Aaraugische Fachschule für Anaesthesie-Intensiv-und-Notfallpflege (AFASIN), Aarau, Switzerland

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IFNA Accreditation (level 3) effective May 2019 – May 2024

After applying for renewal the program was evaluated following the renewal process described in the International Federation of Nurse Anesthetists ANESTHESIA PROGRAM APPROVAL PROCESS (APAP): OPERATIONAL POLICIES AND PROCEDURES (pg. 10).

A current curriculum was presented to actualize the information about the program. Following the review of all information, renewal of Accreditation was granted based on the program's meeting eligibility requirements, ability to comply with the IFNA Education Standards.

Initial IFNA Accreditation	May 2014
Renewal:	May 2019
Accreditation valid until	May 2024

Degree/ Diploma / Certificate awarded: State Diploma in Nurse Anesthesia

AIE = Anes	thesia + intensive + emergency care (common subjects)	Semester 1 (2)/3/4 AIE A				
A = Ane	esthesia care			(2)/3	(2)/3/4	
In blue:	newly introduced subjects			Α		
No	Subject	Contact		Contact	Self-	
		hours	study	idy hours study	study	
0100	Social behaviour					
0102	Seminar crisis intervention & coping			8	2	
0200	Personal health					
0203	Legal aspects in anesthesia			2		
0210	Burnout / addiction / suicide in anesthesia			2		
0300	Organization					
0301	Scope of practice / organization	4	1			
0302	Evidence based practice / literature search			2	1	

