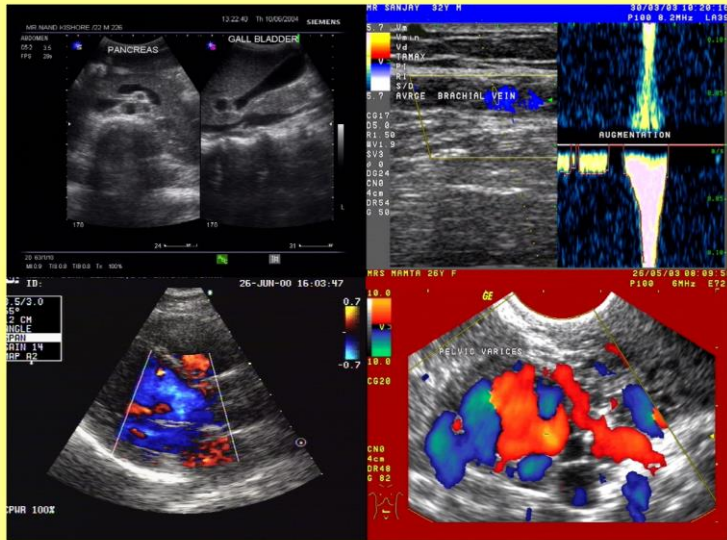


# Sono-Imager-D®

## Product Introduction



**BusySoft™**  
We make software that works as per you!

Requires Microsoft Windows XP/2000/Me/98Se

**Sono-Imager**  
Comprehensive software for imaging and reporting

**IT**  
is for Health Care Industry

Image management software and  
converting images to DICOM

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## **Busysoft Systems Private Limited**

**Smarter Healthcare software solutions**

**Knowledge | Experience | Commitment | Results**

Cloud Web | Windows Desktop | Mobile

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**Phones:** +91- 011-49039444, 40073845, 40073846, 42474810

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# **Sono-Imager-D**<sup>®</sup>

## **Product Introduction**

November 2021

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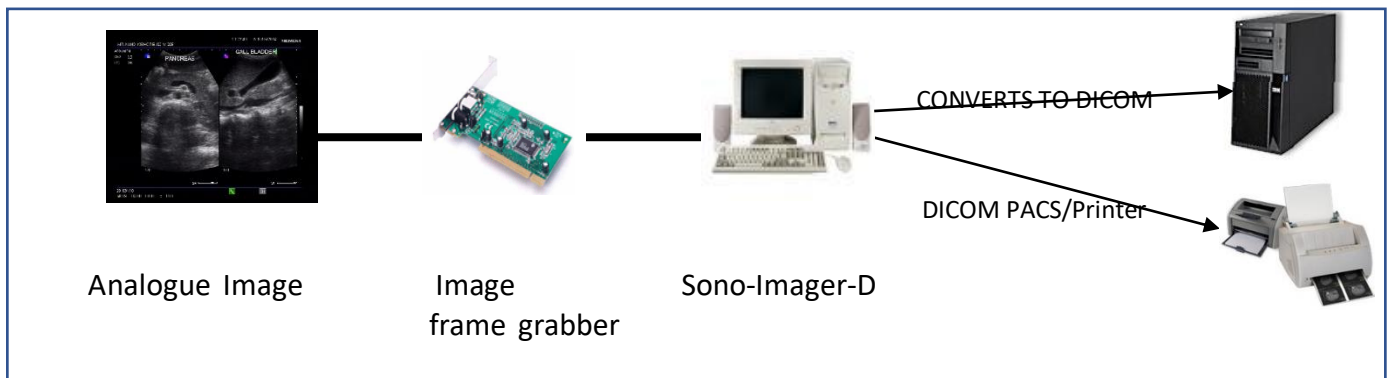
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# Introduction- Sono-Imager-D with DICOM

The Sono-Imager-D software with DICOM is an integrated software for converting analogue images into DICOM 3.0 compatible format. The software can be used with any image modality which has an analogue output. The modalities could be ultrasound machines, Echo CD, C arms, Endoscopes etc. The Sono-Imager software can capture stills and video images. The software sends only still images on the DICOM PACS. The Sono-Imager-D functionality involves three step procedure.

