S23en Peter 15 years old (drowning)				MUNT	SIMU	
Peter and his friends were swimming in the local			Particinant: 3x	MED	U I W U	
river	. While boys had been diving into the wa	1				
Peter didn't swim out after his jump. His friends			Normal values at age:		notes	
pulled him out of the water after about 5			Weight: 60 kg			
minutes. One friend starts chest compressions,			Respiratory rate: 12-15/min			
the other one calls EMS. Peter does not respond,			Heart rate: 60- 80/min			
the dispatcher starts assisted CPR over the			Blood pressure syst. 120			
phone.			Blood pressure mean 75			
Quick Look: B1 unresponsive B2 not breathing B3 cyanotic						
Initial clinical status (simulation) Monitor setup						
A	clear airways	1	Sp02 unmesurable			
В	apnea					
C	without signs of life, central	C	once connected to monitor:			
C	pulsations are not palpable	C	pulseless electrical activity - HR 30/i	min		
D	GCS 3, AVPU - U, pupils 2-/2-	-	BP 0/0, EtCO2 4 mmHg	,		
			BF 0/0, EtCO2 4 mining			
E	cold and wet skin					
- ·	cted actions:					
1.	zastavení probíhající laické KPR - zhodnocení stavu -obnovení KPR					
1.	Checkin for signs of life when overtaking CPR from bystanders					
	AB: C-spine protection					
	AB: checking AW, jaw thrust, BMV, FiO2 100%					
4.	C: chest compression (15:2)					
5.	C: IV acces / IO acces					
6. 7	Drying chest before attaching the electrodes of defibrilator					
		rth rythm recognition (PEA)				
8. Once ROSC: ABCDE examination and interventions						
Notes on the simulation process (simulation development):						
peripheral venous catheter fails to be inserted						
intraoseus acces is inserted OK						
ROSC: after 4 minutes (2 cycles) of ALS AND administration of Adrenalin						
ROSC: HR 84 /min (sinus rythm), RR 8 /min (need for BMV), SpO2 92%, BP 90/45, central pulsess palpatable						
Start of the simulation:						
Dispatcher from the radio to the ambulance driver: "A 15-year-old boy, a jump into natural water, drowning, he is unresponsive. You've just arrived."						
Take home message:						
1. Drowning Guidelines begins with 5 breaths.						
2. Risk of C-spine trauma. While CPR the priority is securing AW before the C-spine trauma						
3. Advanced Airway options while CPR						
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S23en: Checklist for SIMU technician							
Simulation room + basic setting: Outdoor scene with ambulance							
Pacient:	Simulator type:						
✓ patient simulátor:	Trauma Hal						
standardized patient							
✓ other simulator:	SkillQube						
figurant SIMU:							
setting							
Patient monitor:SpO2EtCO2EKGNIBPIBPTOFTempother:							
A: O2 nasal canule O2 mask O2 mask with reservoir hi-flow mask							
airway DLM OTI TSC NIV vel.:							
B: 02 I/min							
parameters of ventilation:							
C: PVC 1 PVC 2 CVC	Dialisys can. ART urin. cat. other:						
	Camouflage:						
wet swimming suit, wet chest							
jackets for rescuers and bystander							
documentation	claricitation						
laboratory results in Simstation	Clarification						
□ laboratory results on the scene							
multimedia in SimStation							
other documentation on the scene							
within reach, ready beyond the basic setting							
bags for rescuers							
intraoseus acces device							
towel							
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S23en - Participant 1 - EMS doctor

You are an EMS doctor. You get a call from the dispatcher who sends you to a nearby river (arrival within 8 minutes) - to the place where boys pulled Peter out of the water - as Peter jumped into the water and remained under the surface for about 5 minutes: He has not been responding. His friend immediately started chest compressions, the other called EMS in parallel. The simulation starts in the ambulance - you are immediately on the spot. You have a paramedic at hand.

S23en Participant 2 - paramedic

You get a call from the dispatcher to go to a nearby river (within 8 minutes) - to the place where Peter was pulled out of the water by his friends after jumping into the water. He remained under the surface for about 5 minutes: He has not been responding, his friend immediately started chest compressions, the other called EMS in parallel. You arrive at the site during the 4th cycle of lay CPR. The simulation starts in an ambulance.

You have a headset in your ear, that the lector can use to talk to you. Follow his instructions.

S23 Participant 3 - bystander

You are one of Peter's friends (15 years old) - you and your friends pulled Peter out of the water after about 5 minutes since he had jumped into the water and did not swim up. You know lay CPR and have started chest compressions - no breathing. After your other friend called EMS, you continue CPR as instructed by the dispatcher - 30:2 until the arrival of the EMS (Mouth-to-mouth breaths are only imitated, they are effective). The mobile phone is placed on on the ground and uses loudspeaker (simulation only). The simulation has started for you from the loudspeaker in the form of TANR.