



NEUTRALITY  
ETHICS  
SAFETY  
5-STAR SERVICES  
STATE-OF-THE-ART  
INFRASTRUCTURE  
PEDAGOGICAL  
WEALTH  
SECURED  
ECOSYSTEM

## WHO WE ARE

The SFITS is a not for profit foundation, based in the Geneva University Hospitals (HUG) complex in Switzerland. With a versatile modular space, our facility can easily be adapted to a wide range of learning modalities.

We are specialized in hosting and organizing face-to-face, online and blended surgical and interventional training sessions and events for hospitals, medical associations and private companies.

## THE SFITS OFFERING IS UNIQUE

- Almost real conditions
- A totally controlled environment
- Ethical access to anatomical specimens, organic parts, synthetic models
- Know-how and infrastructure to host face-to-face, online and hybrid events



### Training

Improve surgical and interventional practice by offering continuous training to all professionals working in operating rooms

### Exchange

Serve as a platform for interdisciplinary exchange between teachers, researchers and engineers

## OUR MISSION

### Innovation

Foster the emergence of innovative ideas by bringing the medical and industrial worlds together

### Research

Host research projects and support the development of new interventional and surgical techniques and technologies



# OUR UNIQUE OFFERING



A COMPLETE  
ECOSYSTEM TO  
MANAGE AND DRIVE  
ALL EDUCATIONAL  
AND RESEARCH  
INITIATIVES



# THE 3P

## PEOPLE & KNOW-HOW

- Experienced operational and resourceful team, focused on delivering training efficiently
- Administrative team to manage training and projects, participants' registrations, accreditation and marketing
- IT team to manage and develop the SFITS' ecosystem
- Audio-visual team with specific know-how for filming videos in hospital environment and for editing educational and scientific videos
- Pedagogical team to develop and create rich and innovative training experiences

## PROCESSES & CLOSE-TO-REAL SIMULATION CONDITIONS

- Controlled environment to practice safely
- Ethical management of anatomical specimens and organic parts
- Modern and fully equipped infrastructure: biomedical and audiovisual equipment, instrumentation and disposables, advanced imaging system
- Efficient processes: ethics, hygiene, security, logistics, administrative, legal, financial, event organization, biomedical
- Ecosystem: training and registration management, e-learning platform, certification, Logbook, evaluation

## PRODUCTS, SERVICES AND EDUCATIONAL VALUE CHAIN

- Facilitation of face-to-face practical and theoretical courses
- Facilitation and creation of e-learning modules and pedagogical videos
- Hybrid events, live streaming
- Certification, participants' and faculty logbook

## PEOPLE

- Operational team
- Administrative team
- IT team
- AV team
- Pedagogical team

## PROCESS

- Controlled environment
- Pedagogical material
- Infrastructure
- Processes
- Ecosystem

## PRODUCT

- Face-to-face workshops
- Online modules
- Hybrid events
- Certification /Logbook

# OUR MAIN ACTIVITIES



The SFITS rents its premises and services to Medtech companies and research centers, for them to organize their training and to perform their tests in an adapted environment.



We welcome

- Renowned international companies that would like to add value to their training experience for their public by coming to a 5-star infrastructure
- Local companies that would want to develop gestural and adapted technologies to current surgical methodologies, and
- Swiss, European and international medical associations that would want to rely on 5-star administrative, financial, logistical and technical services, to organize their congresses and practical workshops.

## SERVICES

- Custom-made event organization
- Rental of adapted and fully equipped environment as in an OR
- 5-star services from administrative, logistical, technical and biomedical teams
- Administrative and financial management
- Research of sponsors



We welcome participants from the Geneva University Hospitals and also from Swiss and international hospitals and clinics.

We create and deploy training curricula as well as develop and publish our own e-learning modules and pedagogical videos.

### TRAINING CURRICULA

- **BASIC**
- **ADVANCED**
- **EXPERT**

### SERVICES

- Creation of training curricula
- Access to adapted and fully equipped environment as in an OR
- Complete support of the administrative, logistical, technical and biomedical team
- Administrative and financial management
- Registration management
- Marketing and communication
- Research of sponsors
- Accreditation
- Logbook & certification
- E-learning modules, evaluation
- Pedagogical videos, evaluation

### The ecosystem of the SFITS Academy serves three stakeholders:

- **Participants** who have personal access to the Course Calendar, who can register, validate their attendance using a QR Code, create their logbook and have access to the SFITS e-learning library
- **Faculty** that have centralized access to their own training calendar, and their own logbook of trainer activities
- **Hospital administrators** who can receive reporting on activities (participation, evaluation)



In addition to its infrastructure and operational services, the SFITS can also provide administrative, financial, technical and logistical services, to assist hospitals and medical associations to deliver practical workshops in the best possible way.



