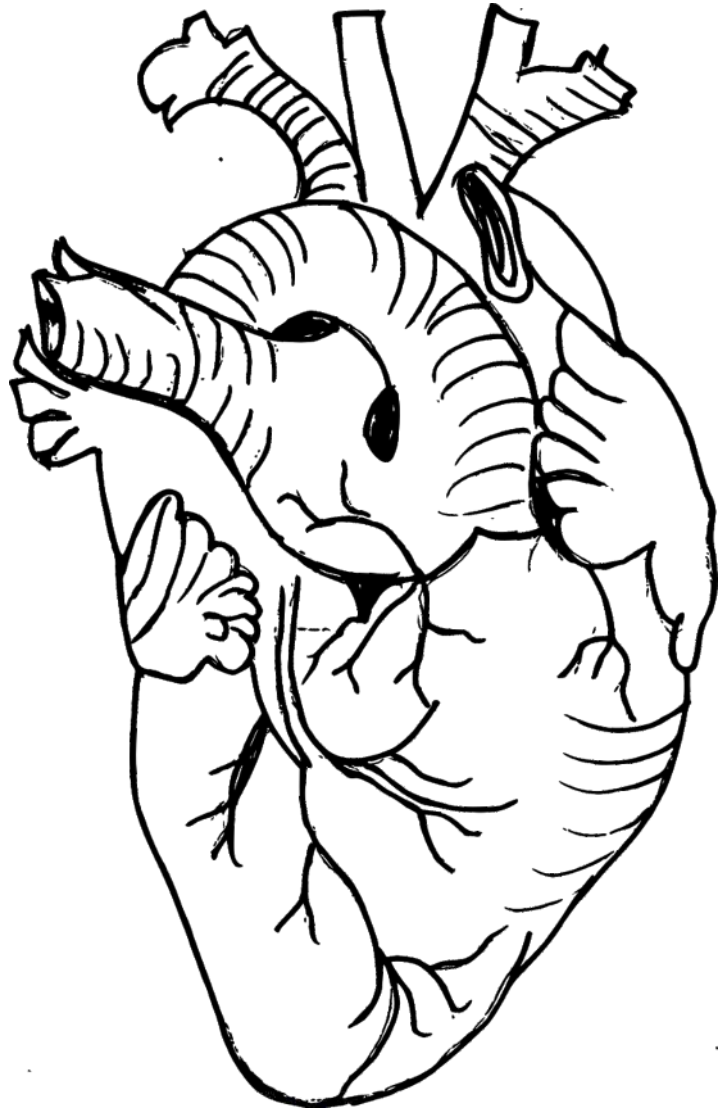


# EXCURSION

OF VASCULAR INTERVENTION

Vol. 1  
Issue May ,2019



An quarterly articulated piece of Extreme Intervention  
compiled by **MULTIMEDICS**

## From the Desk of CEO



Dear Friends,

Welcome to the first edition of extreme intervention, the concept behind publishing extreme intervention is to be acutance of day to day clinical practice of your assured and renowned colleagues

In order to alleviate human suffering in CAD, vascular intervention is experiencing best concepts in medical science and technology, At multimedics we trying an best to serve human species with clinically Proven Products.

This copy of extreme intervention is a sketch with an objective to acquire scientific information to share same story of your colleagues and our achievements in CAD patients which is not possible with continues support and trust expensed on us by industry.

The concepts also includes - latest in vascular intervention, latest treatment mode, and extreme cases done by your colleagues by using our Products

We hope it will be a source of information to anyone who wishes to know more about the vascular intervention & Current scenario

Extreme intervention is also available online as downloadable pdf version from our website: [multimedicsll.com](http://multimedicsll.com)

Do send your constructive feedback at [info@multimedicsll.com](mailto:info@multimedicsll.com)

Thank you

Mr Naresh Jain

CEO

[info@multimedicsll.com](mailto:info@multimedicsll.com)

## Multimedics Excursion



Multimedics is a multinational firm with a base in interventional cardiology and cardiac care dedicated to innovation & commitment for quality care

