

**Aargauische 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 = Anesthesia + intensive + emergency care (common subjects)

A = Anesthesia care

In blue: newly introduced subjects

		Semester			
		1		(2)/3/4	
		AIE		A	
No	Subject	Contact hours	Self - study	Contact hours	Self-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

0303	Questions and answers concerning thesis			5	1
0304	Knowledge management / self - learning methods	2	1		
0305	Scope of practice of the expert in anesthesia care PET			2	1
0306	Disaster medicine			2	1
0307	Quality management, evidence based practice			2	1
0308	Preclinical medicine & equipment / ambulance service			4	1
0309	Organization, administration, documentation, CIRS			2	1
0400	Heart/ Circulation				
0401	BLS and ACLS	8	1		
0402	Anatomy physiology of the heart and blood circulation	4	2		
0403	ECG basics	4	1		
0404	ECG rhythm- interpretation	10	4		
0405	Cardiac failure	2	2		
0406	Monitoring of the heart and circulation	4	2		
0407	Lung embolism, heart failure	2	2		
0408	Patho-physiology of the heart	2	1		
0409	Shock types	2	2		
0410	Vasoactive and cardiac drugs	2	2		
0415	Anesthesia in vascular surgery			2	1
0416	Simulator training ACLS			8	1
0417	Heart and circulatory diseases			6	3
0418	Pediatric anesthesia, neonatal resuscitation			4	2
0419	Emergency patient, multiple trauma, shocks, burns Ethics in anesthesia			8	2
0420	Perioperative ECG-diagnostics			2	1
0421	Perioperative monitoring			2	1
0500	Respiration/ Ventilation				
0501	ABGA	6	3		
0502	Anatomy, physiology of the lungs and the respiration	4	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	Pharmacokinetics 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				
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

0900	Blood and blood replacement				
0901	Physiology and pathophysiology of coagulation, fibrinolysis	4	2		
0902	Blood- and fluid replacement	2	2		
0903	Perioperative blood replacement			2	1
1000	Intestinal organs/ nutrition/ digestion				
1003	Ileus			2	1
1010	Gastrointestinal pathology	4	2		
1100	Endocrine system				
1101	Endocrinology	4	2		
1102	Anesthesia in endocrine- and metabolic diseases			4	1
1200	Skin/ skeleton/ muscles				
1202	Thermoregulation: Hypo- und hyperthermia	2	1		
1203	Multiple trauma (advanced)	2	1		
1206	Patient positioning and thermic regulation			4	1
1300	Various				
1301	Pharmacology : Pharmacokinetics, 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 : Pharmacokinetics, 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