

Training in Pediatric Intensive Care and Neonatal Echocardiography



May 6-7, 2022, Lausanne, Switzerland

www.tinec.org

The background of the lower half of the poster is an aerial photograph of Lausanne, Switzerland. The city's dense urban landscape, with its characteristic red-tiled roofs and historic architecture, is visible in the foreground. In the middle ground, the calm blue waters of Lake Geneva stretch across the frame. The background is dominated by the majestic, snow-capped peaks of the Swiss Alps under a clear sky.

FINAL PROGRAM

TABLE OF CONTENT

WELCOMING WORDS 3

CONFERENCE ORGANIZATION 4

FACULTY 5

SCIENTIFIC AND EDUCATIONAL PROGRAM 6

ROOMS ACCESS MAP 9

SPONSORS..... 10

GENERAL INFORMATION..... 11

GENERAL CONDITIONS 12

SOCIAL PROGRAM 13

ABOUT LAUSANNE 14

NOTES..... 16

WELCOMING WORDS

Dear neonatologists and pediatric intensivists,

It is our great pleasure to invite you to the 6th Basic Course «Training in Pediatric Intensive Care and Neonatal Echocardiography» (TINEC) organized jointly by pediatric cardiologists, intensivists and neonatologists from the University of Lausanne, Geneva (Switzerland) and Cambridge (United Kingdom).

The basic course is designed for practitioners who have already some basic echocardiography training. It will consist of lectures as well as interactive cases and hands-on workshops in small groups and practice on neonates, children and mannequins.

This year sessions will be also done, by local and international faculty, on lung and abdominal ultrasound and line placement.

We are delighted to welcoming you to Lausanne!

Warm regards,

TINEC 2022

Organizing Committee:

Prof. Nicole Sekarski

Dr Sébastien Joye

Dr Cécile Tissot

Dr Yogen Singh

Dr Julia Natterer



CONFERENCE ORGANIZATION

TINEC 2022 ORGANIZING COMMITTEE

Prof. Nicole Sekarski

Chief Pediatric Cardiology, University Hospital, Lausanne, Switzerland

Dr Sébastien Joye

Neonatology, University Hospital, Lausanne, Switzerland

Dr Cécile Tissot

Pediatric Cardiology, Clinique des Grangettes, Geneva, Switzerland

Dr Yogen Singh

Neonatology / Pediatric Cardiology, Cambridge University Hospital, United Kingdom

Dr Julia Natterer

Pediatric Intensivist, University Hospital, Lausanne, Switzerland

ORGANISED JOINTLY BY

University Hospitals of Lausanne and Geneva (Switzerland).

EDUCATIONAL CREDITS

La Société Suisse de médecine intensive SSMI (Schweizerische Gesellschaft für Intensivmedizin SGI) has granted 16 CME credits.

ADMINISTRATIVE SECRETARIAT

SYMPORG 

Symposium & Conference Organizers

Rue Rousseau 30, CH-1201 Geneva, Switzerland

Tel: +41 (0)22 839 84 84 – Fax: +41 (0)22 839 84 85

Email: tinec@symporg.ch

Website: www.tinec.org

FACULTY

Prof. Nicole Sekarski

Chief Pediatric Cardiology, University Hospital, Lausanne, Switzerland

Dr Sébastien Joye

Neonatologist, University Hospital, Lausanne, Switzerland

Dr Cécile Tissot

Pediatric Cardiology, Clinique des Grangettes Geneva, Switzerland

Dr Yogen Singh

Neonatology/Pediatric Cardiology, Cambridge University Hospital, United Kingdom

Dr Julia Natterer

Pediatric Intensivist, University Hospital, Lausanne, Switzerland

Dr Milan Prša

Pediatric cardiologist, University Hospital, Lausanne, Switzerland

Dr Stefano di Bernardo

Pediatric cardiologist, University Hospital, Lausanne, Switzerland

Dr Tatiana Boulos-Ksontini

Pediatric Cardiology, University Hospital, Lausanne, Switzerland

Dr Sabrina Bressieux-Degueldre

Pediatric Cardiology, University Hospital, Lausanne, Switzerland

Dr Magali Gauthey

Pediatrician, Specialist in Pediatric Emergency Care, Hôpital de La Tour, Geneva, Switzerland