In a short span of 10 years we had strengthened our leadership in all across geographies and fortified our promise of 'Device for life'

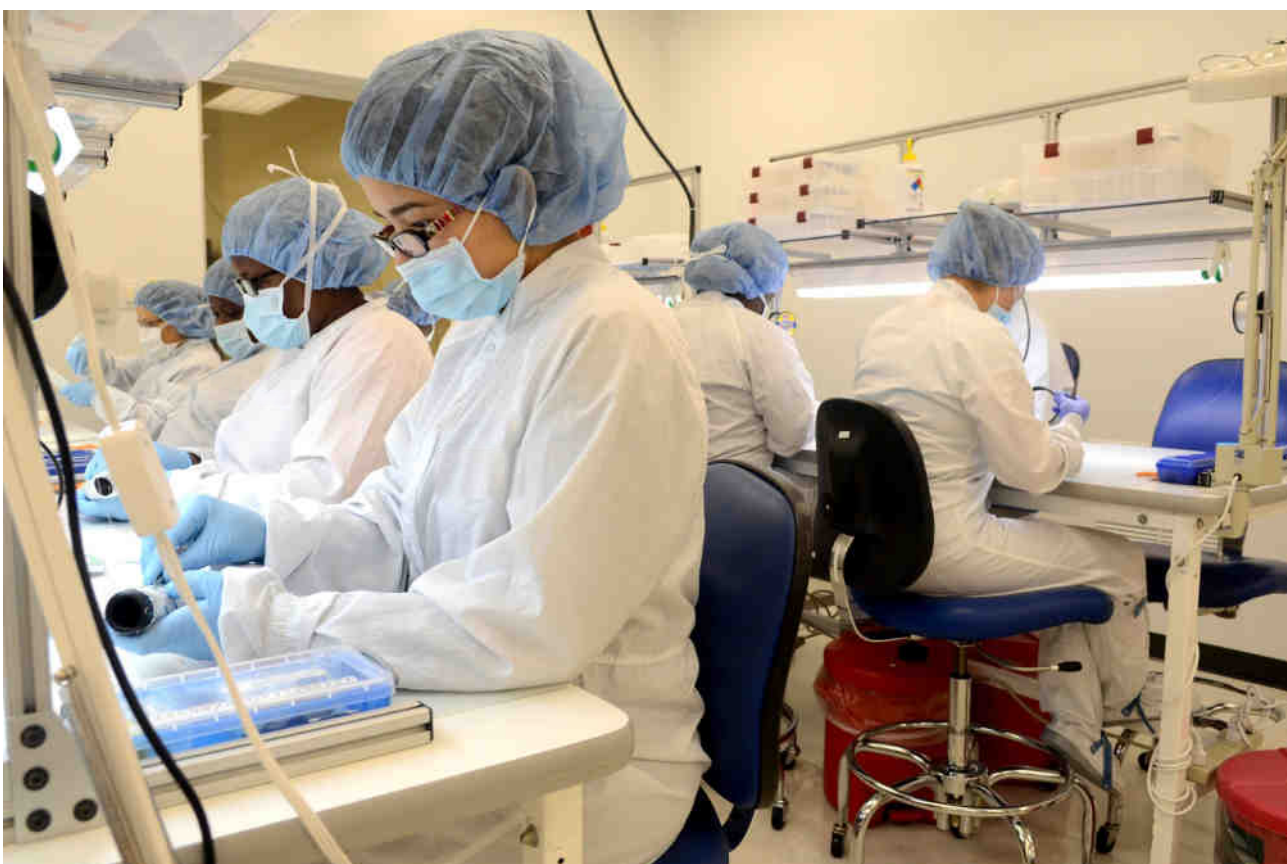
Youngest Indian company to spread their wings and consolidated presence with distribution network in 23 countries, Since 2009

Multimedics has a fully integrated, state of the art manufacturing facility, which strictly adheres to cGMP guidelines & stringent ISO 13485 - 2016 quality standards.

We are the first Indian company to receive CE certificate from most repute & one of the oldest CE Notifying agency DNV, for our DES.

