CODONICS

Worldwide

Import. Store. Record. View. Print.

World Headquarters - Cleveland, USA

Lisbon, Portugal

Paris, France

Tokyo, Japan

Shanghai, China

Mexico City, Mexico

Milan, Italy

Buenos Aires, Argentina
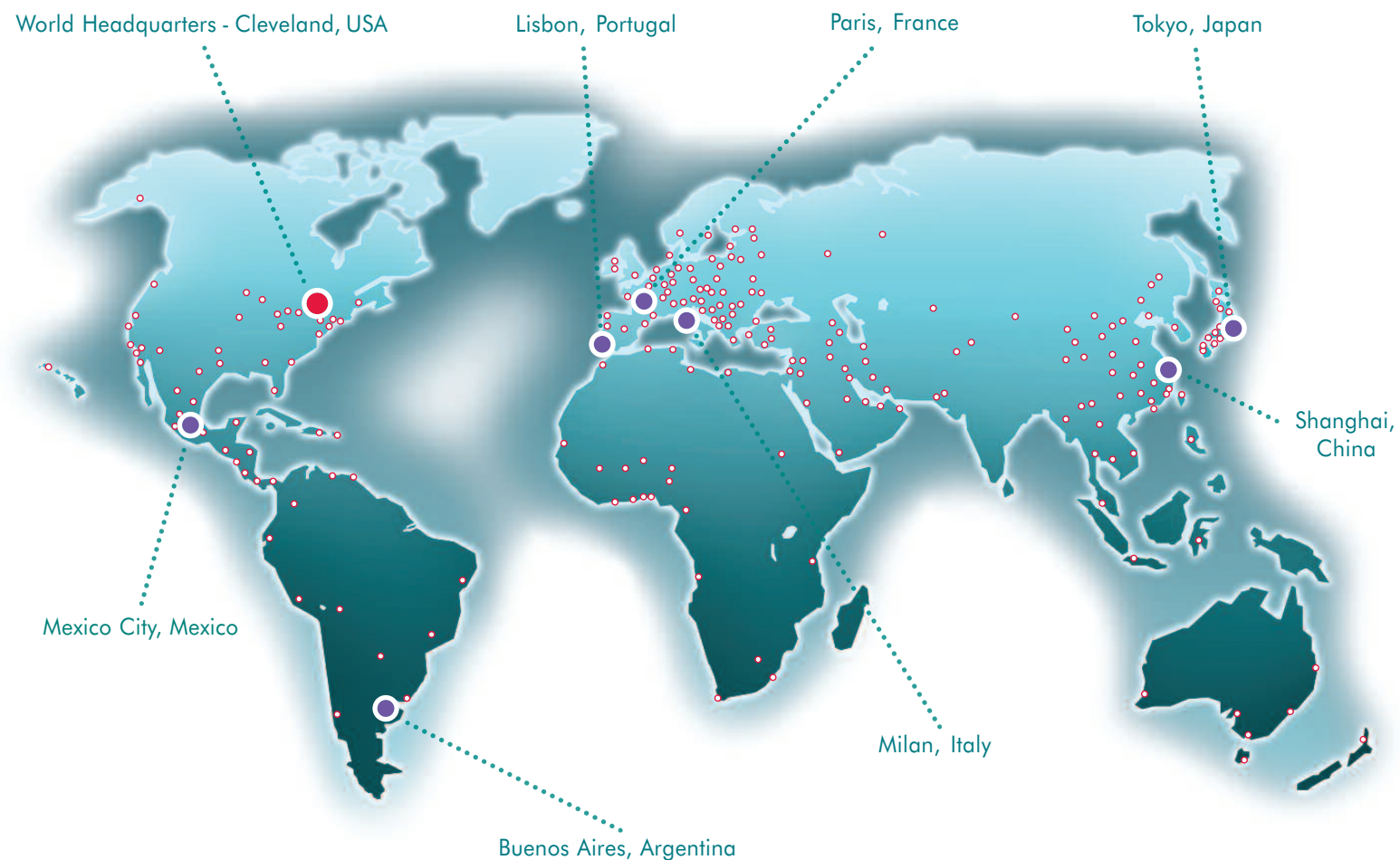
● Codonics World Headquarters
● Satellite Offices
○ Authorized Resellers

CODONICS®

We bring the future into focus

17991 Englewood Drive
Middleburg Heights, OH 44130 USA
+1.440.243.1198
+1.440.243.1334 Fax
Email info@codonics.com
www.codonics.com

CODONICS

Call Codonics at +1.440.243.1198 / 800.444.1198 or visit www.codonics.com for more information.