Dr Aude Tonson

Pediatrician Specialist in Pediatric Emergency Care, Hôpital de la Tour, Geneva, Switzerland

Dr Damian Hutter

Pediatric Cardiology, Inselspital Berne, Switzerland

Dr Adrien De Cock

Specialist in Pediatric Anesthesia, University Hospital, Lausanne, Switzerland

Dr Nawal Dakka

Pediatric cardiology fellow, University Hospital, Lausanne, Switzerland

SCIENTIFIC AND EDUCATIONAL PROGRAM

FRIDAY MAY 6, 2022

Auditoire Charlotte Olivier

08:00 – 09:00 Registrations

09:00 – 09:15 **Presentation of the course**

Course directors: Nicole Sekarski (Switzerland),
Sébastien Joye (Switzerland), Cécile Tissot (Switzerland),
Yogen Singh (United Kingdom), Julia Natterer (Switzerland)

REVIEW OF THE BASICS OF THE ECHOCARDIOGRAPHY

Moderator: Sébastien Joye (Switzerland)

09:15 – 09:30 **Physics of the ultrasound, settings**

Yogen Singh (United Kingdom)

09:30 – 10:30 **Standard views**

Cécile Tissot (Switzerland)

Structural measurements

Nicole Sekarski (Switzerland)

10:30 – 11:15 **Evaluation of systolic and (basic diastolic) function**

Nicole Sekarski (Switzerland)

11:15 – 11:30 Coffee break

PULMONARY PRESSURES

Moderator: Cécile Tissot (Switzerland)

11:30 – 11:50 **How to accompany transition in the neonate**

Yogen Singh (United Kingdom)

11:50 – 12:10 **How to evaluate pulmonary hypertension**

Sébastien Joye (Switzerland)

CASE PRESENTATIONS

- 12:10 – 13:00 **Case presentations & Take home message**
Nicole Sekarski (Switzerland) & Julia Natterer (Switzerland)
-
- 13:00 – 14:00 Lunch
-

HANDS-ON SESSION

- 14:00 – 17:00 **Hands-on in small groups**

SATURDAY MAY 7, 2022

Auditoire Charlotte Olivier

POINT-OF-CARE ULTRASOUND

Moderator: Julia Natterer (Switzerland)

- 08:30 – 08:50 **Lung ultrasound**
Magali Gauthey (Switzerland)
-
- 08:50 – 09:00 **Q&A**
-
- 09:00 – 09:20 **Abdominal ultrasound**
Magali Gauthey (Switzerland) & Aude Tonson (Switzerland)
-
- 09:20 – 09:30 **Q&A**
-
- 09:30 – 09:45 **Line placement**
Julia Natterer (Switzerland)
-

CASE PRESENTATION

Moderators: Sébastien Joye (Switzerland)
& Yogen Singh (United Kingdom)

- 09:45 – 10:00 **Cases (to prepare next session)**
-

10:00 – 10:15 Coffee break

CARDIAC SESSION

10:15 – 10:35 **How to diagnose tamponade?**

Cécile Tissot (Switzerland)

10:35 – 10:45 **Q&A**

10:45 – 11:05 **How to evaluate a PDA?**

Sébastien Joye (Switzerland)

11:05 – 11:15 **Q&A**

11:15 – 11:35 **How to assess hypotension?**

Stefano Di Bernardo (Switzerland)

11:35 – 11:45 **Q&A**

11:45 – 12:00 **Take home message**

Yogen Singh (United Kingdom) & Julia Natterer (Switzerland)