Our DES has strong evidence of real world clinical trial performed in Europe and Indian continents

Multimedics was one of the first company to introduce lowest Strut thickness of 59 um with hybrid stent design to meet Uncomparable flexibility & Deliverability



# Industry Compliments

**DR YEOH JOON KUAN**  
**DIRECTOR & CONSULTANT CARDIOLOGIST**  
 I-Heart Centre  
 Island Hospital  
 Penang Malaysia



LONG 48 mm M-sure Sirolimus Eluting Stent(SES) – single centre single operator  
 5 year experience

Since the advent of Drug Eluting Stents, the 3 most important characteristics I consider when selecting a device for implantation are:

1. Biodegradable polymer coating
2. Limus based drug
3. Thin strut platform

A thin strut platform allows for optimum deliverability & likely better long term outcome. So when the M-sure SES was made available in Malaysia from 2014, I felt that this device fulfilled my requirements. Since then till April 2019, over 1000 M-sure stents have been implanted and my experience with it so far has been excellent.

Year	No. of stents
2014	74
2015	154
2016	212
2017	224
2018	254
2019(till April)	84
<b>Total</b>	<b>1002</b>

Of these, 71 long 48 mm devices were implanted in 69 patients. All procedures were successful with no in hospital adverse events occurring. Due to the diffuse nature of atherosclerotic disease, it is envisaged that longer devices would be required. I would like to share my experience using such long stents.

Most cases were performed via the transradial route with standard 6Fr guiders(64 cases). In 5 cases, 5Fr guiders were used, mostly due to small radial artery size; there was no additional difficulty in stent deployment. Only in 5 cases was a switch to a backup AL1 guider needed, all for RCA implantation. Single standard floppy guidewires were used in most cases. Extra support was obtained in 4 cases by an additional floppy wire and 3 cases by a extra support Powerturn Flex wire.

Patient Characteristics (Total 69)	
Male	54 (79%)
Age	38-82 (mean 60.2)
<b>Vessels</b>	
LAD	30
RCA	38
Circumflex	2
Ramus	1
<b>Stent Diameter</b>	
2.5	27 (38%)
2.75	11 (16%)
3	20 (28%)
3.5	13 (18%)
Final Inflation Pressure	12-26 (mean 19.6) atm
High Pressure Post Dilatation	52/71 (73.3%)

In summary, 5 year experience with M-sure DES has been excellent, including long 48mm stent. I look forward to further improvements on an already outstanding stent and will continue to support its usage.

**Congratulations to the Company on this excellent product!**

## Industry Compliments

**Dr T.R. Raghu MD, DM**  
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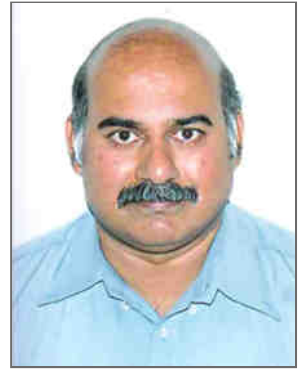


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Dear Colleagues and Industry friends,

I am glad to share my experience with Multimedics in this very first volume of its quarterly magazine.

I have been using this product since 2012 and M'sure – S, I have found as one of the most deliverable product. Hybrid stent design with low strut thickness has really worked well. My centre was one of the investigation site for their PRISM series of clinical trials and I have monitor the results very closely.




In very short span Multimedics management could take this product globally and I was part of their launch meet in Vietnam and Philippines, where I also performed some live case in workshop where we did some real world cases. This expansion probably could happen only due to unique product features, and products length available up to 48 mm that time. Nowadays few companies has long lengths available.

Multimedics as team having one of the best people I have ever meet and they really care for quality products service for human race.

Recently Multimedics has launched their Next Generation DES Eliminator with Evrolimus Drug, it is on same platform but they still need establish industry's confident on safety and efficacy of that product. Their Pre Dilation and Post Dilatation balloons (SC & NC) also still has to undergo a litmus test.

But M'Sure-S as Multimedics's flagship brand has passed through all high degree safety and efficacy parameters in my experience in last 8 years.