DNV
ISO 9001/ISO 13485 CERTIFIED COMPANY

NORWEGIAN ACCREDITATION
QUAL 002

Import.

![Codonics logo]

Integrity® Medical Image Importer

Revolutionize your workflow. Integrity is a powerful, easy-to-use solution to read, reconcile and store medical studies from a disc into PACS. Integrity also allows DICOM images to be stored directly to it from any network device. Using rule-based search capabilities to quickly reconcile external studies with the facility's Modality Worklist (MWL) and local PACS, Integrity automatically performs multiple searches to match study demographics – even when patient names are represented in different character sets.

Its web-based interface provides multi-user access yet assures simplicity and security. By separating disc read from reconciliation, the reader can be located where patients arrive with discs to be imported. Reconciliation and storing to Integrity, PACS, or alternate DICOM destinations can occur at any time, at any network computer with a web browser.

Features/Benefits

- Extremely compact, stand alone, network-based device that eliminates the need for bulky PCs to import images
- Protects network security by providing built-in anti-virus scan of all imported studies
- Audit logging of all studies imported, reconciled and stored to PACS
- Reconciles patient data with facility's own Modality Worklist to ensure accuracy with other hospital/site information systems
- Configure up to ten DICOM Store destinations including PACS, local archive, workstation, or Codonics Virtua®
- Compliant with the IHE Portable Data for Imaging (PDI) and Import Reconciliation Workflow (IRWF) integration profiles
- Integrity uses the same intuitive, web-based interface as Codonics Virtua® and is the perfect companion for a complete medical disc management system

Split Workflow Advantage

READ NOW: Integrity is small enough to be placed at the receptionist desk or any convenient location where patients arrive with prior studies on CD or DVD. The receptionist simply inserts the disc into Integrity and the system automatically imports the study and report, allowing the disc to be immediately returned to the patient.

RECONCILE LATER: The imported study is there when needed, and reconciliation can occur at any time, at any network computer. This enables your key personnel to continue their daily activities without interruption and frees them from ever having to handle the disc. Imagine how Integrity can benefit your organization – read now, reconcile later.

Study Screen

Reconciliation Screen

Store.

Infinity® Medical Image Server

Scalable storage solutions to grow with your needs. The Infinity Medical Image Server combines simplicity and speed in a highly-reliable DICOM storage appliance. An easy to use solution for storing and retrieving medical images, applications such as direct modality storage of large DICOM datasets or storage of digital images in an environment without a centralized image server are suited for Infinity. Its unique design delivers performance and reliability, making Infinity an ideal storage solution for large, permanent or temporary data sets from CT, PET/CT, cone beam CT, MR, cath lab, mammography and other DICOM modalities. Thin slices, raw data, 3D reconstructions and multi-frame studies can be quickly saved and retrieved for future reconstruction or review. Additionally, Infinity provides optional web viewing capabilities so medical images can be accessed over the network from any PC.

Infinity includes many preconfigured settings for common applications so users can begin utilizing the system quickly. While Infinity's default configuration can be up and running within minutes, it is also highly customizable with a rich set of features including DICOM store, DICOM print, query/retrieve, storage commit, on-the-fly image compression, workstation access control and temporary/permanent storage of images. Whether you are large institution looking for supplemental storage or a small facility transitioning to digital imaging, Infinity is the right choice.