0304Knowledge management / self - learning methods210305Scope of practice of the expert in anesthesia care PET210306Disaster medicine210307Quality management, evidence based practice210308Preclinical medicine & equipment / ambulance service410309Organization, administration, documentation, CIRS210400Heart/ Circulation4210401BLS and ACLS8110402Anatomy physiology of the heart and blood circulation4210403ECG basics4110404ECG rhythm- interpretation10410405Cardiac failure2210406Monitoring of the heart and circulation4210407Lung embolism, heart failure2210408Patho-physiology of the heart2110409Shock types2210410Vasoactive and cardiac drugs2210413Anesthesia in vascular surgery2210406Bisland circulatory diseases6310407Lung embolism, heart failure2210418Pediatric anesthesia, neonatal resuscitation4210419Erenceparative monitoring2110420Perioperative monitoring21	0303	Questions and answers concerning thesis			5	1
0306Disaster medicine210307Quality management, evidence based practice210308Preclinical medicine & equipment / ambulance service410309Organization, administration, documentation, CIRS210400Heart/ Circulation210401BLS and ACLS8110402Anatomy physiology of the heart and blood circulation4210403ECG basics41110404ECG rhythm- interpretation104210405Cardiac failure22110406Monitoring of the heart and circulation42110407Lung embolism, heart failure22110408Patho-physiology of the heart21110409Shock types221110409Shock types221110410Vasoactive and cardiac drugs221110415Anesthesia in vascular surgery22111	0304	Knowledge management / self - learning methods	2	1		
0307Quality management, evidence based practice210308Preclinical medicine & equipment / ambulance service410309Organization, administration, documentation, CIRS210400Heart/ Circulation210401BLS and ACLS8110402Anatomy physiology of the heart and blood circulation4210403ECG basics411100404ECG rhythm- interpretation104210405Cardiac failure221100406Monitoring of the heart and circulation421100407Lung embolism, heart failure221100409Shock types2221100410Vasoactive and cardiac drugs2221100411Vasoactive and cardiac drugs22110100415Anesthesia in vascular surgery2211100416Simulator training ACLS81111110417Heart and circulatory diseases633111110419Emergency patient, multiple trauma, shocks, burns821111111111111111111111<	0305	Scope of practice of the expert in anesthesia care PET			2	1
O308Preclinical medicine & equipment / ambulance service410309Organization, administration, documentation, CIRS210400Heart/ Circulation210401BLS and ACLS8110402Anatomy physiology of the heart and blood circulation4210403ECG basics41110404ECG rhythm- interpretation104210405Cardiac failure22110406Monitoring of the heart and circulation42110407Lung embolism, heart failure22110409Shock types221110409Shock types221110410Vasoactive and cardiac drugs221110416Simulator training ACLS811110417Heart and circulatory diseases633110418Pediatric anesthesia, neonatal resuscitation421110420Perioperative ECG-diagnostics2211110421Perioperative ECG-diagnostics22111110422Perioperative monitoring21111111111111111 <t< td=""><td>0306</td><td>Disaster medicine</td><td></td><td></td><td>2</td><td>1</td></t<>	0306	Disaster medicine			2	1
0309Organization, administration, documentation, CIRS210400Heart/ Circulation210401BLS and ACLS8110402Anatomy physiology of the heart and blood circulation4210403ECG basics41110404ECG rhythm-interpretation104210405Cardiac failure22110406Monitoring of the heart and circulation42110407Lung embolism, heart failure22110408Patho-physiology of the heart21110409Shock types222110409Shock types222110415Anesthesia in vascular surgery221110416Simulator training ACLS81111110418Pediatric anesthesia, neonatal resuscitation422110419Emergency patient, multiple trauma, shocks, burns822110420Perioperative ECG-diagnostics221110421Perioperative ECG-diagnostics22110422Perioperative monitoring2111104319Respiration/ Ventilation421110432 </td <td>0307</td> <td>Quality management, evidence based practice</td> <td></td> <td></td> <td>2</td> <td>1</td>	0307	Quality management, evidence based practice			2	1
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0404ECG rhythm- interpretation1040405Cardiac failure2220406Monitoring of the heart and circulation4220407Lung embolism, heart failure2220408Patho-physiology of the heart2110409Shock types2220410Vasoactive and cardiac drugs2220415Anesthesia in vascular surgery2210416Simulator training ACLS810417Heart and circulatory diseases630418Pediatric anesthesia, neonatal resuscitation420420Perioperative ECG-diagnostics2210421Perioperative ECG-diagnostics2210502Anatomy, physiology of the lungs and the respiration4210503Respiratory failure221	0402	Anatomy physiology of the heart and blood circulation	4	2		
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0409Shock types2220410Vasoactive and cardiac drugs2220415Anesthesia in vascular surgery2210416Simulator training ACLS2810417Heart and circulatory diseases630418Pediatric anesthesia, neonatal resuscitation420419Emergency patient, multiple trauma, shocks, burns8210420Perioperative ECG-diagnostics210421Perioperative monitoring210501ABGA6320502Anatomy, physiology of the lungs and the respiration420503Respiratory failure22	0407	Lung embolism, heart failure	2	2		
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O415Anesthesia in vascular surgeryImage: Constraint of the second	0409	Shock types	2	2		
O416Simulator training ACLS81O417Heart and circulatory diseases63O418Pediatric anesthesia, neonatal resuscitation42O419Emergency patient, multiple trauma, shocks, burns82Ethics in anesthesia21O420Perioperative ECG-diagnostics21O421Perioperative monitoring21O500Respiration/ Ventilation6320501ABGA6320503Respiratory failure221	0410	Vasoactive and cardiac drugs	2	2		
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O418Pediatric anesthesia, neonatal resuscitationImage: Constraint of the system	0416	Simulator training ACLS			8	1
0419Emergency patient, multiple trauma, shocks, burns82Ethics in anesthesia2210420Perioperative ECG-diagnostics210421Perioperative monitoring210500Respiration/ Ventilation210501ABGA6320502Anatomy, physiology of the lungs and the respiration4220503Respiratory failure221	0417	Heart and circulatory diseases			6	3
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O500Respiration/ Ventilation0501ABGA0502Anatomy, physiology of the lungs and the respiration0503Respiratory failure22	0420	Perioperative ECG-diagnostics			2	1
0501ABGA630502Anatomy, physiology of the lungs and the respiration420503Respiratory failure22	0421	Perioperative monitoring			2	1
0502Anatomy, physiology of the lungs and the respiration420503Respiratory failure22	0500	Respiration/ Ventilation				
0503 Respiratory failure 2 2	0501	ABGA	6	3		
	0502	Anatomy, physiology of the lungs and the respiration	4	2		
0504 Treatment of respiratory failure 2 2	0503	Respiratory failure	2	2		
	0504	Treatment of respiratory failure	2	2		

