

# CT Colonography

## Sectra Advanced Visualization Package

### Fully integrated with Sectra PACS

Sectra's CT Colonography application is fully integrated with Sectra PACS, enabling efficient reading of CT colonography examinations from a single workstation.

The application is part of a broad portfolio of advanced visualization applications featuring specific oncology workflow tools to keep pace with the rapidly growing diagnostic needs.

### The CT Colonography application

Sectra's advanced CT Colonography application is an efficient tool for performing virtual CT colonoscopy. The application makes it simple to navigate inside the colon to search for polyps. A virtual camera probe is used to seek out candidate lesions, while 2D MPR viewports provide all the complementary anatomical information required for their characterization.



The adjustable transparent DCBE view charts the exact position of lesions in 3D, and the unfolded full-sight file view complements the analysis. The application keeps track of the precise coordinates of each polyp, both in 2D and 3D, which enables examination of the anatomical and pathological environment of each lesion and validates the diagnosis.

### Key features

- » Automatic computation of the virtual endoscopic path
- » Variable angle width of the camera probe with free rotation and reverse navigation
- » Support for endoscopy, DCBE colon, full-sight file view and 3D zoom-in on a polyp
- » Prone/supine matching with POI manager
- » Synchronization of navigation between prone and supine acquisition
- » Tools for measurements of polyps and distance to rectum