

Application	for Host	ing EAC1	ΓΑ Exchange Tra	ining Progra	amme in Critical	Care Medicine		
Institution's Name	Cent	re Hospital	lier Universitaire de	Montpellier				
Address	371 a	venue du De	oyen Gaston Giraud					
Departn	nent	Anesthe	siology and CCM	Website	www.chu-montpe	llier.fr		
City		Montpel	llier	ZIP code	Postal code 34	295		
Country		FRANC	FRANCE Phone +33467335958					
Fax		+334673	335812	Email p-gaudard@chu-montpellier.fr				
Programme Supe			Dr Gaudard Philip					
Name / Surname			эре					
Boar	d Certific	ation(s)	M.D.					
Title	'Affiliation	1	Chief section of Ir	Chief section of Intensive Care Unit				
Publ	ished Reso	earches in	PubMed					
Af Ap	ter Cardiac ter Cardiac ter; 126(4): 1 Gaudard P, rocardial ir teroual N, U patients: Gaudard P, Imonary A Colson PH, man V1, V Gaudard P, Idicenter S Gaudard P, cock. Crit C Machado S, ccessfully t CA/ESA/of	E Surgery α 234-1240. et al. Circu affarction. A et al. ScvO an observ et al. Effec rtery Flow Γ.0000000 et al. Terli 2 and V1E Colson PI- tudy. PLo et al. Mana are. 2015 α Gaudard reated by	or for Neonatal Indicate all ASAIO J. 2017 Decide a Changes after red-leading and the second study. Vox Second Sec	ECMO and/or 11. doi: 10.109 blood-cell trans ang. 2017 Oct Veno-Arterial -Tidal Carbon e prodrug recor ions for its safe ing after Cardi 1(9):e0162396 ie of patients su cardiac arrest i proporeal life sup	Impella for hemody. 7/ MAT.000000000 for anaemia 29. doi: 10.1111/vox Extracorporeal Men Dioxide. ASAIO J. 200 mmended in hepatorety profile. Pharmacotac Surgery: A Prosp. 201 proported with Impellanduced by Amanita prort. Minerva Anese process of the manita process.	in cardiothoracic and vascular x.12610. abrane Oxygenation on 2017 Sep 25. doi: enal syndrome, is an agonist of ol Res. 2016; 113(Pt A):257- ective Observational a 5.0 for refractory cardiogenic		
Email		p-gaudard@chu-n	p-gaudard@chu-montpellier.fr					
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		City	Montpellier		Region	Occitanie		
		Country	FRANCE		City/Zip code	34295		
		Phone	+33665849543		Fax	+33467335812		
	rvision for ts: Engli	sh or French	ws? of an attending		ovide substantial le ⊠ Yes	adership to the programme and □ No		
Preferred Duration Preferred Months	□ 1 wee		weeks □ 3 wee		weeks □ others	Please, describe		





vel ⊠ Junior ⊠ Experienced □ Very	Experienced	
or Vear		
er Year 9		
provided	☐ Yes	⊠ No
options are provided	☐ Yes	⊠ No
This opportunity is not funded by the centre	☐ Yes	⊠ No
support for the candidate:		
grant own expenses lick here to enter text. es of the Exchange Training Programme technical skills in perioperative management of cardiac, vacuus in cardiogenic shock with all technics of circulatory su Our center experiences each year about 750 cardiac 10 to 15 LVAD implantations, 80 VA-ECMO (ECL We take care of surgical patients (high risk surgerie	surgery with CPB, S), 10 VV-ECMO, s, postoperative con	20 heart transplantations, 15 Impella. aplications) and medical
Not applicable		
 Book chapter: Severe acute bleeding after Anesthésie-Réanimation en chirurgie car 401) Book chapter: Non-cardiac anaesthesia from JEPU 2018 (121-129) 	rdiaque. JL Fellahi.	2° Edition. Arnette (391-
elle s — C — C — die	d grant s own expenses Click here to enter text. Tes of the Exchange Training Programme d technical skills in perioperative management of cardiac, valents in cardiogenic shock with all technics of circulatory su Our center experiences each year about 750 cardiac 10 to 15 LVAD implantations, 80 VA-ECMO (ECI We take care of surgical patients (high risk surgerie patients (mainly cardiogenic shock) in a 14 beds IC Anesthesia Care Unit Not applicable Pook chapter: Severe acute bleeding after Anesthésie-Réanimation en chirurgie cardiolity Anesthésie-Réanimation en chirurgie cardiolity Book chapter: Non-cardiac anaesthesia ferre de la contraction de	This opportunity is not funded by the centre

