion

AV MR Cardiac Pro

AV MR Cardiac Pro package consolidates capabilities for your cardiovascular routine needs, such as: reviewing MR cardiac scans via viewing protocols, quantifying cardiac function parameters for both LV & RV, quantifying blood flow dynamics, and quantify parametric maps.



AV MR Cardiac Pro

- MR Cardiac
- Cardiac MR Quantitative Map
- MR Qflow

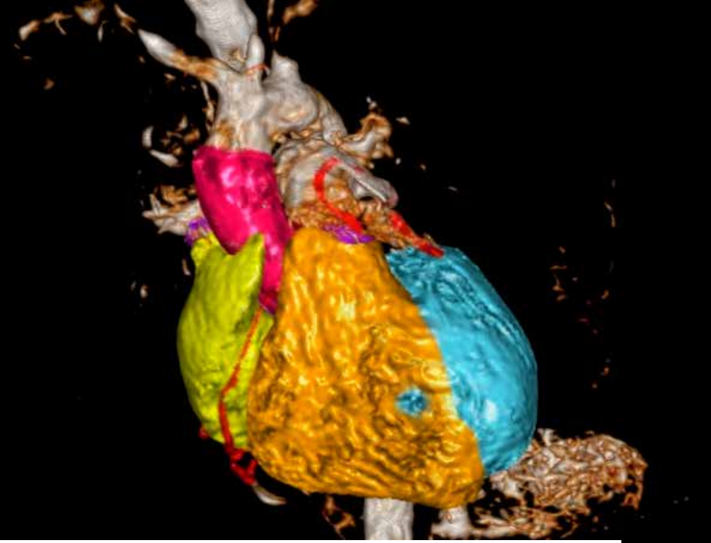
Server (ISP)	NICA803	**Workstation (IX)**	NICB803
	NICA876		NICA913
	NICA877		NICA914
	NICA885		NICA921

MR Cardiac includes a viewer, Functional analysis, and Spatial Enhancements modules. The MR Cardiac Viewer allows side-by-side review of single, multiple or all available cardiac series in a default or in a user-defined viewing protocols. Functional analysis provides semi-automatic and manual tools for segmentation. The application calculates cardiac functional parameters such as volumetric parameters, wall motion, wall thickness and thickening.

- **AV MR Cardiac Premium**
- **Multi Modality Advanced Vessels Analysis (MM AVA)** for advanced vascular analysis.

AV MR Cardiac Premium

AV MR Cardiac Premium package include complementary capabilities for advanced analysis needs such as: temporal enhancements of the myocardium, 3D heart, or vascular anatomy review based on different volume rendering methods.



AV MR Cardiac Premium

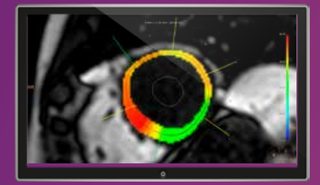
- MR Cardiac Whole Heart
- MR Cardiac Temporal Enhancement

Server (ISP)	NICA804	**Workstation (IX)**	NICB804
	NICA882		NICA919
	NICA879		NICA916

MR Cardiac Whole Heart allows 3D visualization of the heart and vessels anatomy on T1 3D or MRA acquisition. It offers semi-automatic tools based on seed and mask-based segmentation as well as full automatic model-based heart segmentation.

MR Cardiac Temporal Enhancement facilitates myocardial analysis of dynamically resolved cardiac data (multi-slice, dynamics) and enables comparison of rest and stress studies.

- **3D Modeling*** to support the anatomical representation of the heart, to be used by your surgeons/interventionalist.
- **Multi Modality Advanced Vessels Analysis (MM AVA)** for advanced vascular analysis.



MR Cardiac Temporal Enhancement

Prerequisite: AV MR Cardiac Pro Package

* 3D models are not intended for diagnostic use

AV MM Onco Pro

AV MM Onco Pro package for the multimodal follow-up of lesions over time. Enhanced Multimodality Tumor Tracking (MMTT) analyzes and quantifies anatomical and functional images for CT, MR, PET/CT, SPECT/CT, and Dual Energy CT and CT Spectral at one or multiple time points.