There is an Infinity model to suit every need and budget.
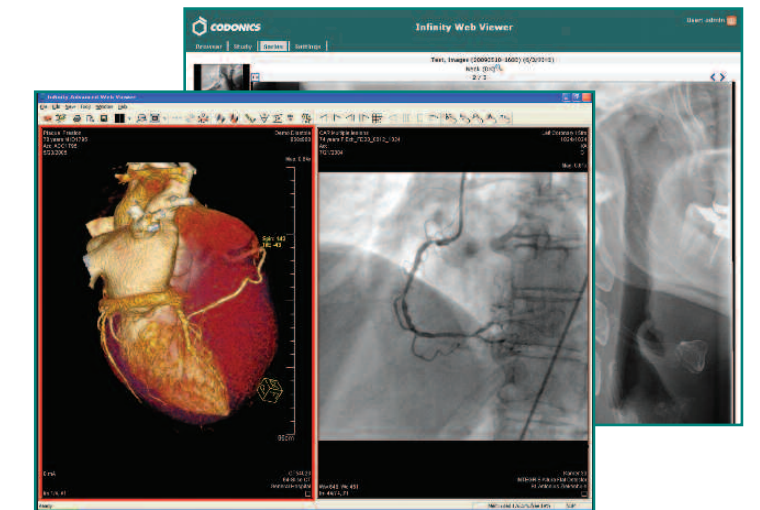
Infinity features an optional Web Viewer for quick JPEG viewing and optional DICOM Viewer for detailed images.

Infinity's ultra-compact design makes siting easy.

Features/Benefits

- Low-cost solution for storage of DICOM images and reports
- Automatic image management removes older studies tagged for temporary storage, which continually provides required storage for newer studies.
- Web, email and RSS feeds enable real-time status of notifications to IT staff for server maintenance
- Visual and audible alarms for notifications to IT and medical staff for hard drives, cooling fans, power supplies, over-temperature, storage capacity and UPS
- DICOM Study Manager user interface and Advanced Web Viewer provides Multiplanar Reconstruction (MPR), Maximum Intensity Projection (MIP), Fusion and Image Subtraction
- Compatible with existing DICOM viewers and PACS workstations
- Easy set up for non-technical users
- RAID5 and a powerful Oracle® database for safe, reliable data storage
- Storage configurations from 3 TBs* to 8 TBs*
- Remote network-based image viewing from a web browser**

* Usable storage is 2.7 TB for Infinity C and 7.7 TB for Infinity LX.
** Optional feature.

This model/configuration of Infinity C is not available for purchase in the European Union.

Record.

CD, DVD

Virtua® Medical Disc Publisher

The most advanced solution for recording patient studies and reports onto disc. Codonics Virtua line of Medical Disc Publishers provide the fastest, easiest way to record and label multiple medical studies and reports to CD or DVD. Discs are recorded, labeled and ready to leave with the patient without workflow interruption. This innovative, DICOM-compliant network device offers several models to address every need and budget. To keep pace with multi-modality environments or high volume imaging applications, Virtua XR records up to 62 CDs or 34 DVDs an hour* while Virtua C and Virtua E offer a full feature set in an ultra-compact and economic design.

Virtua features an advanced processor for receiving and managing studies, a robotic disc recorder and printer, and a user-friendly touch screen interface.** The built-in printer produces brilliant, full-color disc labels that include patient demographics and the facility's address and logo for marketing. Customers can create their own custom labels or use Codonics disc label design service.

*Based on a typical clinical study and network configuration.
**Virtua C is accessed from any PC on your network.

Codonics full color
CD and DVD

Black and white text
or hand-written discs

Virtua is ideal for easy, inexpensive distribution of the entire patient study and report on disc.

Intuitive touch screen turns novices into experts in minutes.

Features/Benefits

- Automatically records patient studies and reports without tying up your workstation or employee resources
- On-demand disc creation and labeling directly from modality workstations with complete anonymization of the patient data
- Smart multi-tasking enables reception to both drives for recording and labeling of different discs simultaneously
- Conveniently view studies using DICOM viewers, specialized viewers and custom OEM viewers***
- DICOM Structured Reports (DSRs) are received and matched to a patient's study allowing the recording of the report and study on the same disc***
- Scheduled Archive automatically records all studies to disc for backup/ disaster recovery, recording a complete history of all archive activities on each disc***
- The Smart Drive holds Virtua's configuration settings and is the basis for our acclaimed Sunrise Express "Swap" Warranty which ships a replacement the same day when your call is received by 3 p.m. Factory warranty up to five years.
- Full medical device compliance including Class 1 FDA and MDD CE, GMP/QSR, ISO13485: 2003, 60601-1 Safety, EMC/EMI (55011(B) and 60601-1-2) for Healthcare Facilities

