

Speciality Fellowship in Robotic Surgery



Association
**Robotic
Innovative
Surgeons**

A CLINICAL ROBOTIC SURGICAL SPECIALITY DEGREE

FRS Onco Surgery
FRS Upper GI Surgery
FRS HBP Surgery
FRS Colorectal Surgery
FRS Bariatric Surgery
FRS Hernia and AWR
FRS Gynecology

FRS Urology
FRS Cardiac Surgery
FRS Thoracic Surgery
FRS Head & Neck Surgery
FRS Endocrine Surgery
FRS Pediatric Surgery
FRS Neurosurgery

FRS SPECIALITY 2025

Post FARIS

IN AFFILIATION WITH



Accredited by
**THE ROYAL
COLLEGE OF
SURGEONS
OF EDINBURGH**



SRIHER

WELCOME MESSAGE

Dear Colleagues,

Warm greetings from the Association of Robotic and Innovative Surgeons (ARIS).

It is with great pleasure and pride that we extend our heartfelt welcome to you for the upcoming first edition of the Fellowship in Advanced Robotic Surgery – FRS Speciality. Since our inception in April 2022, ARIS has been dedicated to bringing the benefits of robotic surgery to surgeons worldwide, and with each passing year, we strive to reach new heights in education, innovation, and collaboration. Bringing robotic surgery to the remotest areas, FARIS (Fellowship in Advanced Robotic and Innovative Surgery), our first certificate program continues its commitment to democratising access to cutting-edge surgical education and technology.

We are thrilled to share that our commitment to advancing surgical education has led to the successful completion of three previous FARIS courses. With over 200 surgeons, respectively, having undergone our fellowship programme, we have witnessed a growing community of skilled professionals eager to embrace and master the realm of robotic surgery. We realised the importance of speciality training among our surgical colleagues and have designed this speciality course **FRS Speciality**.

What sets FRS Speciality apart is our collaboration and accreditation of the course under the prestigious Sri Ramachandra University of Medical and Health Sciences as well as the renowned Prestigious Royal College of Surgeons of Edinburgh. With such distinguished accreditations, we are delighted to announce that FRS Speciality is now officially endorsed as a university affiliated programme and a programme available to all overseas delegates having an endorsement of the Royal College of Surgeons of Edinburgh. This recognition not only validates the quality of our curriculum but also elevates the status of our fellows, positioning them as leaders in the field of robotic surgery.

FRS 2025 will continue to focus on providing a comprehensive learning experience through our meticulously designed multi-module course and onsite training. Our aim remains to equip aspiring surgeons of various specialities and super specialists with the necessary skills to undertake complex surgeries using the latest robotic technologies.

We encourage early registration, as we can accommodate the first 50 applicants only. Given the overwhelming response in previous years, we anticipate a high demand for participation. Please note that the course is exclusively open to ARIS members particularly those who have applied for 'Fellowship in Advanced Robotic & Innovative Surgery (FARIS) of 1 year duration under ARIS. For those not yet part of our community, we invite you to visit our website (www.aris-international.org) and explore the benefits of ARIS membership.

We are also pleased to extend the invitation to overseas delegates, recognising the global impact and interest in advancing robotic surgical skills.

As we look forward to a successful and enriching edition of FRS, we express our gratitude for your continued support and enthusiasm. Together, let us shape the future of robotic surgery and contribute to the growth and excellence of our shared field.

See you at FRS! Best regards,

Prof. Dr. Subhash Khanna
Founding President

Dr. Vivek Bindal
Secretary

Dr. Raj Palaniappan
Academic Convenor

Founding Members



Prof. Subhash Khanna
PRESIDENT



Dr. Vivek Bindal
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i. Introduction

The clinical speciality training is to be known as **Speciality Fellowship in Robotic Surgery – FRS**. The FRS Speciality three month training program conducted in dedicated surgical speciality institute of choice by ARIS and **available to candidates who have completed FARIS**.

The Scientific committee formulates the syllabus and curriculum. All those post FARIS Surgeons who fulfil the guidelines and criteria laid down by the committee will be eligible to apply for the program, **take up the speciality FRS as a three month onsite training program to obtain the speciality degree**.