0505	Basics of ventilation	4	2		
0506	Symptoms and treatment respiratory failure	4	3		
0507	Thoracic drainage	2	1		
0508	Endotracheal intubation and airway devices			4	1
0509	Carbo-acid absorption, capnometry, oxymetry			2	1
0510	Ventilation in anesthesia / technical aspects of respirators			4	1
0511	Pharmacocinetics of volatile anaesthetics			4	1
0512	Anesthesia in thoracic surgery			2	1
0520	ABGA (advanced)			4	1
0523	Anesthesia in patients with respiratory diseases			2	1
0600	Central and peripheral nervous system	1			
0601	Neurological monitoring	2	1		
0602	Pain physiology and management	4	1		
0603	Vegetative nervous system	2	2		
0606	Epilepsy	2	1		
0611	Strokes	2	1		
0612	Anesthesia in ophthalmology and ENT			2	1
0613	Local- spinal- epidural anesthesia			4	1
0624	Neuro - psychology	2	1		
0700	Fluid- and electrolyte balance, kidneys				
0701	Anatomy physiology of the kidneys	4	2		
0702	Fluid therapy	2	1		
0703	Fluid - and electrolyte balance	2	2		
0704	Anesthesia in urology			2	1
0705	Liver disease and renal failure			4	1
0706	Perioperative fluid therapy			4	1
0707	Pathophysiology of the kidneys	2	1		
0800	Hygiene and Infection control				
0801	Hygiene	2	1		
0802	Infection control / antibiotics / antiseptics	4	2		
0804	Asepsis and hygiene in the OR			4	1

0901Physiology and pathophysiology of coagulation, fibrinolysis0902Blood- and fluid replacement0903Perioperative blood replacement1000Intestinal organs/ nutrition/ digestion1003Ileus1010Gastrointestinal pathology1100Endocrine system1101Endocrinology1102Anesthesia in endocrine- and metabolic diseases1200Skin/ skeleton/ muscles1202Thermoregulation: Hypo- und hyperthermia1203Multiple trauma (advanced)1206Patient positioning and thermic regulation	s 4 2 4 4 4 4	2 2 2 2 2 2 2	2 2 4	
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1101 Endocrinology 1102 Anesthesia in endocrine- and metabolic diseases 1200 Skin/ skeleton/ muscles 1202 Thermoregulation: Hypo- und hyperthermia 1203 Multiple trauma (advanced)		2	4	
1102 Anesthesia in endocrine- and metabolic diseases 1200 Skin/ skeleton/ muscles 1202 Thermoregulation: Hypo- und hyperthermia 1203 Multiple trauma (advanced)		2	4	
1200Skin/ skeleton/ muscles1202Thermoregulation: Hypo- und hyperthermia1203Multiple trauma (advanced)	2		4	
1202 Thermoregulation: Hypo- und hyperthermia 1203 Multiple trauma (advanced)	2			1
1203 Multiple trauma (advanced)	2			
	2	1		
1206 Patient positioning and thermic regulation	2	1		
			4	1
1300 Various				
1301 Pharmacology : Pharmacocinetics, pharmacodynamics	2	1		
1304 Anesthesia in obese patients			2	1
1305 Anesthesia in outpatients			2	1
1306 Anesthesia in minimal invasive surgery			1	1
1307 Future trends in anesthesia			4	1
1308 Risks and complications in anesthesia			4	2
1309 Geriatric patients			2	1
1310 History of anesthesia			2	
1311 Anesthesia in gynecology, obstetrics and pregnancy			4	2
1312 Inhalative anesthesia / volatile anaesthetics			4	2
1313 Intravenous anesthesia/ iv anesthetics			4	2
1314 Long term anesthesia			1	1
1315 Anesthesia theories and types of anesthesia			2	1
1316 Anesthesia in neurosurgery and brain trauma			4	2
1317 Opioids in anesthesia			2	1
1318 Pharmacology : Pharmacocinetics, pharmacodynamics			8	4

1319	Postoperative problems at the recovery unit, PONV			2	1
1320	Pre-assessment / postanesthetic assessment			4	1
1321	TCI			4	1
1322	Deepening synthesis and case studies			24	4
1339	Radiation protection for nurse anesthetists			2	1
1340	CIRS			8	1
1343	Preparation for colloquium			4	1
1344	Basics sedative agents	2	1		
1345	Basics opioids	2	1		
	Exam: written	4		6	
	Thesis			3	
	TOTAL	126	65	221	69