***Optional features. Not all features available on all models.

This model/configuration of Virtua is not available for purchase or use in the United States.
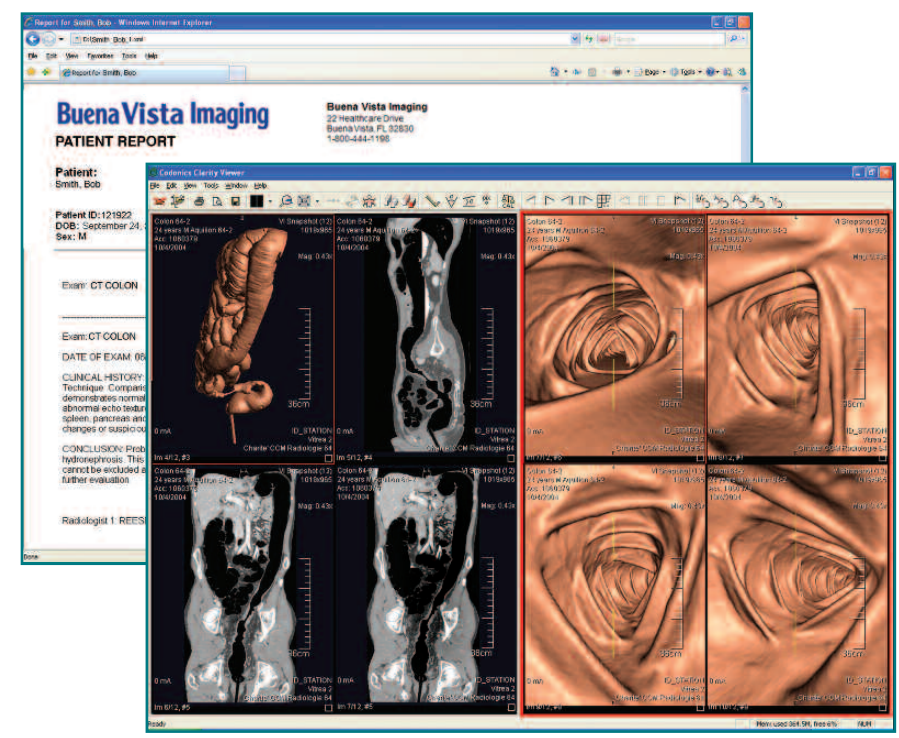
View.

Clarity® Viewer

See your vital medical images more clearly. Codonics Clarity Viewer features easy to use image navigation and selection, an intuitive user interface, quick viewer launch and rapid image loading.

Features/Benefits

- Viewing DICOM images includes full screen, fixed and customizable mosaic modes for standard and flexible display of patient studies
- DICOM secondary capture display of workstation analysis results including 3D CT/MRI, SPECT Cardiac, and Ultrasound permits intuitive review
- HL7 and DICOM Structured Reports can be viewed with the matching patient study simplifying physician and patient review of results
- Comparison study review (pre and post treatment) provides comparison of current and prior studies
- Windows® printing, preview and setup via icon-based interface permits local office printing of reports and images
- Slice/Frame order, synchronization/registration, cine and pan for flexible management of large data sets

Codonics Clarity Viewer is an easy-to-use viewer that supports both image and report viewing.

Clarity® 3D/Fusion Viewer

Provide referring and consult physicians with a full-featured 3D, MPR and fusion viewer. Codonics Clarity 3D/Fusion Viewer is extremely useful for viewing any diagnostic imaging result. It is a comprehensive function/anatomic fusion viewer based on pre-matched slices of PET/CT, MR/PET, or SPECT/CT that is simple to use for single or comparison study reviews. All basic features of the Codonics Clarity Viewer are also included.