All certified “Center of Excellence” hospitals with a high volume sub-speciality experience will be eligible to run the clinical speciality program. The eligible candidate’s application will be forwarded to the respective participating hospital after registration. The candidate is expected to read and follow the guidelines below and submit all required documents online before the end of the term. Successful fellows will be felicitated and ceremonially offered masters in the convocation during the following Annual ARIS congress after the FRS Speciality board’s clearance.

ii. Core Curriculum for FRS Speciality Clinical Training

A. CLINICAL AND TECHNICAL EXPERIENCE

Fellows in the department are required to provide outstanding evidence based clinical care to robotic surgery patients while advancing the future of medicine through innovative research.

i. Surgical Operation Requirements

In order to meet the designation of comprehensive training, fellows in 12 weeks of residential clinical exposure with a minimum of 20 robotic operations. The fellow should have assumed the role of assisting the surgeon in at least 25% (5 procedures) of cases. The candidate is expected to be having performed parts of the surgery in at least 10% of the instances (2 procedures), as deemed adequate by the program director to establish competence in managing surgeries including complications.

ii. Consultation Requirements

The candidate will participate in peri-operative outpatient consults, and evaluations. All the evaluation requirement must be documented in the logbook.

iii. Available Specialities

The surgical specialities that are available for FRS include: Onco Surgery, Upper GI Surgery, HBP Surgery, Colorectal Surgery, Bariatric Surgery, Hernia and AWR, Gynecology, Urology, Cardiac Surgery, Thoracic Surgery, Head & Neck Surgery, Endocrine Surgery, Paediatric Surgery, Neurosurgery and Orthopaedics

B. COGNITIVE EXPERIENCE

In addition to the clinical and technical experience detailed above, the candidate is expected to participate in non-surgical educational endeavours. These activities must be documented and validated by the Program Director.