# OUR PEDAGOGICAL VALUE CHAIN

1



## PEDAGOGICAL ENGINEERING & COORDINATION

The SFITS manages and drives the entire educational value chain: from the creation of a training program to participant accreditation.

Training methodologies are diverse, rich and adapted to different audiences and levels of expertise:

- Hands-on training
- Theory lectures and seminars
- Group discussions, study-cases, role-play, surgical session planning
- Training on simulators
- Exams
- E-learning modules
- Educational videos
- Hybrid events and live streaming

2



## CALENDAR & PARTICIPATION MANAGEMENT



3



**FACE-  
TO-FACE  
TRAINING**

4



**ONLINE &  
HYBRID  
TRAINING**

5



**CERTIFICATION,  
ACCREDITATION &  
LOGBOOK**



# OUR TRAINING ECOSYSTEM



SFITS  
Calendar  
webapp



SFITS  
library





## PERSONAL PROFILE



### HANDS-ON WORKSHOPS IN ADAPTED CONDITIONS

- Catalogue of theory and hands-on workshops
- Registration
- Follow-up of participations
- Certification



### INTERACTIVE E-LEARNING MODULES

- Quality training validated by experienced faculty
- Pedagogical videos
- Auto-evaluation
- Certification



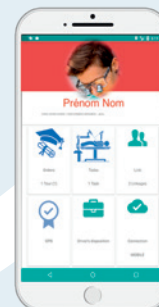
### IMMERSIVE ONLINE EVENTS

- Access to online platform
- Registration
- Follow-up of participations
- Certification



### FACILITATED LOGBOOK

- Customized training history for participants, with their activities and certificates
- Publicly shareable in PDF or web format

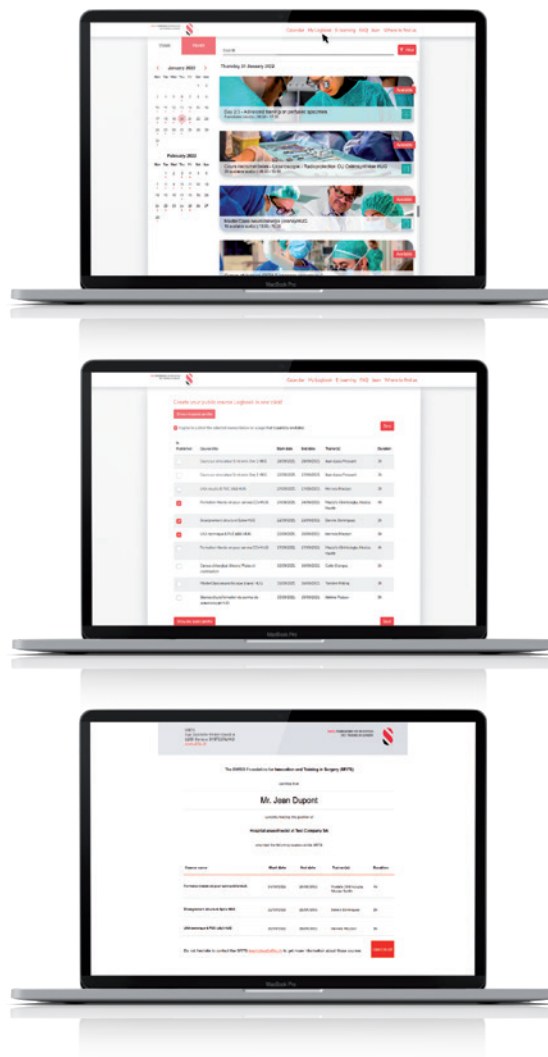


# FACILITATED LOGBOOK



## FOR PARTICIPANTS

- Certificate of attendance
- Certificate of completion with credits at the end of accredited courses
- Accreditation from Swiss and European societies
- Customized training history
- Publicly shareable on PDF or on web format



- **Individual logbook with all training activities**
  - E-learning modules completion
  - Hands-on courses attendance
  - Sessions on simulators
- **Customized training history**
- **Publicly shareable on PDF or on web format**

## FOR FACULTY



- List of all courses faculty gave
- Calendar of activities
- List of attendance
- Evaluation surveys

- **Centralized logbook  
with all training  
activities**



# HANDS-ON WORKSHOPS



## TRAINING ON SIMULATORS



## WORKSHOP ON SYNTHETIC MODELS

# IN ADAPTED CONDITIONS



▲ **PRACTICAL  
WORKSHOPS ON  
ANATOMICAL  
SPECIMENS**

▲ **PRACTICAL  
WORKSHOPS  
ON ORGANIC  
MATERIALS**



# INTERACTIVE E-LEARNING MODULES



With the collaboration of professors, surgeons, and OR professionals of the Geneva University Hospitals, the SFITS is building its own library of e-learning modules.