1. The images are captured in JPEG, BMP format from non DICOM modality.
2. These images are converted into DICOM compatible format and can be viewed on DICOM viewer.
3. The images are sent to a DICOM PACS or a DICOM Printer.



The images can be sent to DICOM PACS of hospital or clinical diagnostic centres. These images from the DICOM workstation or server can be used for writing DICOM CD's, viewing, printing, teleradiology. The advantages which are provided by the DICOM environment are then can achieved. The Sono-Imager-D software has been successfully tested on several DICOM PACS and printers provided by vendors.

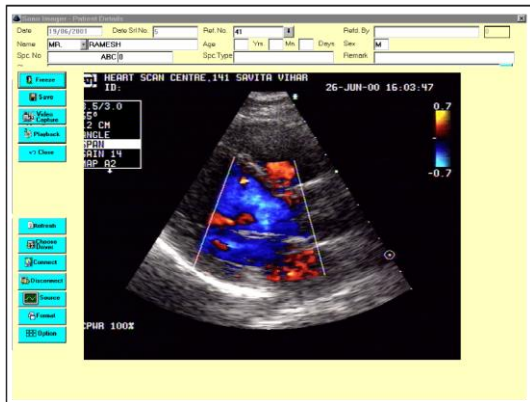
# Sono-Imager-D<sup>®</sup>

## Capture Analogue Images and convert them into DICOM

Acquire images from Ultrasound, Echocardiography, Colour Doppler X-ray, and other imaging equipment

### Acquire images

- View images simultaneously on PC Monitor
- Acquire Images with single mouse click, keypad
- Acquire and store Video images and playback whenever required
- Acquire as many images as you want and reselect later on for patient reports
- Voice Intimation on Images captured

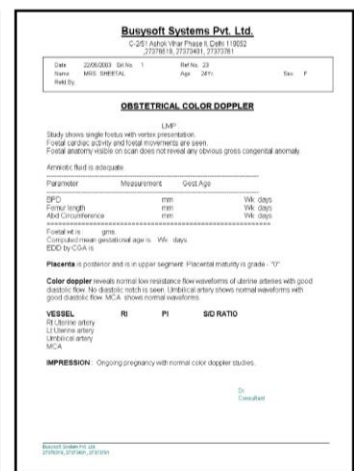
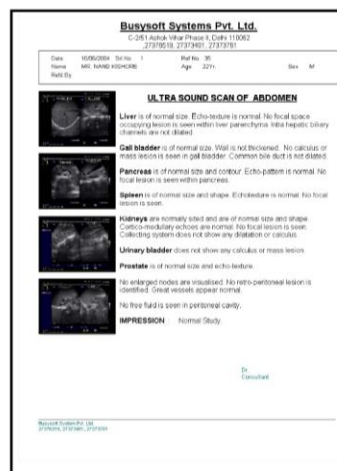
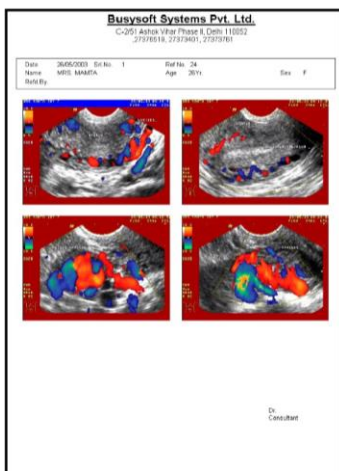


### Archive-Convert to DICOM & send to PACS

- Conversion of one or many images into DICOM
- View and do image manipulation
- Select DICOM server and send the images

### High quality image printing DICOM or windows

- Print in colour or b/w using any desk jet, laser printer, DICOM printer
- No Need of expensive colour thermal printer
- Print only area of interest thus saving ink cost
- Print patient images in format of your choice



# Image Management

- Image Preview
- Edit Image Hue, Saturation, Contrast, Brightness
- View and save the image in a different format.
- Write text, draw line, marker at any place on image.
- Compare patient images
- Set Image size & Resolution
- Video capturing
- Convert video into mpeg and record into CD Writer.
- Change Image Colour or Chrome any area of interest
- Print only area of interest
- Mark and write on image using your own handwriting