12:00 – 13:00 Lunch

HANDS-ON SESSION

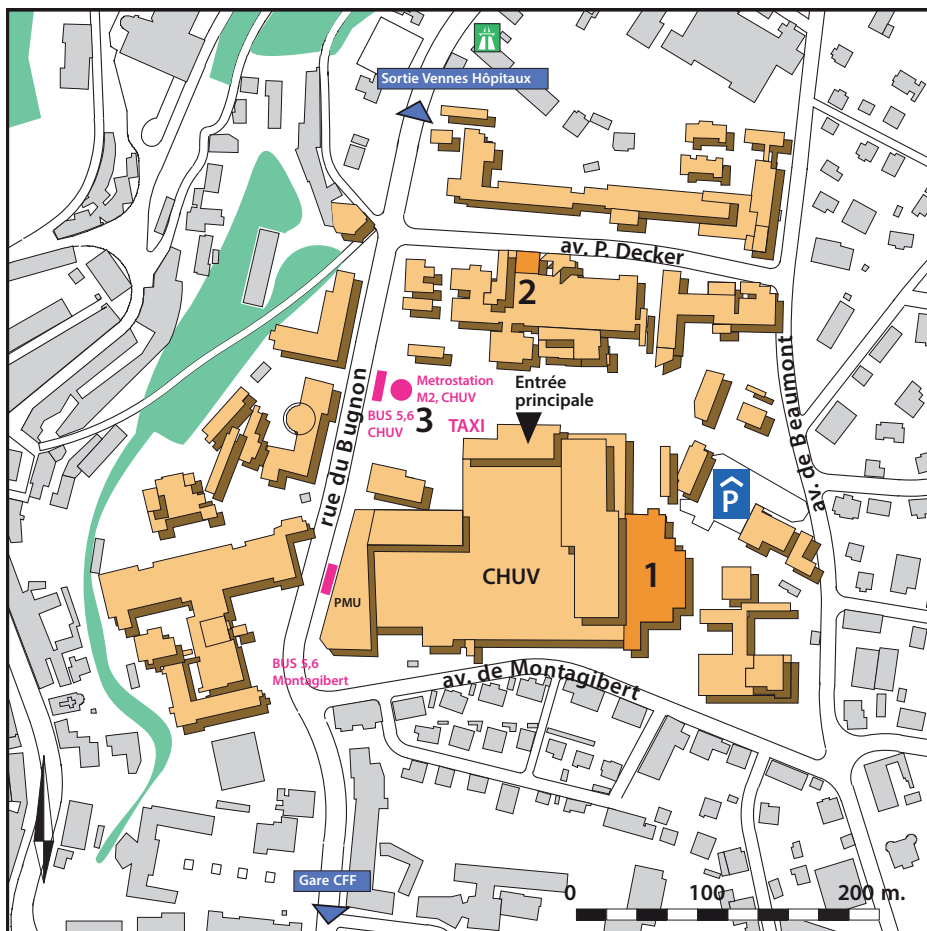
13:00 – 16:00 **Hands-on in small groups**

16:00 – 16:30 **Test**

16:30 – 17:00 **Take home message and closing remarks**

*Nicole Sekarski (Switzerland), Sébastien Joye (Switzerland)
Cécile Tissot (Switzerland), Yogen Singh (United Kingdom),
Julia Natterer (Switzerland)*

