The power of virtual colonoscopy natively integrated to the diagnostic workstation with seamless CAD integration.

Myrian™ XP-Colon puts virtual colonoscopy within everybody’s reach. Its unique automatic segmentation and endoscopy rendering technologies make it simple to navigate inside the colon and search for polyps. A virtual camera probe is used to seek out candidate lesions whilst 2D MPR viewports provide all the complementary anatomical information required for their characterization. The adjustably transparent DCBE view charts the exact position of lesions in 3D at all times, whilst the unfolded filet view completes the examination. Myrian™ XP-Colon automatically measures the volume and maximum size of each polyp, keeping track of its precise coordinates. Seamlessly built-in to the Myrian™ Expert VL workstation, the module helps to examine the anatomical and pathological environment of each lesion and validate your diagnosis without losing one critical second of time. The integrated report generation, the scrapbook and the ability to export to a PACS or removable media improve interdepartmental communication. The optional seamless integration of CAD results (not available in the USA) further enhances the sensitivity of your interpretation.

Prof. Yves GANDON
Rennes University Hospital (France)

“Myrian™” XP-Colon allows me to successfully perform colonoscopy using my Myrian™ Expert VL workstation, in which it sits perfectly and seamlessly. Thanks to the smooth, top quality endoscopy reconstruction, we achieve excellent results in our polyp search, whilst the characterization tools confirm our analysis.”

www.myrian.fr/xp-colon
**Display protocols**
Prone, supine, DCBE, endoscopy, filet views: studies are automatically recognised and displayed according to the most suitable protocols in a workspace that can be adapted to your needs.

**Management of findings**
Mark each polyp as a point of interest (POI) and measure it instantly. Then navigate from lesion to lesion using the automatically sorted POI list.

**Matching of prone and supine views**
Confirm candidate lesions by matching prone and supine views.

**DCBE view**
Visualise and locate candidate lesions within the colon.

**CAD option**
(not available in the USA)
With the fully integrated optional CAD option you can obtain all CAD findings at once in the POI management screen.

**Integrated reports**
Generate comprehensive reports in one click listing findings in tables which include their snapshots, then push them to PACS in DICOM format.

**Virtual colonoscopy**
Operate the virtual endoscope using the mouse. Variable focal lens angle (up to 160°), forward/reverse navigation and free rotation help to carry out the examination.

**Filet view**
The unfolded view of the colon completes the search for polyps.

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**Tools**
- Automatic computation of the virtual endoscopic path
- Variable angle width of the camera probe with free rotation and reverse navigation
- Dedicated viewports: endoscopy, DCBE colon, filet, 3D zoom-in on a polyp
- Filet view
- Prone/supine matching with POI manager
- Automatic polyp segmentation
- Automatic feature extraction
- Dedicated report builder
- Optional MedicSight ColonCAD™ add-on module (ref: MDST-ColonCAD) with concurrent or peripheral reading mode possibility

**Compatibility**
Myrian™ ExpertVL

**Optional add-on modules**
(MDST-ColonCAD™ - award-winning CAD module by MedicSight as a concurrent or secondary reader (not available in the USA))