# Patient management & Reporting

- Search patient data by ID, name and classification
- Search patient on the basis of report
- Type and edit patient reports
- Keep pre-set reports
- Print reports on plain or pre-printed stationery
- Sound records the report for listening later on for typing report

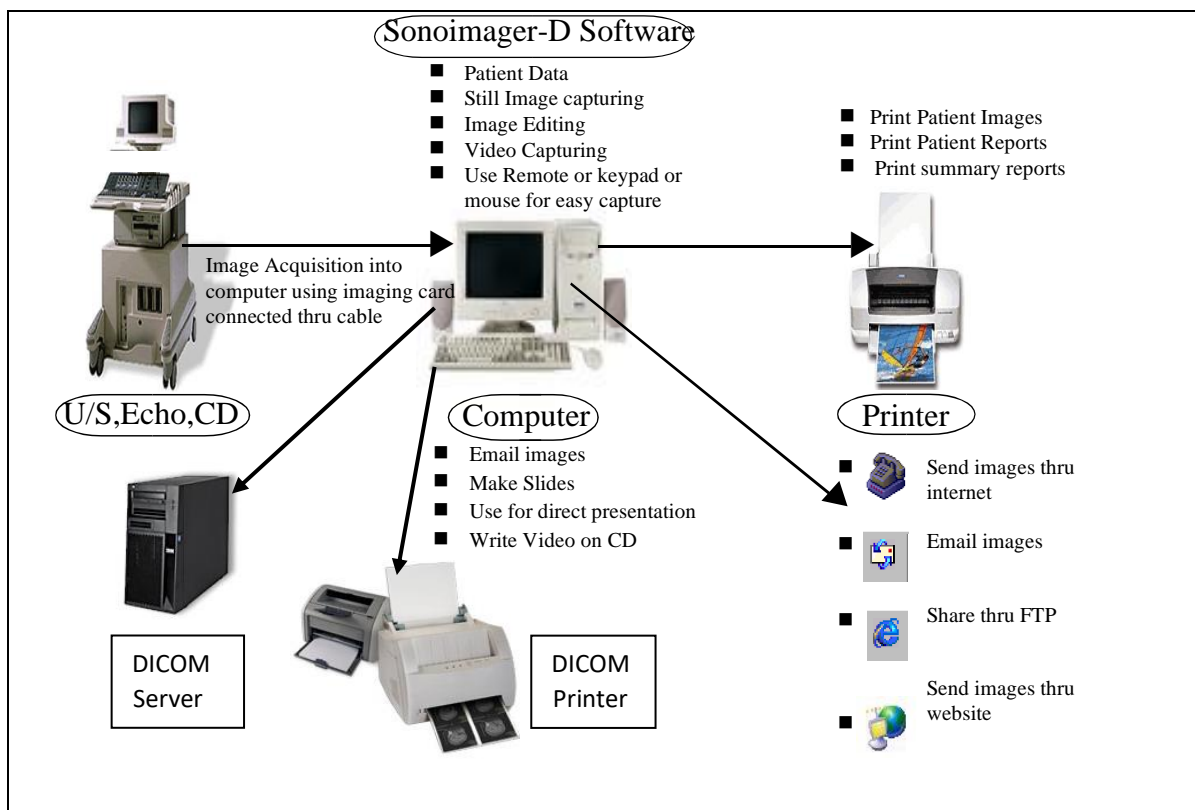
# Use Images for various purposes

- Email image
- Use images for presentation into other applications such as Microsoft PowerPoint, Photoshop and web
- Any Other Graphic Software

# Software Installation and Support

- Online installation, training and warranty
- Stable and User friendly
- Professional Support
- Manuals

# Computer Interface



## Product Contents

- Software on CD
- Program manual.
- Hardware lock to be installed at USB port of the computer.
- Training program (Please refer quotation)
- One year warranty with free updates (Please refer quotation)
- Remote control or extra keypad for image capturing

## Hardware and Software Requirements

### **Computer**

- i3/i5/i7, or higher CPU
- 4 GB RAM or more
- DVD ROM
- 500 GB Hard Disk or more
- 15" Colour Monitor
- One empty PCI slot for image grabbing card or external USB Port
- Sound card with Game port and speakers