ROOMS ACCESS MAP



1. CHUV: (BH 08)
Auditoire Charlotte Olivier

2. MATERNITY

3. M2, METRO STATION, CHUV

SPONSORS

TINEC 2022 thanks the following companies for their support



**Centre hospitalier
universitaire vaudois**



PHARMACEUTICAL COMPANIES OF

Johnson+Johnson



ECHOCOM
Realistic Ultrasound Simulator in Neonates



GE Healthcare

GENERAL INFORMATION

VENUE

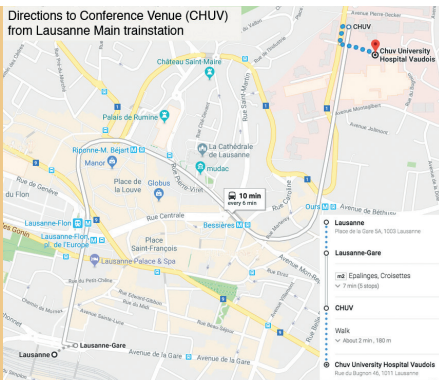
CHUV

University Hospital of Lausanne
Rue du Bugnon 46
1011 Lausanne

ACCESS

M2 Metro station: CHUV
Website: www.chuv.ch

Directions to Conference Venue (CHUV)
from Lausanne Main trainstation



REGISTRATION DESK OPENING HOURS

Friday, 6 May 2022: 08h00-17h00

Saturday, 7 May 2022: 08h00-18h00

OFFICIAL LANGUAGE

English is the official language of the congress. No simultaneous interpretation will be provided.

WIFI

Please check the registration desk for more information.

CERTIFICATE OF ATTENDANCE

The certificate of attendance and the credits will be sent to you after the conference by email. Thank you for your understanding.

GENERAL CONDITIONS

BADGES

Delegates will receive a name-badge when they register at the reception desk. The badge must be worn prominently in order to gain access to the training area during all scientific and social events. Admission will be refused to anyone not in possession of an appropriate badge.

INSURANCE

Neither the organization nor the conference agency are responsible for individual medical, travel or personal insurance. Delegates are requested to arrange their own travel and health insurance. The organizers cannot assume liability for changes in the programme due to external circumstances.

COVID 19

As of February 17, 2022, access to the CHUV is no longer subject to the presentation of a COVID certificate.

The Federal Council has announced that the COVID certificate will no longer be required for access to establishments open to the public and to events as of February 17, 2022.

The restrictions on access to the CHUV by means of a COVID certificate are thus abolished.

The relaxation of measures does not, however, dispense with the wearing of masks and the other barrier measures, which are the respect of a distance of 1.5m and hand disinfection.

SOCIAL PROGRAM

CONFERENCE DINNER

FRIDAY, 06 MAY 2022

18h30: departure by bus from CHUV

Location:

Domaine Wannaz
Chemin de Bahyse 12
1091 Chenaux

Tickets:

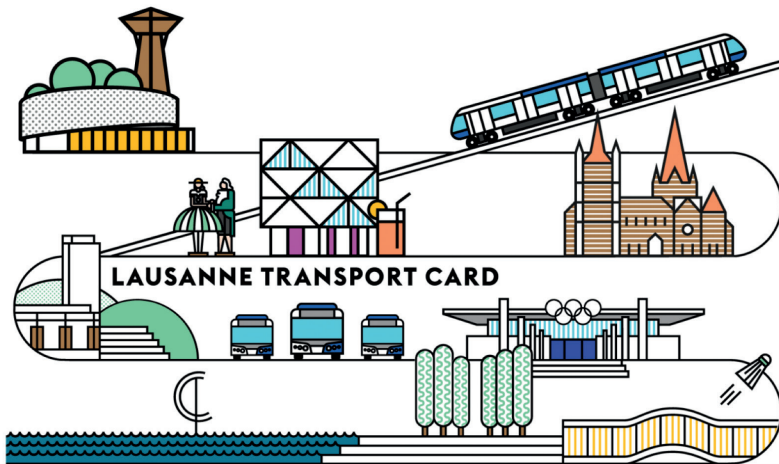
CHF 70.- per person
(excluding 7.7% VAT)



ABOUT LAUSANNE

Situated at the heart of the Lausanne-Morges agglomeration, the capital of the canton of Vaud is in the throes of development, with business, urban planning, public transport and mobility all sectors undergoing transformation. The fourth-largest city in Switzerland, Lausanne is set apart by its vocation as an Olympic city, a sustainable city and a place of training and culture. A very popular tourist destination, the city is also home to many international companies.





