FELLOWSHIP IN ADVANCED ECHOCARDIOGRAPHY

Course material and monthly assessment and tests through online emails, website and App

<table>
<thead>
<tr>
<th>Duration of the Fellowship:</th>
<th>1 year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accreditation with:</td>
<td>The Simulation Society (TSS)</td>
</tr>
<tr>
<td></td>
<td>International Society of Cardiovascular Ultrasound (ISCU)</td>
</tr>
<tr>
<td></td>
<td>Indian Association of Echocardiography (IAE),</td>
</tr>
<tr>
<td></td>
<td>ECMO society of India (ESOI) and</td>
</tr>
<tr>
<td>Commencing on:</td>
<td>January 2018</td>
</tr>
<tr>
<td>Date of Exit Exam:</td>
<td>December 2018</td>
</tr>
<tr>
<td>Venue of Exit Examination:</td>
<td>Medanta – The Medicity, Gurgaon</td>
</tr>
<tr>
<td></td>
<td>Narayana Hrudayalaya, Bangalore</td>
</tr>
<tr>
<td></td>
<td>AIIMS, New Delhi</td>
</tr>
<tr>
<td>Total No of candidates:</td>
<td>50</td>
</tr>
<tr>
<td>Courses at:</td>
<td>AIIMS Delhi – 11,</td>
</tr>
<tr>
<td></td>
<td>Ahmedabad &amp; Mumbai – 1</td>
</tr>
<tr>
<td></td>
<td>Gurgaon (Medanta – The Medicity) - 3</td>
</tr>
</tbody>
</table>

(ONE DAY to TWO days weekend courses - No displacement from Normal Couse - This fellowship in Advanced ECHOCARDIOGRAPHY is to enhance the Fellows, Clinical Procedural skills - Enrol Now - Limited Seats)

Topics to be covered:
- Transthoracic Advanced Echocardiography
- 3D echo
- Strain
- Interventional echo
- Advanced quantitation
- Adult congenital heart disease
- Basics of Advanced image acquisition and display
- Transvalvular aortic regurgitation after TAVR: A real-time 3D TEE study
- Contrast-enhanced TEE during thoracic endovascular aortic repair
- Advanced TEE during catheter-based interventions
- Fatal Advanced ultrasound imaging
- Real-Time Advanced echocardiography in percutaneous balloon mitral valvuloplasty
- Cardiac regional strain evaluation for hypertrophic cardiomyopathy using Advanced Echocardiography
- Recent advances in Echocardiography: Strain and Strain rate imaging
- 3D - 4D TTE and 3D - 4D TEE in clinical practice.
- Role of Advanced wall motion tracking in heart failure
- Strain and Strain rate: An emerging technology in the perioperative period
- Stress ECHO with triplane and 4d data acquisition, difficulties and limitations
- Doppler, Continuous Wave Doppler, tissue Doppler, and Colour Flow studies in adult patients
- Miscellaneous techniques used in Echocardiography
- Advanced tissue Doppler for the purposes of dyssynchrony analysis and cardiac resynchronization
- Learn the indications, contraindications and precautions regarding the performance of contrast studies, using both agitated saline, as well as echo contrast agents for IHD etc.
- Etc.....
Details of fellowship in Advanced ECHOCARDIOGRAPHY

THINGS TO REMEMBER:

Membership of TSS is a must. There are 7 certificate courses and 20 online courses covering the Advanced Echocardiography syllabus with regular interval assessment.

Exit Examination by TATA Consultancy Services in December 2018.

ABOUT THE COURSE:

First course of its kind in the country. The course is of 12 months.

Duration January - December 2018.

Covers topics in ICU and operating room. E.g. Pain, Infection, Sepsis, Echocardiography, Drugs, TEE & TTE, I/v,

Strain and strain rate, TAVR, stress echocardiography, Doppler, ultrasound guided techniques, balloon mitral valvuloplasty, Hypertrophic Cardiomyopathy etc.

WHO IS ELIGIBLE:

<table>
<thead>
<tr>
<th>Post MD/DNB in:</th>
<th>Post MD/DNB in:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anaesthesia, Medicine, Pulmonary Medicine, Surgery, Paediatrics and Critical Care.</td>
<td>Cardiac Anaesthesia, Cardiac Surgery, Cardiac Critical Care, Cardiology, Paediatrics and Neonatology/Any non-cardiac surgery.</td>
</tr>
</tbody>
</table>

Application Process

We appreciate your interest in our program.
For those planning to apply for the 2018 Academic Year the application deadline is January 10th 2018; we will require all of the following from each candidate:

- Curriculum Vitae
- MCI/ State MCI Registration/Postgraduate Degree/ MBBS degree
- One Letter of Recommendation from Cardiovascular Disease Program Director

**FEES DETAILS:**

**Onetime Fee:**

41300 (Inclusive of 18% GST) - For TSS Lifetime Members

47200 (Inclusive of 18% GST) - For New Registrations + TSS Life membership

<table>
<thead>
<tr>
<th>TSS Life Time Membership</th>
<th>Certificate Course Online Material</th>
<th>Certificate Course Exit Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>5000</td>
<td>25000</td>
<td>10000</td>
</tr>
</tbody>
</table>

**CONTACT US**

E-969, LGF, CHITTRANJAN PARK, NEW DELHI 110019

Mob: - +91 9818193507, + 91 11 26593858

Email - thesimulationsociety@gmail.com

drpoonamaiims@gmail.com
Candidate Affiliation Form

TO BE FILLED IN BLOCK LETTERS

FIRST NAME* ___________________________________________________________

MIDDLE NAME_________________________________________________________

LAST NAME* ___________________________________________________________

AGE _____ SEX _____ DATE OF BIRTH_____________________________________

NATIONALITY_______ QUALIFICATION/S____________________________________

DATE OF JOINING __________________________

NAME OF THE INSTITUTION*_______________________________________________

DESIGNATION: ____________________________________________________________

OFFICIAL ADDRESS*: _______________________________________________________

__________________________________________State _________________Pin

ADDRESS FOR CORRESPONDENCE*: _________________________________________

__________________________________________State _________________Pin

Tel (Res): _______________ Office: ____________ Fax No. _______________

(Mob) _________________________ E mail: _______________________________

TENURE - 1st January 2018 TO 31st December 2018

BANK DRAFT/CHEQUE NO/CASH/NEFT: ______________________________

FEES DETAILS:-
Onetime Fee: 41300 (Inclusive of 18% GST) - For TSS Lifetime Members
47200 (Inclusive of 18% GST) - For New Registrations + TSS Life membership

(Drawn in favour of TSS, payable at SBI, AIIMS Campus, Ansari Nagar, New Delhi)

FOR Electronic Transfer (as RTGS/NEFT)
State bank of India – AIIMS, campus Branch (Branch Code: 1536), New Delhi
Account No: 35912170659
Account Name: The Simulation Society (TSS)
IFS Code: SBIN0001536
Limited Seats: First Come First Serve Basis:

-----------------------------------------
S     E     N     D
-----------------------------------------
T     O

Office Secretariat - TSS- New Delhi
E-969, LGF, CHITTRANJAN PARK, New Delhi - 110019
(M) – 9818193507, 01126593858
Website: http://www.thesimulationsociety.net/education-e-learning.html
E-mail: thesimulationsociety@gmail.com; drpoonamaiims@gmail.com