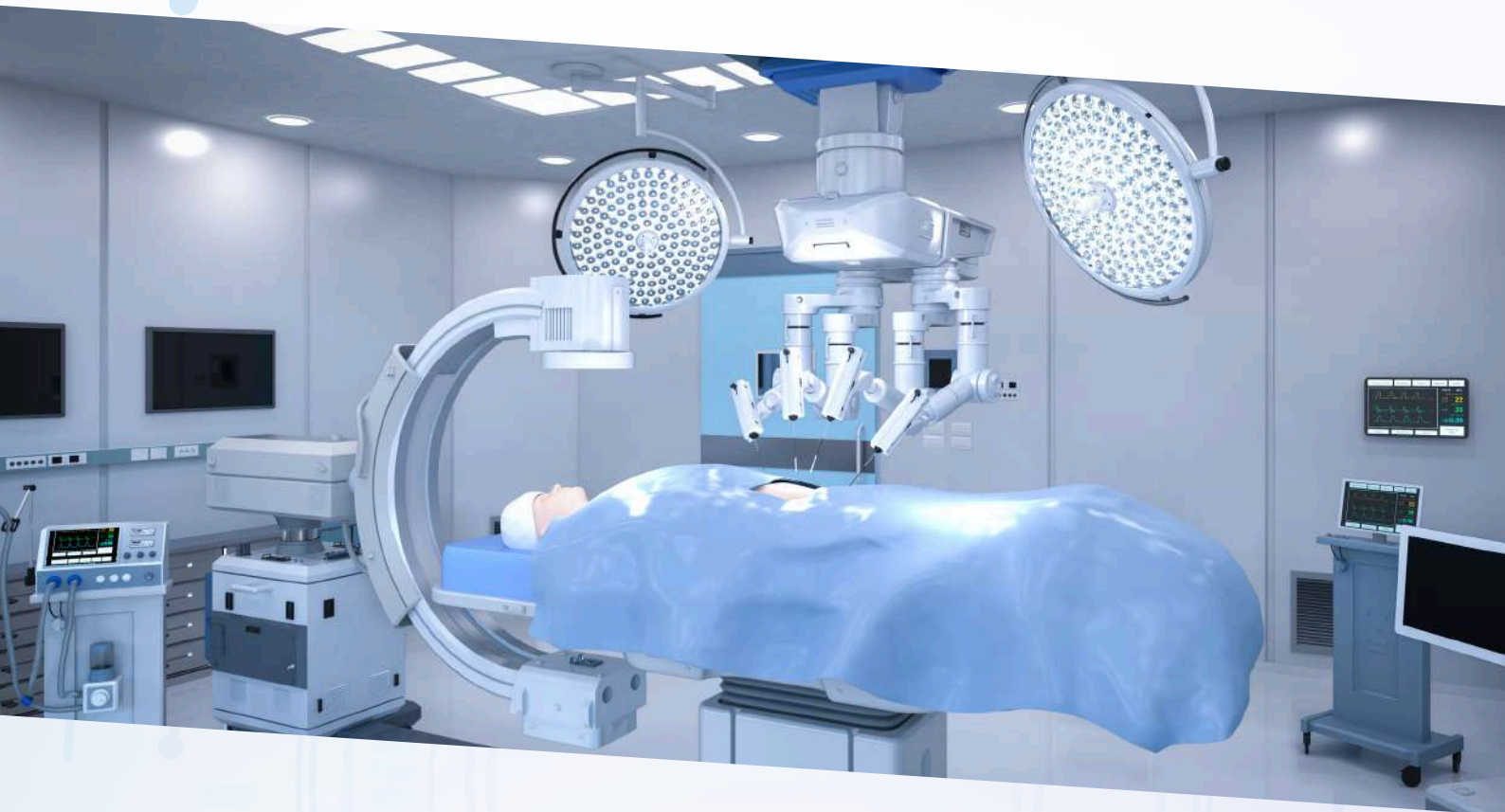
i. Didactic Educational Sessions

The speciality fellowship candidate must document that they participated in all the meetings. Online Sign-off sheet can be used for this required documentation. The didactic sessions will include pre-recorded lectures, textbooks, robotic surgery review sessions, live webinars on interesting topics, journal clubs and case discussions. All these sessions can be either online or onsite. See annex for online lecture schedules.

ii. Multidisciplinary Requirements

Candidate are expected to participate in regular robotic multidisciplinary meets. They also must attend a minimum of one conference / CME programme during their fellowship tenure and is encouraged to attend at least one patient support group / patient educational seminar. They will be required to fill the details in the logbook and submit certificates of attending such programmes.





C. SPECIALITY FELLOWSHIP PROGRAM GUIDELINES

- All certified “Center of Excellence” hospitals / institutions will be eligible to run the clinical robotic speciality program.
- Candidate should submit a fully completed application form along with supporting documents of adequate qualification and experience online.
- Candidates will be applying with choices of platform and speciality for clinical exposure. Once cleared, the candidate will be attending the institution for observorship and training as per the curriculum.
- The candidate is expected to submit his / her logbook online at regular intervals for assessment by the programme director. After the completion of the course, the FRS Speciality committee will be assessing the logbook as a part of the final assessment.
- Successful candidates will be bestowed with SRIHER (Deemed to be University) degree which is also affiliated to the Royal College of Surgeons of Edinburg and felicitated during the Annual ARIS Congress.
- Compulsory attendance and clearance of all modules are mandatory and marks will be deducted based on the attendance.

D. SPECIALITY FRS PERIOD

- A typical Speciality FRS will be for a three months period either between May-July or September- November or January-March depending on the availability of the COE.
- The FRS Speciality committee should be able to access the candidate's logbook and the final online evaluation sheets to arrive at clearance of the course. **Any delay beyond the deadline will not be entertained and the candidate will not be allowed to clear the course.**
- Candidates who fail to complete the assessment on time will have to appear for an alternative date announced by the FRS Speciality committee.

E. ASSESSMENT

- The final assessment will be based on the COE program directors objective assessment and the submission of the logbook





F. ELIGIBILITY CRITERIA

- **Candidates who have completed FARIS fellowship degree are eligible to apply.**
- An UGC or equivalent speciality degree matching the FRS speciality applied for.
- International Fellows are required to apply for temporary registration through the program director's Centre of Excellence to be eligible to get admission for the course. This will help them with the clinical attachment and operating rights.
- A fully completed application form with all required education and registration certificates.
- Receipt of payment before the deadline for the course.
- Seats will be first-cum-first-serve basis with a maximum of two candidates per speciality.



G. FEE STRUCTURE

- The advanced robotic fellowship will attract an admission fee of Rs.1,00,000 plus GST. The will also have to bear the university fee for Royal College affiliation as fixed by RCSEd.
- Repeat candidates need to re-apply for the failed module once the board approves.
- The remuneration for candidates will depend on the COE institution and its program director's prerogative and ARIS is not responsible for the same.
- All clinical & research related materials (soft copy of textbooks and journal access) will be provided by ARIS and infrastructure (desk, library) will be provided the participating COE during the residency period.
- All other expenses related to stationaries, accommodation, food, travel, conferences will be borne by the candidate themselves.

iii. Module Details

The Speciality FRS curriculum is divided into 4 modules as explained below with each modules with a specific timeline and minimum hours of commitment required.

A. Module 1 - Online Lectures

The candidate will be taking the Module 1 in two modes and a total of 10 hours of commitment with lectures and webinars. The candidate will be eligible for Module 2 after completing the Lectures.