The Pre-Fetch option uses Artificial Intelligence to fetch priors automatically.

AV MM Onco Pro

- Enhanced MMTT
- Pre-fetch

Server (ISP)	NICA795	**Workstation (IX)**	NICB795
	NICB116		NICB119
	NICA450		NICA450

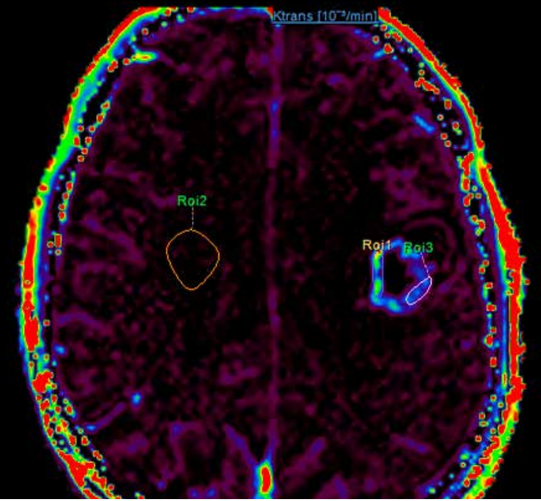
Enhanced MMTT analyzes and quantifies anatomical and functional multimodal images at one or multiple time points. The application offers a selection of oncology response criteria (i.e. RECIST, WHO, CHOI), and supports PET SUV analysis. Automatic, AI-based Pre-Fetching is available to fetch priors.

- **MMTT qEASL** to assess heterogeneous lesions
- **DynaCAD Prostate*** for advanced prostate image analysis
- **MR LoBI** Longitudinal Brain Imaging to visualize changes in brain images over time

* DynaCAD Prostate not available for sale in all countries. Please contact a local Philips representative for details.

AV MR Onco Premium

AV MR Onco Premium package supports advanced MR parametric analyses, generating maps of diffusion kurtosis, intravoxel incoherent motion (IVIM) diffusion as well as permeability.



AV MR Onco Premium

- MR Advanced Diffusion Analysis (ADA)
- MR Permeability

Server (ISP)	NICA806	**Workstation (IX)**	NICB806
	NICA700		NICA692
	NICA426		NICA701

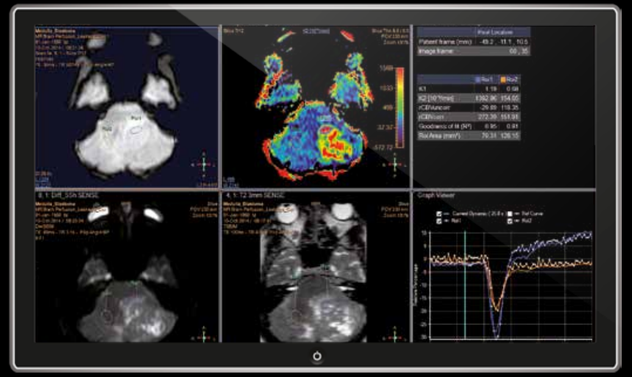
Advanced Diffusion Analysis (ADA) calculates and displays cDWI at a b-value of choice and parametric maps of diffusion kurtosis and IVIM.

MR Permeability supports the computation of parametric maps such as Ktrans, Kep, Ve and Vf.

- **AV MR Neuro Plus**
- **AV MM Onco Pro**

AV MR Neuro Plus

AV MR Neuro Plus package supports MR parametric brain analyses including perfusion mapping, diffusion-perfusion mismatch and spectroscopic imaging.



AV MR Neuro Plus	Server (ISP)	Workstation (IX)
• MR Neuro Perfusion	NICA807	NICB807
• MR SpectroView	NICA209	NICA659
	NICA891	NICA927

MR Neuro Perfusion evaluates DSC T2* perfusion studies and supports the visualization and quantification of diffusion-perfusion mismatch.