I wish all the best to Multimedics and their team for their journey here onwards!

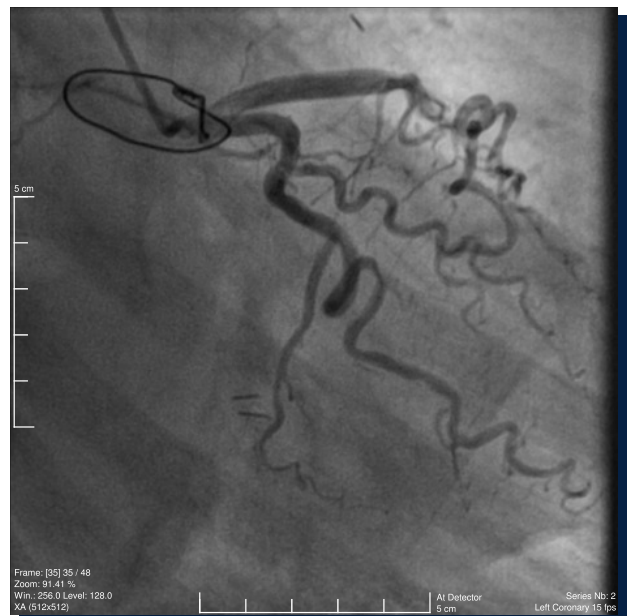
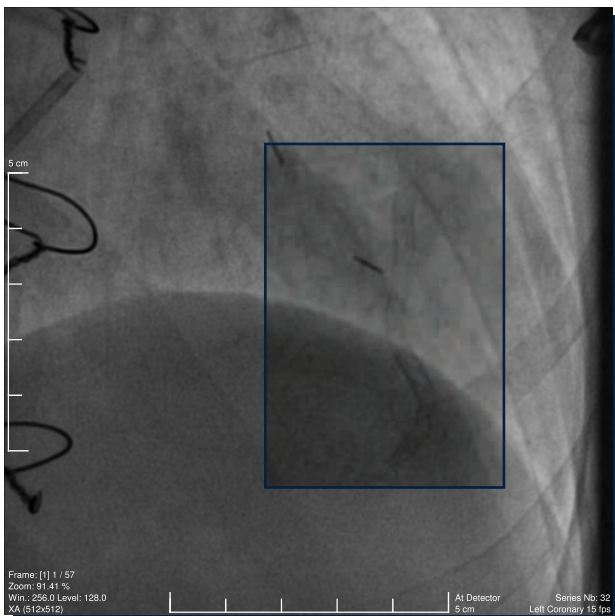
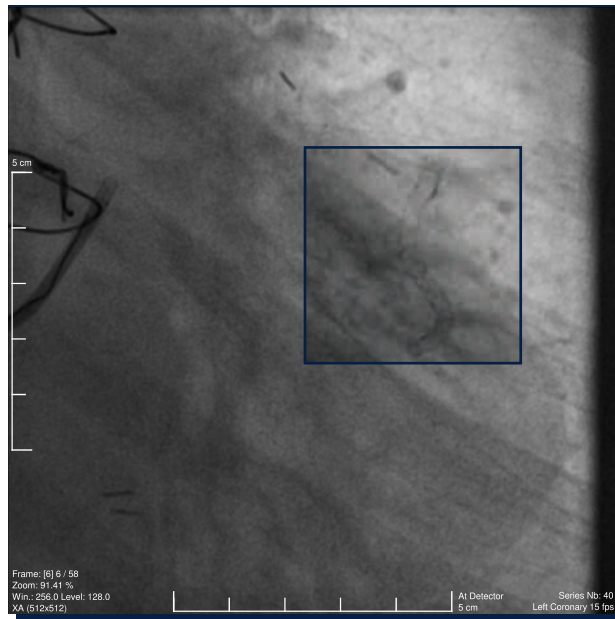
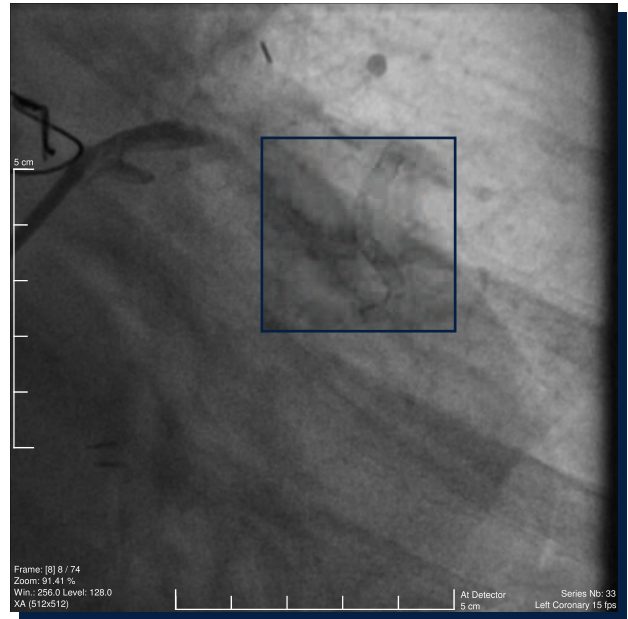