### **Printer**

- Inkjet, desk jet or laser colour printer with 720 dpi or more resolution.  
(Low resolution inkjet printers will also work but may not print good quality images)

### **Operating System**

- Microsoft Windows 7/8/10/11

# Sono-Imager-D Quotation

Sr.	Particulars	Charges	GST 18%	Total
1.	<b>Sono-Imager-D Software</b> The above price includes ■ Sono-Imager-D Software (On CD) ■ Manuals ■ Onsite Installation and training (Please refer Notes) ■ One year warranty and support (Please refer Notes)	35,000  US \$ 500	6,300  US \$ 0	41,300  US \$ 500
2.	<b>Dicom module</b> ■ DICOM convert ■ DICOM Print ■ DICOM send	50,000	9,000	59,000
3.	<b>Special frame grabbers</b> Special frame grabbers	On order or purchase locally	On order	On order

## Notes:

- Please purchase locally
  - Operating System Compatible Image capture card (PCI) PAL 720x576 Pixels and NTSC 720x480 DVD Quality)
  - Composite video or S-video capture Cables.
- GST 18% as applicable extra, for exporting outside India (Apart from Nepal and Bhutan) where the remittance is in US\$, no GST is applicable.
- The Manuals of the program are provided with the software in softcopy.
- The required computer configuration may change from time to time. Please contact us for latest required configuration.
- Payment terms - 100% advance with the order.
- All payments should be made by RTGS/NEFT/SWIFT in favour of "**BUSYSOFT SYSTEMS PRIVATE LIMITED**" on our Bank.
- A minimum period of 7 days is required for sending the program package outside Delhi.
- The professional charges for installation and training program are included in the quotation for the duration as per quotation. Additional training program or support is charged on per day basis depending upon the customer location.
- The Expenses for onsite installation, training and support will be paid by customer. It includes all expenses:
  - To and from travel expenses to customer location including air, train, bus, car or any other mode of travel.
  - comfortable Hotel stays
  - local conveyance
  - Daily meals
- \*User means:** Number of computers on which software is installed and can be run simultaneously under a Local Area Network (LAN)
- The charges for additional Users are @ Rs. 4,500/-- per user. These users are concurrent users working on the program.



## Contact

**Kamal Kant Gupta (+91-9810043964)**

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**Web:** [www.busysoftsystems.com](http://www.busysoftsystems.com)

Busysoft Systems Pvt. Ltd. will supply Sono-Imager-D software. All the other software and hardware should be taken locally for better hardware and software support.

