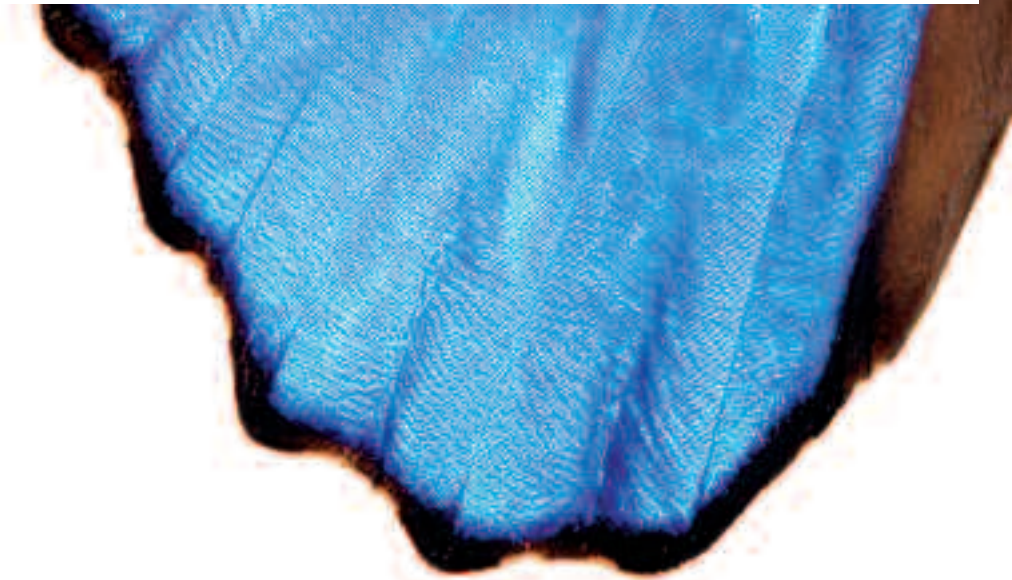**smith&nephew**
660HD
Image Management System

High definition image management that puts you in complete control

The 660HD Image Management System increases OR efficiency by easily capturing and utilizing surgical images in true high definition (HD) format.

Manage Your Surgical Images with Ease

The Smith & Nephew 660HD Image Management System is an easy-to-use digital capture system that enables the OR staff to capture, edit, print, and store intraoperative surgical images and videos in true 1920 x 1080 high definition (HD) format.

Patient images and videos can be captured using camera head buttons or the graphical user interface. Images can be edited and printed on inkjet or laser printers. Patient data can be written to a data CD/DVD for a computer, or a video DVD for use in commercial DVD players. Images can also be saved to a USB drive or network folder. When used with the Smith & Nephew Integration Broker software, the 660HD System can save to PACS using DICOM or Electronic Medical Record (EMR) using HL7.
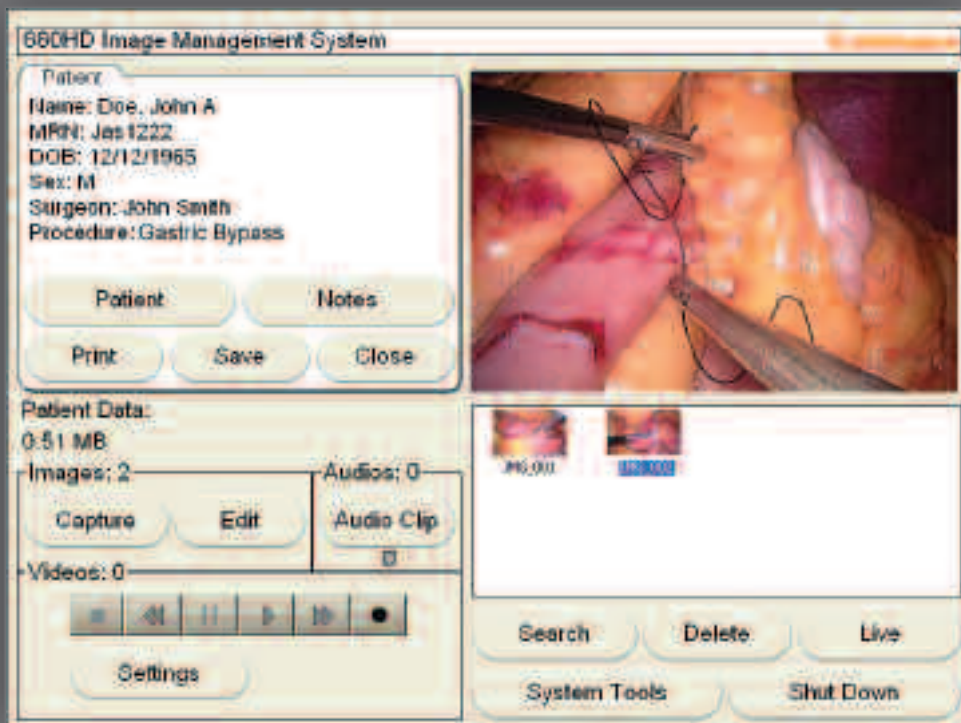
Capture