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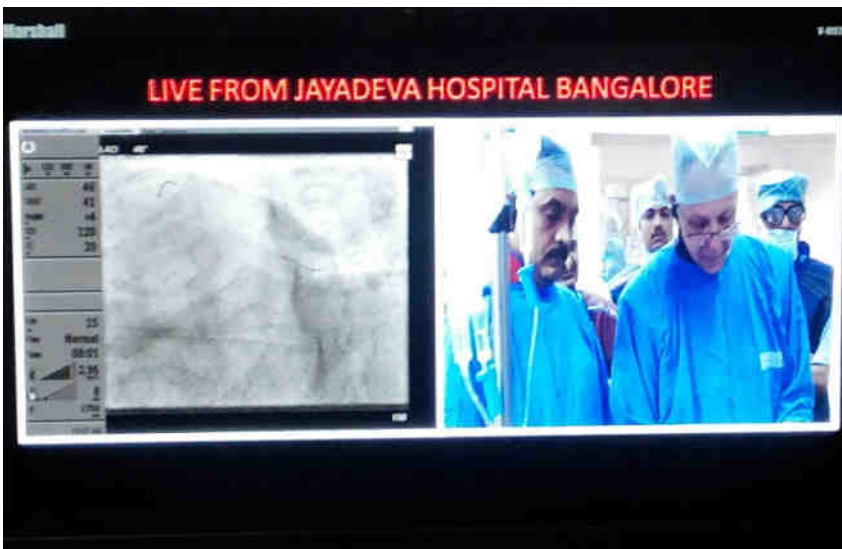
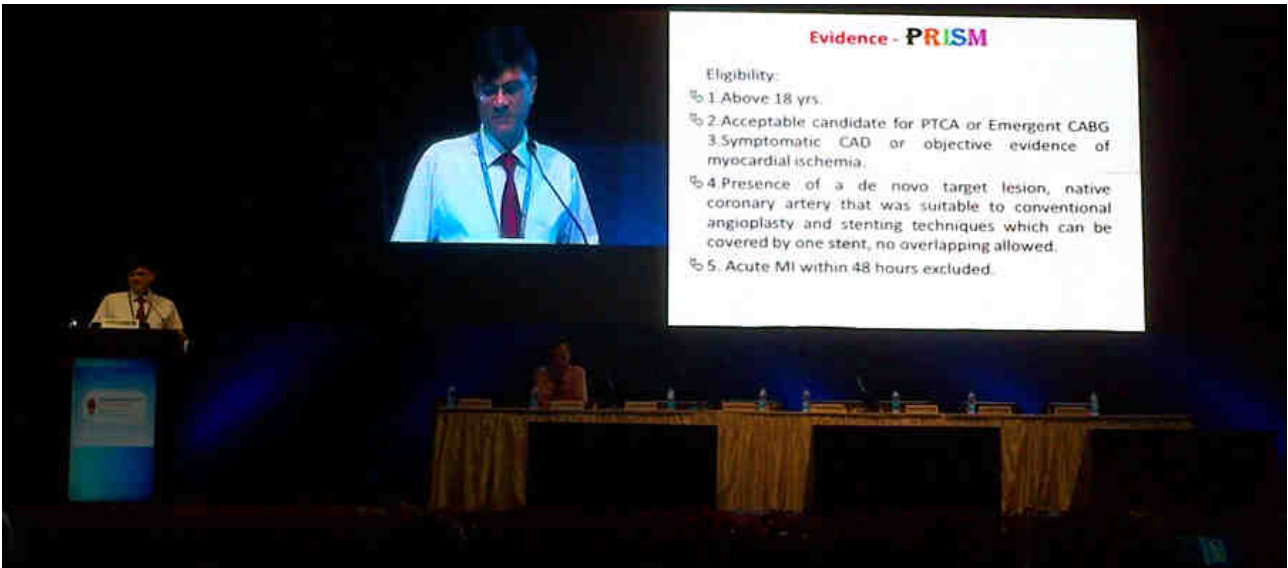
# EXTREME