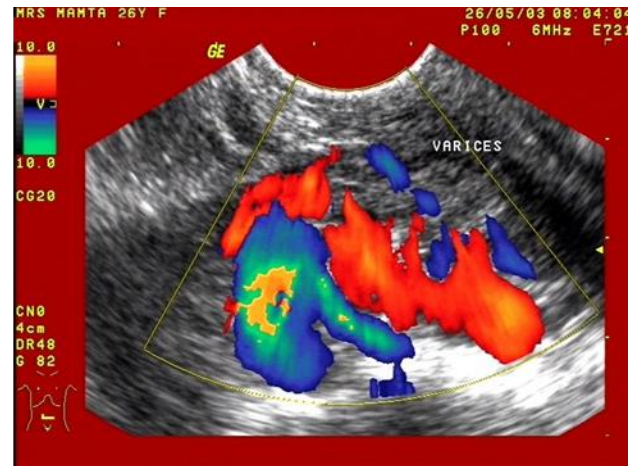
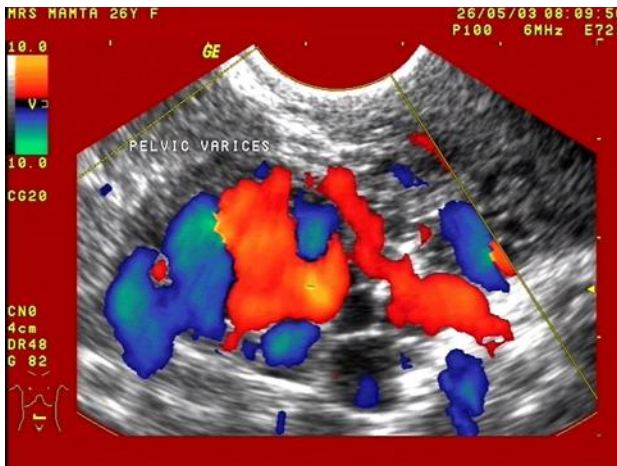
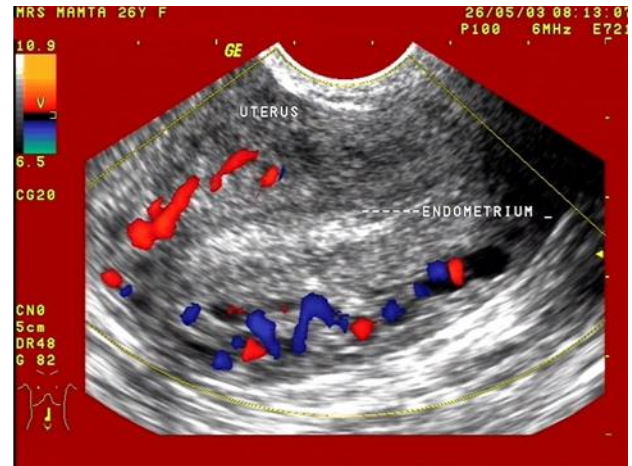
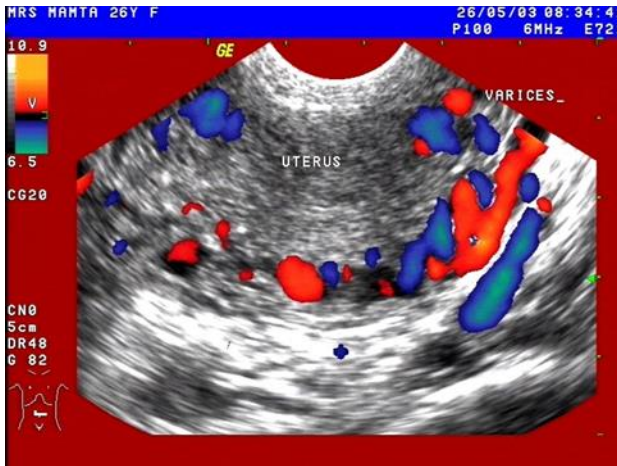
# Report Formats (For presentation purpose only)

## Busysoft Systems Pvt. Ltd.

C-2/51 Ashok Vihar Phase II, Delhi 110052 India

+91-011-40073845, 40073846, 49039444

Date	26/05/2003	Srl. No.	1	Ref No.	24
Name	MRS. MAMTA				
Refd.By.	Age 26 Yr. Sex				



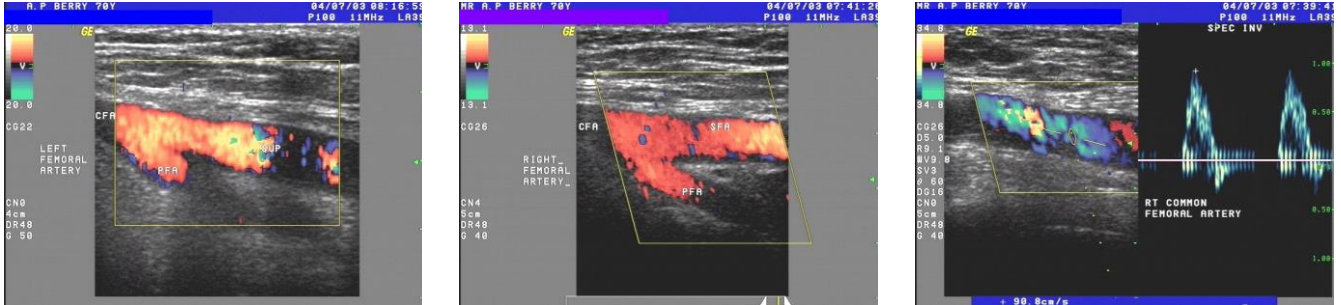
Dr.

Consultant Ultrasonologist

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Date	04/07/2003	Srl. No.	2	Ref No.	86	Sex	M
Name	MR. A P BERRY			Age	70Yr.		
Refd. By.							