Each module ends with a short knowledge quiz and follows one of these 3 educational approaches:

- **Theoretical knowledge:**

Presentation of pathologies, their treatment plan, anatomical reminders, clinical exercises (practical cases)

- **Introduction to practical exercises:**

Focus on practical exercises (shown in video); accompanied by additional theoretical reminders (anatomical reminders, presentation of instruments and equipments, etc.)

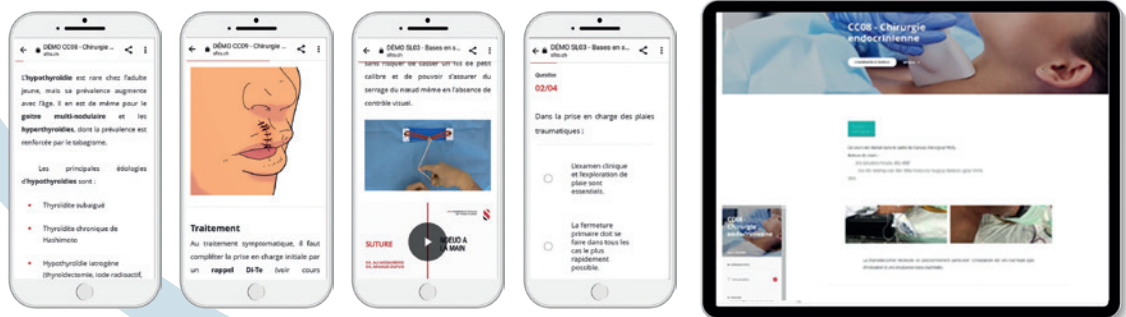
- **Surgical procedures:**

Presentation of surgical procedures (shown in video), accompanied by anatomical reminders, presentation of pathologies, instruments, equipments, surgical processes and perioperative medical follow-up.

The Swiss Surgical Society credited the SFITS e-learning modules, by 1 or 2 points (for more advanced).



## ACCESS TO DEMO MODULES



You can access demo modules on our website:  
[www.sfits.ch/e-learning](http://www.sfits.ch/e-learning)



# IMMERSIVE ONLINE EVENTS

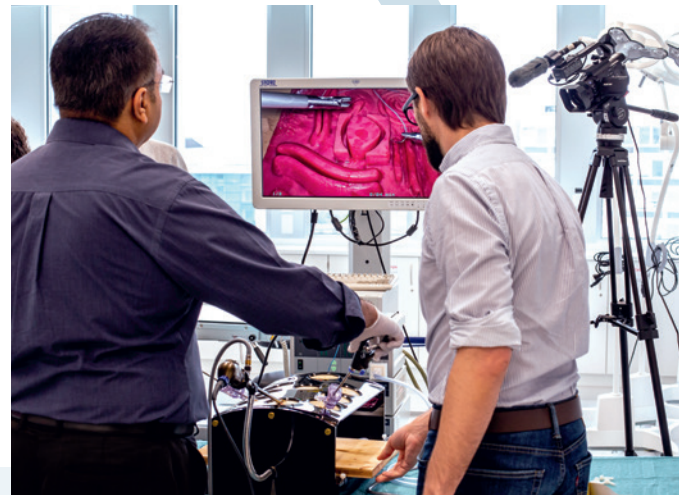
## IMMERSION IN TRAINING

The SFITS developed know-how and knowledge, and created an entire service

- Organize hybrid events from training rooms
- Organize live streaming
- Film anatomical dissections, surgical procedures on patients
- Edit and create videos (captions, subtitles, voice over, ...)
- Create e-learning content

## LIVE STREAMING / HYBRID EVENTS

- Anatomical dissections from one of our Wetlabs
- Surgical procedures done in a fully equipped operating theater
- Online events, theory presentations, Q&A, virtual group discussions



## THE ONLINE EDUCATIONAL BENEFITS

- Complementary face-to-face events
- Without risk for the patient
- Immersive with full view on the faculty's surgical view or on the biomedical screens
- Rich, with high definition live video
- Engaging Q&A with the faculty



# CASE STUDY BLENDED «WEST APPROACH»



## MIXED TEACHING METHODS

**W** 3-hour Hands-on Workshops with guidance and personalized feedback

**E** E-learning modules

**ST** Self-training with complete suture kits

### Theory and illustration

**Suture des différents plans**

**Suture du plan sous-cutané**

La suture du plan sous-cutané permet de rapprocher les berges en traversant l'hypoderme et le derme profond.

