

Airway Management Intensive Course

VinMec Healthcare system

Airway Management is a critical skill in Anesthesia and at the Emergency Department. It was the second cause of mortality in anesthesia in the year 1996 in France and 600 deaths in UK in 1990. 15 to 30 percent of the predictable difficult intubation was not identified.

In 2006 in one year survey of the mortality morbidity in France 6 patients died from preventable accidents due to airway

This course is designed to provide for the participants with the state of the art information and hands on experience to ensure effective and appropriate management of difficult and failed airways.

Vision

- To Improve and achieve a Centre of Clinical Excellence for VinMec Healthcare system in Anaesthesia, Intensive care and emergency medicine.
- To provide a good training to all the physicians and resident facing airway management in their daily practice.
- To update the guidelines for the material and medical devices needed in any healthcare institution where there is an eventuality of airway management.

Mission

- **Clinical Excellence**; to improve the existing setup and the safety in anaesthesiology, Intensive care, emergency department and in any place where there is an eventuality of airway management and to reach the perfection of 0 preventable accident
- **Education**: To create an educational and post graduate training program for the healthcare providers as anaesthesiologists, Intensivists, emergency doctors, any physicians performing conscious sedation and anaesthesia nurses of VinMec Healthcare system and further to extend this program to VietNam and to the region to receive residents and fellows to benefit of this program.

Value

This educational program will be based on

- The latest guidelines from
 - SFAR 2017
 - Difficult Airway society 2015
 - ASA 2013
- World key opinion leaders on the topic
 - Professor Karinne Nouette Gaulain University of Bordeaux
 - Doctor Jinbin Zhang University of Singapore
 - Doctor Shalindra Fathil From Malaysia

Airway Management Course is being organized by VinMec Healthcare system with the support of the University of Bordeaux, France and an Tock Seng Hospital, Singapore .
The course will be conducted in English with Vietnamese translation if needed

Faculty members

Professor Karine Nouette Gaulain MD PhD
University of Bordeaux - France

Dr Zinbin Zhang
University of Singapore

Dr Shahindra Fathil
Xxxx - Malaysia

Dr Viet Vu
Hanoi – Vietnam

Dr Philippe Macaire
Hanoi - Vietnam

Educational Program in Airway management and difficult intubation

Course objectives: Upon successful completion of the course, the Participant will be able to:

1. Know the latest international guidelines
2. Know all airways devices
3. Manage the normal airway
4. Anticipate and manage the predictable difficult airway or intubation.
5. Manage the unpredictable difficult airway or intubation.
6. Manage the extubation.
7. Perform a life saving crico-thyroidotomy
8. Knowing the basics of Lung Ultrasound assessment

**2 days intensive Course combining lectures, workshops simulation and observation
2 sessions per year**

Pre requirements to register:

- Residents, Interns and post graduate
- Anesthesiologists – Intensivists – Emergency Physicians

Participants: up to 20 doctors + 8 nurses maximum

CME Accreditation

xxxx CME credits by VinMec (#xxxx)

Educational material

Booklet or e-Book with:

- the algorithms
- the bibliography
- the policies
- the catalogue of the devices
- The speaker slides in PDF