Features/Benefits

- Orthogonal reconstruction (MPR) from transverse CT or MR data slices permits physicians to reprocess areas of interest as required
- 3D functional MIP with/without anatomical CT/MR fusion allows referring and consulting physician freedom to interact with study results
- Fusion blending with multiple viewing layouts puts control of secondary evaluation in the physicians' hands
- Measurements, ROI (region of interest) and SUV (standardized uptake values) provide additional analysis and confirmation by reviewing physicians
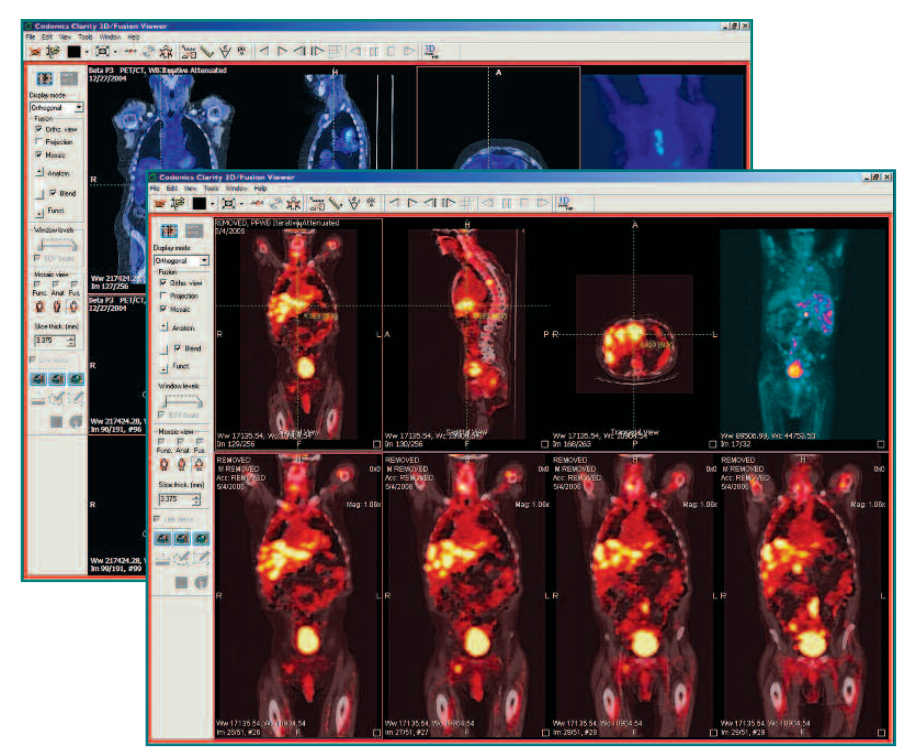
Codonics 3D/Fusion Viewer is a must-have for advanced multi-slice viewing.
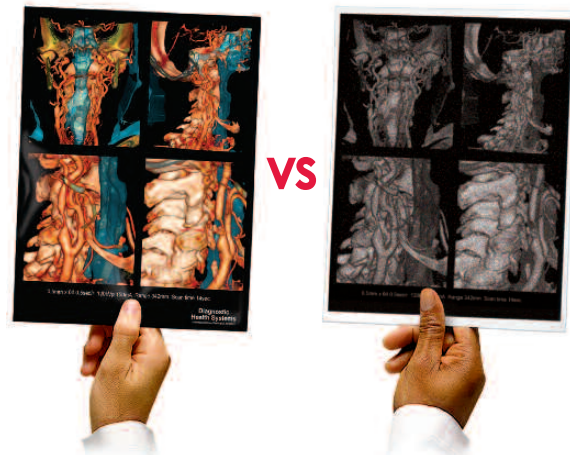
Codonics Virtua ECO line, like all Virtua models, allows you to include the industry's leading viewers to satisfy referring physician preferences