Enter the entire day's patients in the morning, or integrate with the electronic medical record for one-touch patient data import.

Capture images and video from any source in multiple formats.

Capture audio either in combination with video, or as a audio clip.

660HD Image Management System

Patient
Name: Doe, John A
MRN: Jas1222
DOB: 12/12/1965
Sex: M
Surgeon: John Smith
Procedure: Gastric Bypass

Patient   Notes
Print   Save   Close

Patient Data:
0.51 MB
Images: 2   Audios: 0
Capture   Edit   Audio Clip
Videos: 0

Settings

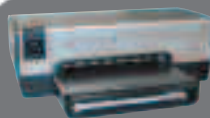Search   Delete   Live
System Tools   Shut Down

Edit

Search history for previous patients, retrieve data and view, edit, print or save it.

Rename images, videos and audios using the built-in keyboard or configurable drop-down menus.

Enhance image brightness, contrast or color.

Print

Print patient data in any one of eight formats using only the desired images.

Use the "Auto Print" feature and have images print as the case proceeds.

Include patient notes as well as the facility logo and address on the printouts.

Store

Store data to a USB device, CD, or DVD.

Send patient data to any network folder.

Use the Integration Broker software to save to PACS using DICOM, or Electronic Medical Record (EMR) using HL7.

System Specifications

Video Inputs:	S-Video (Y/C), Composite, HD-SDI, IEEE-1394
Video Outputs:	S-Video (Y/C), Composite, HD-SDI, DVI
Video Formats:	NTSC and PAL
USB 2.0 Ports:	Type A receptacle, software compatible with NS16C550
Parallel Port:	Bidirectional input/output with female DB-25 receptacle
Serial Ports:	UART port with male DB-9 receptacle
VGA Port:	15-pin female VGA port
Ethernet Ports:	Auto-select 10Base-T/100Base-TX
Storage:	Supports read/write of USB flash media of different sizes; CD-R/RW: 650 MB or 700 MB. Writes data in standard ISO 9660 CD-R format. DVD-R/RW: 4.7 GB. DVD+R: 4.7 GB.
Still Image File Formats:	24-bit RGB bitmap (.bmp) file 24-bit JPEG (.jpg) file
Still Image Resolution:	NTSC/PAL Up to 1920x1080@24 bit color depth 16.77 million True Color
Motion Video File Format:	MPEG1, MPEG2, MPEG4 AVI (For IEEE-1394 only)
Power Requirements:	Input Voltage: 100-240 VAC, 50/60 Hz @ 90VA
Dimensions:	(L x W x H) 14.0 x 12.0 x 8.0 inches 35.56 x 30.48 x 20.32 cm
Weight:	16 lbs (7.25 kg)
Hard Drive:	200 GB drive with Ultra DMA data transfer
Processor:	Intel® Pentium® M 1.6 GHz
Operating System:	Microsoft® embedded Windows® XP

Ordering Information

Please contact Customer Service for product availability

72200812	660HD Image Management System, English on-screen display and Operations/Service Manual, US power cord
72200814	660HD Image Management System, multi-language on-screen display and Operations/Service Manual, continental power cord
72200816	660HD Image Management System, English on-screen display and Operations/Service Manual, UK power cord

Accessories

7210344	Touch panel, LCD, 15" (domestic)
7210345	Touch panel, LCD, 19" (domestic)
7209339	Single-pedal footswitch
7209340	Dual-pedal footswitch
7210534	DVD-R media
7209338	650 MB or 700 MB CD-R media
72200035	Printer 6540, ink jet
7210533	Premium photo paper, glossy, 50 sheets
72200203	Everyday photo paper, semi-gloss, 100 sheets
72200204	High volume black ink cartridge, 21 ml
72200205	High volume color ink cartridge, 14 ml