1. **Lectures:** All lectures will be a 30-40 minute pre-recording based on basic and speciality of choice followed by answering 10 MCQ's and score 5 out of 10 in each lecture before the candidate clears the module. The lectures will be 30 hours of general robotics and 10 hours of speciality robotics
2. **Webinars:** Regular webinars on various topics including journal club, research, case discussions, literature and research review, etc.

B. Module 2- Clinical Training

Clinical training will be spread over a period of 3 months in one / COE centre as per their availability under the program director and the candidate needs to clock a minimum of 50 hours of clinical time which includes 20 surgeries.

Residency: Candidates will join a speciality clinical team as full time resident/ fellow trainee for a minimum period of 3 months. They will be a part of the COE institution under its program director as their mentor. The remuneration for residency period will depend on the COE institution and ARIS will not be responsible for the same. The candidate will attend all days of clinical functioning of the department and will be a part of the operating team.

The candidate will be maintaining a logbook online which will be available for assessment. The program director will also have a personal meeting to assess the clinical performance.



C. Module 3 – Assessments

Assessments are based on 2 various modes and Every assessment model will be on a objective basis by an independent assessor without revealing the candidates identity and their COE program.

1. Clinical performance assessment will be done by the program director of the COE where the candidate attends the residency. This will carry 100 marks.
2. Logbook assessment will be as per the completion of the logbook as per the requirements and on time. This will carry a total of 100 marks.
3. Candidates who score a minimum of 50% pass (100/200) will be eligible to obtain the degree.

E. Certification

After successful completion of the course, the candidate will be conferred upon the FRS Speciality degree in the particular surgical speciality applied for which includes Upper GI, Hepato-biliary, Colorectal, Bariatric, Hernia/AWR, Onco surgery, Urology, Cardiac, Thoracic, Neuro, ENT, Endocrine, Paediatric or any other speciality utilising robotic platform.

The convocation will happen during the final session of ARIS Annual Congress.



iv. Tariff

The clinical masters is to be known as “Fellowship in Robotic Surgery – name of Speciality”. The masters will be for a period of three month training program conducted in speciality venue of choice by ARIS. The fellowship will be as per UGC guidelines and will be a recognised medical university degree from Sri Ramachandra University and affiliated to Royal College of Surgeons of Edinburgh with credit points.

Course	Period	Rate
Fellowship in Robotic Surgery 3 months onsite clinical residency Detailed clinical logbook submission Objective Structured Clinical assessment	3 months	₹ 1,00,000 \$ 1250 + taxes

v. Typical FRS Speciality Journey

- The candidate should have obtained FARIS degree.
- Attend 3 month speciality residency in one of the dedicated speciality COE as per the allotment. Program director will be assessing the candidate based their clinical knowledge.
- Submit the logbook with a minimum of 20 surgeries and dissertation for assessment by deadline.





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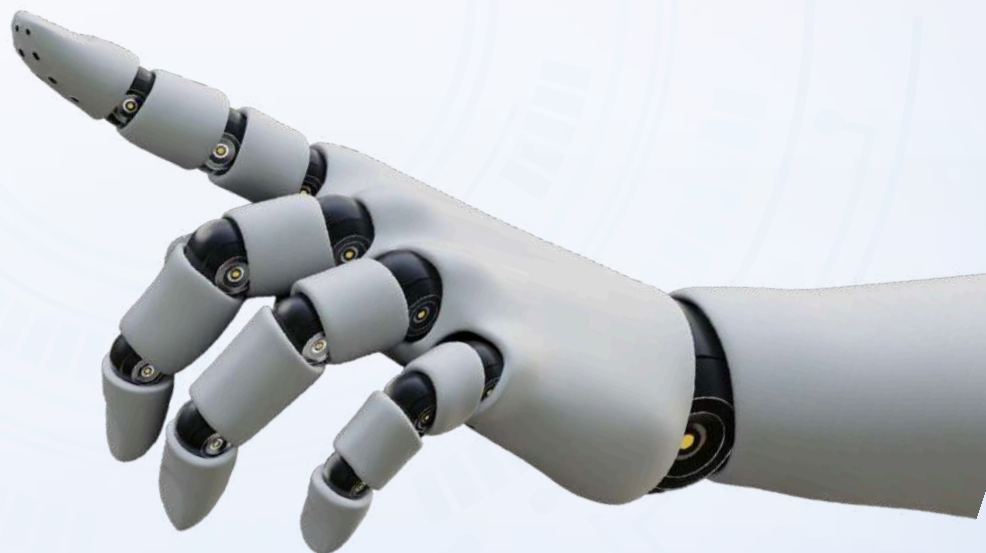
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