Resource	Yes	Number	Working days per week
Number of working days per week.			7
Total dedicated ICU beds for cardiac, thoracic, and vascular surgery.		14	7
Total dedicated PACU beds for cardiac, thoracic, and vascular surgery.		8	7
Post-anaesthesia care unit for cardiac, thoracic, and vascular surgery.	\boxtimes	8	7
Monitoring and advanced life support equipment.	\boxtimes	6 ECMO 3 Impella	7
Interventional ICU facility.	\boxtimes		7
24-hours ICU service available for patients undergoing cardiac, thoracic, and vascular surgery.	\boxtimes		7
Meeting Rooms.	\boxtimes	1	7





Resource	Yes	Number	Working days per week
Classrooms with visual and other educational aids.		1	5
Study areas for trainees.	\boxtimes	1	7
Office space for faculty members and trainees.	\boxtimes	1	7
Diagnostic facilities.	\boxtimes		7
Therapeutic facilities.	\boxtimes		7
24-hour laboratory services available in the hospital.			7

Clinical Training

Number of cases in the CVICU / week \geq 10 procedures	1 – 7 days	20-25 / Week
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Academic Education

Patient Care

Competency Area	Settings/Activities
Following the standards for patient care and established guidelines and procedures for patient safety, error reduction, and improved patient outcomes.	YES
Patient evaluation and optimisation of clinical status in the ICM settings.	YES
Interpretation of cardiovascular, respiratory, coagulation and neuromonitoring data.	YES (Swan Ganz, PICCO, TEG, NIRS)
Pharmacological and mechanical circulatory support.	YES (Levosimendan, ECLS, Impella, Centrimag)
Pharmacological and respiratory support.	YES (iNO, VV-ECMO)
Renal replacement therapy.	YES (CRT with heparin or citrate)
Peri-operative critical care, including ventilatory support and peri-operative pain management.	YES

Medical Knowledge

Indicate the activity(ies) (lectures, conferences, journal clubs, clinical teaching rounds, etc.) in which trainees will demonstrate knowledge in each of the following areas. Also indicate the method(s) used to assess competence.

Area of Knowledge	Settings/Activities
How cardiothoracic diseases affect the administration of life support to adult cardiothoracic patients.	Daily medical meeting about ongoing patients.
Pathophysiology, pharmacology, and clinical management of patients with cardiac disease, to include cardiomyopathy, heart failure, cardiac tamponade, ischaemic heart disease, acquired and congenital valvular heart disease, congenital heart disease, electrophysiologic disturbances, and neoplastic and infectious cardiac diseases.	1
Pharmacokinetics and pharmacodynamics of medications prescribed for management of haemodynamic instability.	Daily medical meeting about ongoing patients.
Pharmacokinetics and pharmacodynamics of inotropic, chronotropic, vasoconstricting, and vasodilating medications.	Daily medical meeting about ongoing patients.
Circulatory assist devices, to include intra-aortic balloon pumps, left and right ventricular assist devices, and extracorporeal membrane oxygenation (ECMO).	Daily medical meeting about ongoing patients. Simulation sessions.
Post-anaesthetic critical care of adult cardiothoracic surgical patients.	Daily medical meeting about ongoing patients.
Peri-operative ventilator management, to include intra-operative anaesthetic s, and critical care unit ventilators and techniques.	Daily medical meeting about ongoing patients.
Quality assurance/ improvement.	Daily medical meeting about ongoing patients.
Ethical and legal issues, and practice management (e.g. care of end of life).	Daily medical meeting about ongoing patients. Ethical issues with nurses

Evaluation of Trainees

1. T	he Programme	Supervisor	will give a	n appraisal fo	r each fellow	following t	he observership. 🛭	Yes		No
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2. The centre will be able to	maintain a	register of those	fellows who have	entered and	successfully	completed a
training programme.	⊠ Yes	□ No				

Other Comments:

Mobil unit for circulatory support and hotline 24/24 for VV-ECMO or VA-ECMO demands from other
hospitals in the area.

To be completed by the Head of department or the authorised deputy.

Please fill in all required fields and send to $\underline{eacta@aimgroup.eu}$

<u>Submit</u>