Program second course

	Time	Location	Title	Speaker
Oct-26	8,30	Conf room	Badges + Welcome	Dr Lam Phung Director of education and research In VinMec Healthcare
	8,50	Conf room	Video - A patient at the emmergency department	
	9,00	Conf room	Difficult Airway Epidemiology and prediction	Karine Nouette Gaulain
	9,30	Conf room	Anticipated and unanticipated Difficult Airway : How to manage and algorithms	Philippe Macaire
	10,00	Conf room	How to improve oxygenation and prevent atelasia for anaesthesia induction	Karine Nouette Gaulain
	10,30	Coffee	BREAK	
	11,00	conf Room	New Anaesthesia Techniques for difficult Intubations	Karine Nouette Gaulain
	11,30	conf Room	Medications and anaesthesia techniques for Full Stomach Intubation	Karine Nouette Gaulain
	12,00	conf Room	US Lung Assessment Basic and pathologies	Shahridan Fathil
	12,30	Cantine	Lunch Break	
	13,30	Conf Room	Use of US for the Airway and intubation with a live model	Jinbin Zhang
	14,30	Conf Room	CICO to Cricothyroidotomy	Philippe Macaire
	15,00	Coffee	BREAK	
	Oct-27	15,30	Workshop 30 min	WS1 Cricothyroidotmy in 45 secondes
.		Workshop 30 min	WS2 Fiber optic and video Laryngoscope	Philippe Macaire
.		Workshop 30 min	WS4 US for Lung assessment	Shahridan Fathil
.		Workshop 30 min	WS 3 US for airway	Jinbin Zhang
17,30			End of the day 1	
8,00		Conf Room	Airway management in Obstetric	Viet Vu
8,30	Conf Room	US Lung Protocoles	Shahridan Fathil	
9,00	Conf Room	clinical cases with vote system	Jinbin Zhang	
	10,00	Coffee	Break	
	10,30	conf Room	essential medical devices for airway management in 2018	Karine Nouette Gaulain
	11,00	conf Room	Obese patient : How to manage and devices available	Jinbin Zhang
	11,30	conf Room	Intubation for facial trauma and intra buccal tumors	To Confirm k
	12,00	conf Room	Extubation after difficult intubation	Philippe Macaire
	12,30	Cantine	Lunch Break	
	13,30	Simulation center	case 1 Predictable difficult intubation	Ingenieer Simulation center + Karine, Zinbin & Philippe + ShaHindran
	14,00	Simulation center	case 2 Unpredictable difficultb intubation	
	14,30	Simulation center	Case 3 Unpredictable difficult intubation	
	15,00	Anesth room	Coffee break + Expo partenaires	
	15,30	Simulation center	Case 4 cannot intubate cannot ventilate	Ingenieer Simulation center + Karine, Zinbin & Philippe + Shahindran
	16,00	Simulation center	Case 5 Extubation after Difficult intubation	
	16,30	Simulation center	case 6 Problem during GA intubated ventilated	
	17,00	Simulation center	Certification	Karine Nouette Gaulain / Lam Phung
	17,30	Simulation center	End of the day 2	

Company providing their devices without any financial support devises

- Karl Storz (Video Laryngoscope – Fiber optic)
- Smith Medical (Tracheal Devices – Bougies – Tube exchanger)
- GE (US machine + Anaesthesia machines and monitor)

Venue

VinMec International Hospital – Hanoi
Simulation Center VinMec Healthcare system

- Conference room (classroom setting) for 30 persons and catering
- Workshops room for 10 people setting workshops x 3 rooms
- Simulation center
 - Scenarios 15 minutes delivered before march 20 and tested with
 - 3 from Karine Nouette Gaulain
 - 3 from Philippe Macaire
 - 1 from Jinbin Zhang
 - 1 From Shahindran Fathil
 - Rooms
 - Scenario room with a mannequin connected to vital sign monitoring
 - Cam to record the intervenants
 - Room to watch the scenario and debriefing

Dr Zhang Jinbin

Consultant, Department of Anaesthesiology, Intensive Care and Pain Medicine, Tan Tock Seng Hospital, Singapore

My interest is in improving the quality of airway management, and I have completed a one-year Fellowship Program in Difficult Airway Management at Dalhousie University, Halifax, Nova Scotia, Canada. I had the honour of working with Professor Orlando Hung, a prominent airway enthusiast and researcher and under his supervision, I was actively involved in teaching and research writing, and also assisted in the organization of an airway workshop conducted in Kigali, Rwanda. Upon return to Singapore, I have taken up the role as my department's airway lead and continue to be involved in airway education. I am also the course director of The Difficult Adult Airway Course, an annual airway workshop organized in collaboration with Khoo Teck Puat Hospital. My passion is airway education, to improve the skills set and knowledge of our colleagues in difficult airway management

Author and co Author of 10 International articles

Pr Karine Nouette Gaulain

MD PhD Professor of the University of Bordeaux
Head of Department of Anaesthesiology, Intensive Care
SFAR President of the Annual Meeting
Member of the National Council of the French Universities
Attached to INSERN Research Lab on rare diseases
Licensed to perform research on animals
See attached CV

Dr Shahindran Fathil

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