



# myrian™ Advance

“At the hospital or at your practice, on your PACS or on your laptop, the universal multimodality diagnostic workstation now has a name.”

This genuine multimodality diagnostic workstation will keep you ahead of the game. Myrian™ Advance contains every tool you need for your diagnosis in one highly optimised workspace layout. The user-definable protocols automatically organise the workspace for your studies to achieve maximum efficiency. MIP, MinIP, curved and oblique MPR, synchronized study comparison and countless other options turn Myrian™ Advance into a productivity workhorse. Myrian™ Advance is *the* diagnostic workstation *par excellence*, whether in the interpretation room, at medical staff meetings, as an add-on to your server at the practice, as an extension to your PACS, or even carried around on your laptop. Every detail is designed to make your everyday life more comfortable – and cheaper.



## Dr Pierre HAUPTMANN

Radiology Clinic, Mulhouse (France)

*«I have my own copy of Myrian™ on my laptop. That way, it is always at hand at the clinic, at the office and at home. I can import studies from CDs, from modalities or from any PACS. Every practice should have this tool.»*

## Dr Catherine BEIGELMAN

La Pitié-Salpêtrière Hospital, Paris (France)

*«Efficient workflow and user-friendliness combined, make this tool very powerful in clinical routine. High-quality MIP and MinIP post-processing and effortless handling of any oblique MPR reconstruction help make thoracic imaging diagnosis easier. With Myrian™, comparing follow-up studies can be done serenely and saving or exporting key images is very simple.»*

### Direct access to studies

Click only once to see all the studies belonging to the same patient or to fetch them from the PACS

### Multimodality

CT scan, MRI, standard CR radiology, ultrasound, PET... each modality has its own specific tools and protocols

### Oblique MPR

With oblique MPR, no detail will escape your scrutiny. You can choose either the oblique rotation axis or the cube to manipulate the view and display airways in one plane of view

### Curvilinear navigation

Create a path and navigate simply along a vessel or a spinal column



### Create new series

Interactively generate new series in linear, radial or curved mode in a couple of clicks

### MIP/MinIP rendering

Enhance visibility of vascular tissues or airways thanks to instant MIP/MinIP rendering with outstanding image quality

### Display protocols

Protocols automatically reconstruct and display studies according to your specific needs to improve effectiveness and bring you straight to the heart of the matter

### Multimonitor

One, two, three screens: your workspace can adjust to your organisational needs and make the most of each monitor at maximum resolution



#### Available options

DicomCreator  
ReportCreator  
SafeViewCreator  
QuizCreator  
SelectionCreator

SeriesCreator  
CprNavigator  
SectionNavigator  
PrintCalibrator

#### Available expert modules

Myrian™ XP-Ortho (with Myrian™ ReportCreator)



	Processor	RAM	Screen Resolution	Graphics Card	Operating System
Minimal configuration	Intel® Celeron® or AMD™ Sempron™	1 GB	1024x768	Any graphic card	Microsoft® Windows® XP SP4 32 bits
Recommended configuration	Intel® Core™ 2 Quad or Duo	4 GB	2 MP monitors	nVIDIA™ GeForce™ 9800 GT or Intel® GMA 4500	Microsoft® Windows® XP Pro SP3 or Windows® Vista Business SP2 32 bits

## Tools

### Smart display and advanced post-processing

- ☑ Multimodality visualisation (CR/DR, CT, MRI, PET, US...)
- ☑ Customizable workspace, integrated monitor calibration
- ☑ Dynamic display on one, two or three monitors at maximum resolution
- ☑ Creation and modification of protocols for smart image display and customization of the user interface (4 protocols provided)
- ☑ Instant MPR reconstruction in axial, coronal and sagittal planes
- ☑ Oblique and double-oblique MPR with inter-series cross-reference lines
- ☑ Slice thickening in average, MIP and MinIP modes
- ☑ Synchronized study comparison in any MPR plane of view
- ☑ Windowing, zooming, panning and cine mode
- ☑ Direct access to all series belonging to the same patient
- ☑ Synchronized navigation with the anatomic centre
- ☑ Cross-reference lines and axes for MRI series

### Advanced tools

- ☑ Length, angle, surface and density measurements
- ☑ Density histogram
- ☑ Arrow signage, smart annotations
- ☑ Customizable selecting, saving and printing of key images

### Communication

- ☑ Print to DICOM and/or Windows® printers
- ☑ Import entire studies from the network in just one click
- ☑ Smart study management: status, comments, filters
- ☑ Export series or individual images in multiple formats (DICOM, JPEG, TIFF, BMP...)
- ☑ DICOM CD production with a built-in viewer
- ☑ Study anonymizing with integrated encoding for conferences or research
- ☑ Diagnostic class certification

### User-friendliness and support

- ☑ Smart launch of any DICOM CD with preview
- ☑ Simplified multilingual user interface
- ☑ Customizable mouse functions, user preferences and keyboard shortcuts
- ☑ Context help, wizards and clinical guides
- ☑ Integrated access to support and ISO 9001 certified hotline
- ☑ Full one-year guarantee including product updates and upgrades, maintenance contract

### Compatibility

- ☑ Runs on Windows® XP, Windows Vista®, Windows 7™
- ☑ DICOM Connectivity: Store SCU/SCP, Query SCU, Print SCU