INTERVENTION with M'Sure-S

Extreme Case Studies  
Vietnam Institute of Cardiology  
Study Id : R201211131714246  
Cardiac



# Accomplishment



# M'Sure-S

Sirolimus Eluting Coronary Stent

Assured by 100,000 Patients & Adding many more

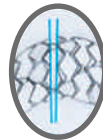


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M'Sure –S uses a validated formulation of low dose Sirolimus ( $1.30\mu\text{g}/\text{mm}^2$ ) timed to elute in ~ 30 days to 45 days from a biodegradable & biocompatible polymer base

(PLLA & PLGA) which degrades simultaneously.

Intelligent Unique Stent Design gives high degree of Flexibility, excellent scaffolding, lesser chances of recoil & foreshortening & High Radial Strength



Low strut thickness of  $59\mu\text{m} + 2\mu\text{m}$  of drug and polymer coating



Time tested Sirolimus Drug and Bio-compatible polymer combination, timed to release in 30-40 days



## Upcoming Cardiac Events

EVENTS	DATE	LOCATION
EuroPCR (PCR)	May 21, 2019 to May 24, 2019	Paris, France
Asian Pacific Society of Cardiology (APSC)	May 22, 2019 to May 26, 2019	Manila, Philippines
New Cardiovascular Horizons (NCVH)	May 29, 2019 to May 31, 2019	New Orleans, La.
Society for Vascular Medicine (SVM)	May 29, 2019 to Jun 01, 2019	McLean, Va.
Euroson (EFSUMB)	May 30, 2019 to Jun 01, 2019	Granada, Spain
18th Canadian Association for Interventional Radiology Annual Meeting (CAIR)	May 30, 2019 to Jun 01, 2019	Toronto, ON, Canada
International Conference on Cardiology and Healthcare	Jun 10, 2019 to Jun 11, 2019	Helsinki, Finland
LINC Mount Sinai — Advanced Therapies For Complex Vascular Disease	Jun 11, 2019 to Jun 12, 2019	New York, N.Y.
Society of Vascular Surgeons (SVS) 2019 Annual Meeting (SVS)	Jun 12, 2019 to Jun 15, 2019	National Harbor, Md.
Structural Heart Summit (TVT, LAA, PFO) (SHS)	Jun 12, 2019 to Jun 15, 2019	Chicago, Ill.
AIMed Radiology - Artificial Intelligence in Medicine (AIMed Radiology)	Jun 18, 2019 to Jun 19, 2019	Chicago, Ill.
Congreso InterAmericano De Cardiology - Sociedad Interamericana de Cardiologia (SIAC)	Jun 19, 2019 to Jun 23, 2019	Dominicana Republic
2019 ASE Scientific Sessions (ASE 2019)	Jun 21, 2019 to Jun 25, 2019	Portland, Ore.
American Society of Echocardiography (ASE)	Jun 21, 2019 to Jun 25, 2019	Portland, Ore.
Heart Failure Up North	Jun 22, 2019 to Jun 23, 2019	Brainerd, Minn.