## PERIPHERAL VASCULAR COLOR DOPPLER

Study done for lower limb vessels. Lower limb arteries from abdominal aorta to dorsalis pedis and accompanying veins were examined.

Study reveals normal diameter and lumen of arteries. No plaque or intimal thickening or stenosis of vessels was identified. Flow waveforms are triphasic and are normal. There is normal flow in vessels and no abnormal aliasing was seen. Flow velocities and PI values are normal.

Accompanying veins show normal thin regular walls. Lumen is echo free. No abnormal echogenicity is seen within the vessels. Veins show normal plasticity and flow variations with respiration. Flow augmentation is seen with compression of upstream muscles. No incompetent perforators are identified. Superficial veins do not show any dilatation. Saphenofemoral junction is competent.

Peak systolic velocity of Abd aorta is and values of some other vessels are as under:

VESSEL RT (PSV- cm/s PI) LT (PSV- cm/s PI)

Common Iliac A

External Iliac A

Common Femoral A

Sup. Femoral A

Popliteal A

Post Tibial A Ant Tibial A

**IMPRESSION:** Normal Study.

Dr.

Consultant Echocardiologist

# Busysoft Systems Pvt. Ltd.

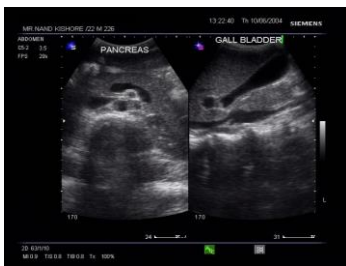
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+91-011-40073845, 40073846, 49039444

Date	10/06/2004	Srl. No.	1	Ref No.	35	Sex	M
Name	MR. NAND KISHORE			Age	22Yr.		
Refd. By.							



## ULTRA SOUND SCAN OF ABDOMEN

**Liver** is of normal size. Echo-texture is normal. No focal space occupying lesion is seen within liver parenchyma. Intra hepatic biliary channels are not dilated.



**Gall bladder** is of normal size. Wall is not thickened. No calculus or mass lesion is seen in gall bladder. Common bile duct is not dilated.

**Pancreas** is of normal size and contour. Echo-pattern is normal. No focal lesion is seen within pancreas.



**Spleen** is of normal size and shape. Echotexture is normal. No focal lesion is seen.

**Kidneys** are normally sited and are of normal size and shape. Cortico-medullary echoes are normal. No focal lesion is seen. Collecting system does not show any dilatation or calculus.

**Urinary bladder** does not show any calculus or mass lesion.



**Prostate** is of normal size and echo-texture.

No enlarged nodes are visualised. No retro-peritoneal lesion is identified.

Great vessels appear normal. No free fluid is seen in peritoneal cavity.

**IMPRESSION:** Normal Study.

Dr.

Consultant Ultrasonologist

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Date	22/05/2003	Srl.No.	1	Ref No.	23		
Name	MRS. SHEETAL	Age	24Yr.	Sex	F		
Refd.By.							

## OBSTETRICAL COLOR DOPPLER

LMP:

Study shows single foetus with vertex presentation.

Foetal cardiac activity and foetal movements are seen.

Foetal anatomy visible on scan does not reveal any obvious gross congenital anomaly.

Amniotic fluid is adequate.

Parameter	Measurement	Gest Age
BPD	mm	Wk days
Femur length	mm	Wk days
Abd Circumference	mm	Wk days

=====  
Foetal wt. is:           gms.

Computed mean gestational age is   Wk   days.

EDD by CGA is

**Placenta** is posterior and is in upper segment. Placental maturity is grade - "0".

**Color doppler** reveals normal low resistance flow waveforms of uterine arteries with good diastolic flow. No diastolic notch is seen. Umbilical artery shows normal waveforms with good diastolic flow.

MCA shows normal waveforms

VESSELRI	PI	S/D RATIO
----------	----	-----------

Rt Uterine artery

Lt Uterine artery

Umbilical artery MCA

**IMPRESSION:** Ongoing pregnancy with normal colour doppler studies.

Dr.

Consultant Ultrasonologist

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