Ceci permet alors de décharger la tension en profondeur. Cette suture est réalisée par des points sous-cutané inversés avec des fils résorbables.

### Educational video

**2. Nœuds à la main**

Les nœuds à la main sont utilisés pour nouer tous les fils en profondeur afin de pouvoir appuyer la bonne pression sans risquer de casser un fil de polyester ou de provoquer l'assourissement du serrage du nœud même en l'absence de contrôle visuel.

**5. Point d'Allgöwer**

Le point d'Allgöwer possède les mêmes propriétés que le point de Blair-Donati en terme de solidité mais apporte un bénéfice esthétique.

### Gestural demo

**5. Point d'Allgöwer**

Le point d'Allgöwer possède les mêmes propriétés que le point de Blair-Donati en terme de solidité mais apporte un bénéfice esthétique.

### Knowledge quiz

Question 02/09

Dans la prise en charge des plaies traumatiques :

- ☐ L'examen clinique et l'exploration de plaie sont essentiels.
- ☒ La fermeture primaire doit se faire dans tous les cas le plus rapidement possible.
- ☐ La suture de la peau par un surjet est la technique de choix.
- ☐ Les plaies par morsures doivent être suturées.
- ☐ Toutes les réponses sont justes.

Incorrect

### E-learning module: basic sutures

- It is recommended to pass the test with 80% to fully enjoy practical courses
- Click on one of these images to access the e-learning modules

### WORKSHOP



### 3-HOUR PRACTICAL COURSE

- on organic parts, in an equipped and secured environment

### SELF-TRAINING



- Complete suture kit for self-training anytime, anywhere

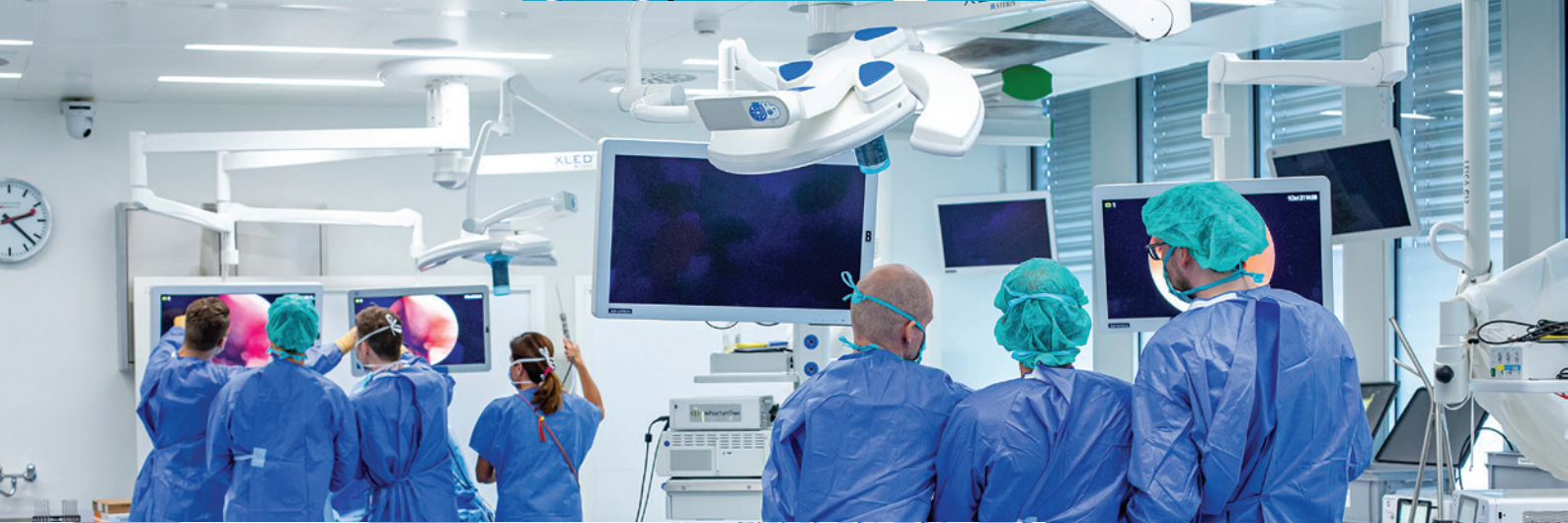
















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