(Not available for purchase or use in the United States)
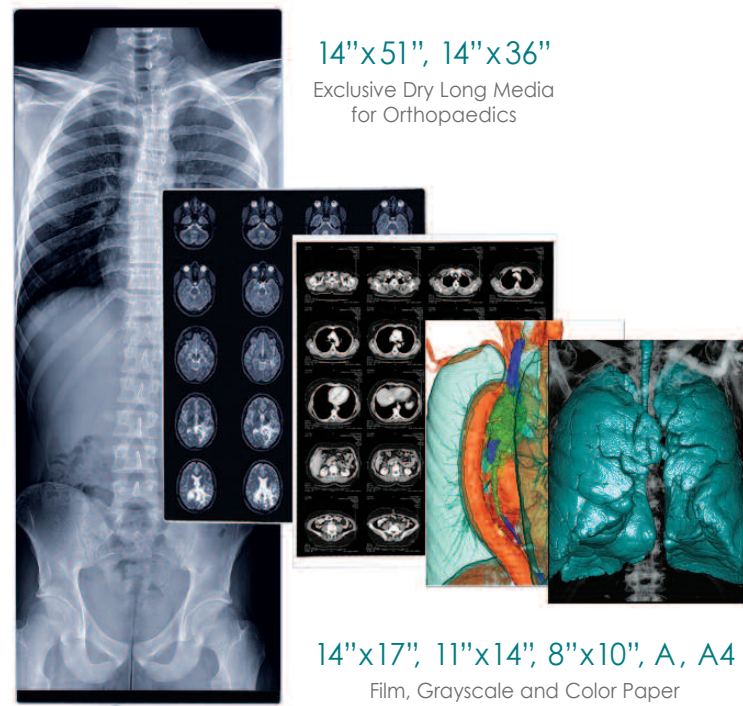
14"x 51", 14"x 36"
Exclusive Dry Long Media
for Orthopaedics

14"x 17", 11"x 14", 8"x 10", A, A4
Film, Grayscale and Color Paper

Print.

Horizon® Multi-media Imager

Film, color and paper in one compact design – a combination that makes Horizon the last imager you'll ever need. The Horizon Multi-media Imager offers more versatility than any other imager, by simultaneously printing diagnostic quality film, color paper, and grayscale paper in one cost-effective, high performance device.

Horizon's multi-media alternatives allow you to show off the stunning output from any modality using diagnostic prints that enable you to market your advanced imaging equipment. Horizon is easy to use, requiring no operator intervention to go from film to color to grayscale printing. For CR/DR applications, our Horizon XL model prints digitally stitched images on one continuous film with "true-size" imaging up to 51" in length. Codonics film is daylight safe, easy to handle, and eliminates wet film processing.

Outstanding value meets unmatched quality. Codonics Horizon Value Line, with models for one, two or three input trays, offers a more affordable way to print superior diagnostic quality film and grayscale paper.

VS

Codonics edge-to-edge archivable color photographic print

Dull paper print prone to fading and damage

Horizon prints on several sizes of diagnostic film, grayscale paper and color paper – simultaneously, without operator intervention, all while sitting on a desktop.

Features/Benefits

- Horizon's all-in-one patented technology provides maximum versatility and cost savings
- Color paper shows off advanced post-processing applications and helps attract referral business
- Convenient, high quality, low-cost grayscale paper is room-light viewable, and perfect for patient files and referral copy with 20-year archivability
- Dry long film is ideal for scoliosis, long bone studies, and pediatric and adult spines
- Horizon offers the fastest time-to-first-print in its class, printing up to 100 films an hour and holding up to 300 sheets of film
- The Smart Card holds Horizon's configuration settings and is the basis for our revolutionary Sunrise Express "Swap" Warranty, a commitment that you're up and running within 24 hours of a service call
- Desktop size is perfect for tight spaces
- Horizon's size and rugged design make it ideally suited for mobile applications. Ask about our custom mobile cabinets and mounting kits
- Exclusive custom job settings allow contrast and resolution to be uniquely set for each modality
- Validated with all major OEMs, PACS and workstations for seamless connectivity
- Models available to suit every need and budget

Create a marketing edge while communicating with referring physicians

Raise the bar with tools that give you the edge to build your referral business. Whether you need diagnostic film, grayscale paper, color paper, CD or DVD, Codonics provides multi-media choices that can help cut costs and increase the marketing of your imaging department. Generate stunning prints and custom disc labels that will promote your services, impress patients, referring physicians and specialists. Whether you are part of a university hospital or private imaging center, Codonics products can save you money, improve your workflow and separate you from your competition.

Codonics offers a disc design service exclusively for our customers that creates full color corporate disc labels to market your practice. Let us help you create the look that will give you a marketing edge.