TOURIST INFORMATION AND FREE PUBLIC TRANSPORTATION

If you are staying at a hotel in Lausanne, you will be offered a free transportation card upon your check in at the hotel. Use this card to visit some of the highlights that Lausanne has to offer or maybe venture a bit further and take a short ski vacation! For more information, visit the Lausanne Tourist Offices at the main train station or at the Ouchy Metro station or online at www.lausanne-tourisme.ch

HIGHLIGHTS

The Cathedral of Lausanne, The Olympic Museum, Ouchy, Lake Geneva, The UNESCO World Heritage: Lavaux vineyards

BANKS AND CURRENCY EXCHANGE

The local currency is the Swiss Franc (CHF). One Swiss Franc equals approximately 0.98 Euro; or 1.00 USD (exchange rate valid in April 2022). Banking hours are from Monday to Friday: 9 am – 5 pm. Saturday: 9 am – 12 am

SHOPPING

Shops in Lausanne are open Monday to Friday from 8:30 am to 7 pm and Saturday from 8:30 to 6:00 pm.

NOTES

[illegible]

NOTES

[illegible]

	FRIDAY MAY 6, 2022 (room: Auditoire Charlotte Olivier)
08:00 - 09:00	Registrations
09:00 - 09:15	Presentation of the course <i>Course directors: Nicole Sekarski, Sébastien Joye, Cécile Tissot, Yogen Singh, Julia Natterer</i>
	REVIEW OF THE BASICS OF THE ECHOCARDIOGRAPHY <i>Moderator: Sébastien Joye</i>
09:15 - 09:30	Physics of the ultrasound, settings <i>Yogen Singh</i>
09:30 - 10:30	Standard views <i>Cécile Tissot</i> , Structural measurements <i>Nicole Sekarski</i>
10:30 - 11:15	Evaluation of systolic and (basic diastolic) function <i>Nicole Sekarski</i>
11:15 - 11:30	Coffee break
	PULMONARY PRESSURES <i>Moderator: Cécile Tissot</i>
11:30 - 11:50	How to accompany transition in the neonate <i>Yogen Singh</i>
11:50 - 12:10	How to evaluate pulmonary hypertension <i>Sébastien Joye</i>
	CASE PRESENTATIONS
12:10 - 13:00	Case presentations & Take home message <i>Nicole Sekarski, Julia Natterer</i>
13:00 - 14:00	Lunch
14:00 - 17:00	HANDS-ON SESSION Hands-on in small groups
	SATURDAY MAY 7, 2022 (room: Auditoire Charlotte Olivier)
	POINT-OF-CARE ULTRASOUND <i>Moderator: Julia Natterer</i>
08:30 - 08:50	Lung ultrasound <i>Magali Gauthey</i>
08:50 - 09:00	Q&A
09:00 - 09:20	Abdominal ultrasound <i>Magali Gauthey, Aude Tonson</i>
09:20 - 09:30	Q&A
09:30 - 09:45	Line placement <i>Julia Natterer</i>
	CASE PRESENTATIONS <i>Moderators: Sébastien Joye, Yogen Singh</i>
09:45 - 10:00	Cases (to prepare next session)
10:00 - 10:15	Coffee break
	CARDIAC SESSION
10:15 - 10:35	How to diagnose tamponade? <i>Cécile Tissot</i>
10:35 - 10:45	Q&A
10:45 - 11:05	How to evaluate a PDA? <i>Sébastien Joye</i>
11:05 - 11:15	Q&A
11:15 - 11:35	How to assess hypotension? <i>Stefano Di Bernardo</i>
11:35 - 11:45	Q&A
11:45 - 12:00	Take home message <i>Yogen Singh, Julia Natterer</i>
12:00 - 13:00	Lunch
13:00 - 16:00	HANDS-ON SESSION Hands-on in small groups
16:00 - 16:30	Test
16:30 - 17:00	Take home message and closing remarks <i>Nicole Sekarski, Sébastien Joye, Cécile Tissot, Yogen Singh, Julia Natterer</i>