MR SpectroView provides hydrogen single voxel spectra as well as metabolite and ratio maps.

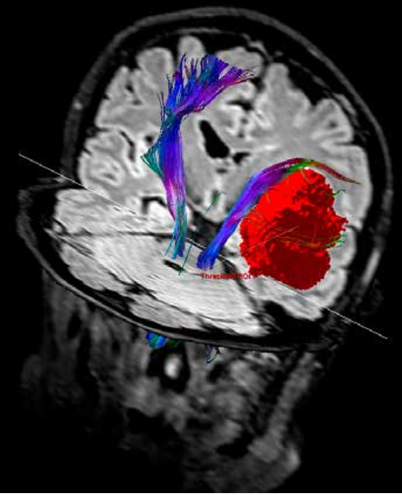
- **MR LoBI** Longitudinal Brain Imaging to visualize changes in brain images over time
- **MR NeuroQuant** to segment and measure volumes of brain structures

MR Neuro Perfusion

NeuroQuant is a trademark of CorTechs Labs

AV MR Neuro Premium

AV MR Neuro Premium package supports advanced anatomical and functional brain assessments, featuring both DTI tractography reconstruction and functional MRI (fMRI) analysis.



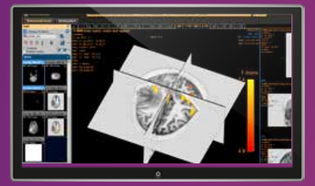
AV MR Neuro Premium	Server (ISP)	Workstation (IX)
• MR FiberTrack	NICA809	NICB809
• MR iViewBold	NICA888	NICA924
	NICB108	NICB113

MR FiberTrak provides visualization and quantification of white matter structure in the brain and spinal tracts using task guidance.

MR iViewBOLD helps identify and visualize functional regions of the brain, relying on local metabolic and hemodynamic changes that occur in activated brain areas.

- **MR LoBI** Longitudinal Brain Imaging to visualize changes in brain images over time
- **AV MR Oncology Premium**

Prerequisite: MR Diffusion (or MR Essential)



MR iViewBOLD

AV MR MSK

AV MR MSK package provides dedicated workflows supporting musculoskeletal image assessments.

AV MR MSK Premium

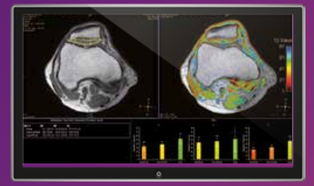
- MR Cartilage assessment
- MR Echo accumulation

Server (ISP)	**NICA810**	**Workstation (IX)**	**NICB810**
	NICA218		NICA708
	NICA224		NICA711

MR Cartilage Assessment enables the visualization of cartilage structures and provides tools to support determination the degradation of the cartilage.

MR Echo Accumulation enables the calculation of new images based on the selected sum of echo times of series with multiple echoes.

- **CT Bone Mineral Analysis** to track degenerative and metabolic bone disease
- **CT Acute Multi-Functional Review** for systematic review of trauma cases



MR Echo accumulation

We are fully committed to develop the best software possible.

The quadruple aim helped us to create award-winning solutions.

Improved patient experience

Improving the patient experience of care by striving for a First-Time-Right diagnosis

- **Improved patient journey** by obtaining a holistic diagnosis with faster outcomes.
- **Safe,** providing access to the latest software update and physician training.

Better health outcomes

Improving the health of individuals and populations

- **Analysis depth,** by providing access to a wide variety of diagnosis applications.
- **Continuous innovation** of our clinical applications to support more accurate clinical diagnosis.

Improved staff experience

Improving the work life of health professionals

- **Simple and intuitive** user interfaces for our Advanced Visualization applications.
- **Use of latest technology** to reduce downtime and increase system response time.

Lower cost of care

Reducing the per capita cost of healthcare

- **Signing up to our Service Agreements** to keep your Advanced Visualization system always up to date, while minimizing system downtime.
- **Use of subscription business models** to get a predictable budgets over time.

4522 991 62721 * OCT 2020

How to reach us
Please visit www.philips.com
healthcare@philips.com