EVENTS	DATE	LOCATION
Society of Nuclear Medicine and Molecular Imaging (SNMMI)	Jun 22, 2019 to Jun 25, 2019	Anaheim, Calif.
Complex Cardiovascular Catheter Therapeutics (C3)	Jun 23, 2019 to Jun 26, 2019	Orlando, Fla.
CSI Frankfurt (CSI)	Jun 26, 2019 to Jun 29, 2019	Frankfurt, Germany
Society of Cardiovascular Computed Tomography (SCCT)	Jul 11, 2019 to Jul 14, 2019	Baltimore, Md.
Chicago Cardiovascular Update	Jul 18, 2019 to Jul 20, 2019	Chicago, Ill.
Echocardiographic Symposium at Vail: State-of-the-Art Review, Live Scanning, Emphasis on Multimodality Imaging with Cardiac CT & MRI	Jul 22, 2019 to Jul 25, 2019	Vail, Colo.
ACC Latin America Conference	Jul 25, 2019 to Jul 27, 2019	Cartagena, Colombia
International Conference & Exhibition on Cardiology and Cardiovascular Medicine	Jul 26, 2019 to Jul 27, 2019	Kyoto, Japan
CHIP Seattle (CHIP)	Aug 02, 2019 to Aug 03, 2019	Seattle, WA
ACC/SCAI Interventional Cardiology Overview and Board Prep Course	Aug 08, 2019 to Aug 11, 2019	Washington, D.C.
The Amputation Prevention Symposium (AMP)	Aug 14, 2019 to Aug 17, 2019	Chicago, Ill.
Catheter and Surgical Therapies for Atrial Fibrillation (CAST-AF)	Aug 16, 2019 to Aug 17, 2019	Chicago, Ill.
Cardiovascular Board Review for Initial Certification and Recertification	Aug 24, 2019 to Aug 28, 2019	Rochester, Minn.
Echo Focus Session	Aug 29, 2019	Rochester, Minn.
European Society of Cardiology (ESC)	Aug 31, 2019 to Sep 04, 2019	Paris, France

## GLIMPSES OF INDIA

India is one of the oldest civilizations in the world and have rich cultural heritage

As the 7th largest country in the world, India stands apart from the rest of Asia

**Taj Mahal**, one of the most beautiful monuments, it is one of the seven wonders of world. The Taj Mahal, a beautiful white marble Monument located in the city of Agra on the banks of the holy river Yamuna in the state of Uttar Pradesh. Taj Mahal is the finest example of combines elements of Mughal, Persian, Ottoman Turkish and Indian architectural styles.

**Qutab Minar** of Delhi is one of the tallest and famous towers in the world and second tallest Minar in India. Complex of Qutb Minar is home to several historically monuments such as Tomb of Iltutmish, Iron pillar of Delhi and Alai Minar

### **SIDI SAIYYED IN AHMEDABAD - THE MOST BEAUTIFUL MOSQUE OF THE CITY!**

The Sidi Saiyyed Mosque is built with yellow sandstone in Indo-Islamic style of architecture. The famous Jali work in the Sidi Saiyyed Mosque is the source of attraction and the lodestone that drew people to its fold were the Jaalis ( also known as Sidi Saiyad Ni Jali ) or intricate lattice work of the windows of the mosque

**Hawa Mahal or the 'Palace Of The Winds'** located in the heart of the beautiful Pink City of Jaipur in Rajasthan, A prominent landmark of the city that is renowned for its rich cultural and architectural history. Built in 1799 by Maharaja Sawai Pratap Singh of the Kachwaha Rajput dynasty

The **Red Fort** is a historic fort in the city of Delhi in India. It was the main residence of the emperors of the Mughal dynasty for nearly 200 years, until 1856. It is located in the centre of Delhi and houses a number of museums

**& much more...**

Be our guest, We will help you to plan your trip to INDIA



Please Contribute your Experience by writing us at [info@multimedicsllc.com](mailto:info@multimedicsllc.com)



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