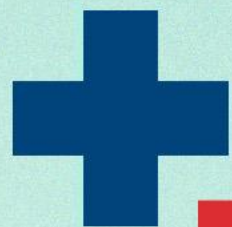


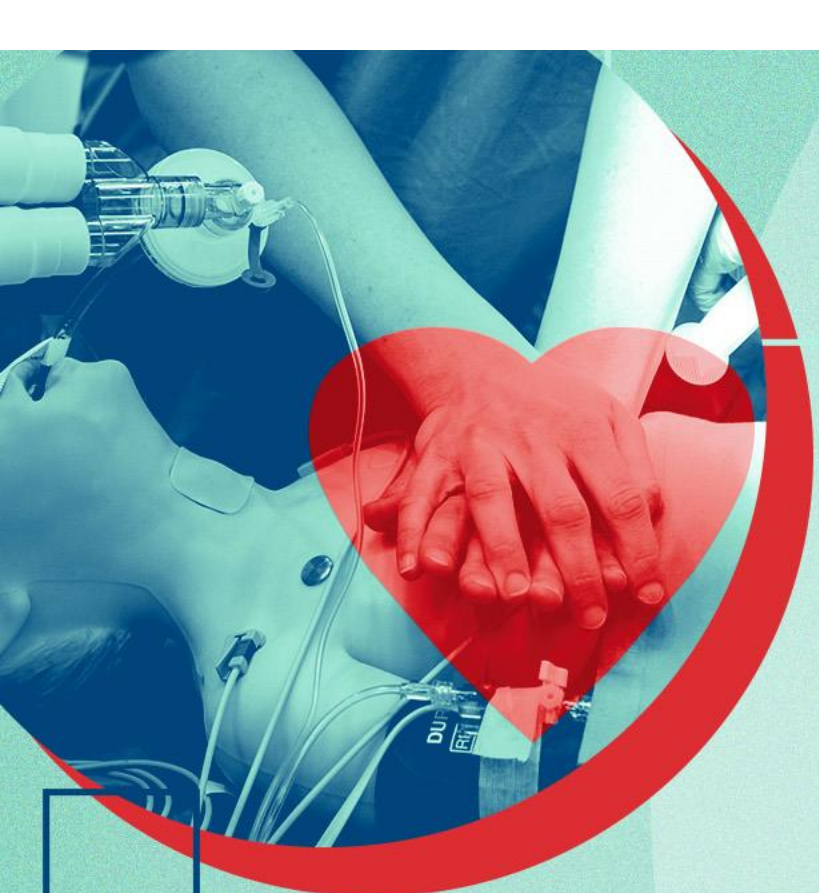


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ČESKÉ RESUSCITAČNÍ RADY



RESUSCITACE 2025

RESUSCITACE
V ROCE GUIDELINES



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Poděkování

- Účastníci
- Organizační výbor symposia
- Vědecký výbor symposia
- ALCI
- Partneři ČRR a sympozia
- Spoluautoři doporučených postupů ERC 2025
- Všichni, na jejichž ramenou stojí výše uvedení



 ČRR

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ETHICS IN
RESUSCITATION



ADULT ADVANCED
LIFE SUPPORT

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EDUCATION FOR
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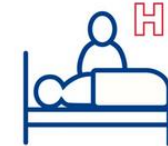
PAEDIATRIC LIFE
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SYSTEMS SAVING
LIVES

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POST-RESUSCITATION
CARE

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NEONATAL LIFE
SUPPORT

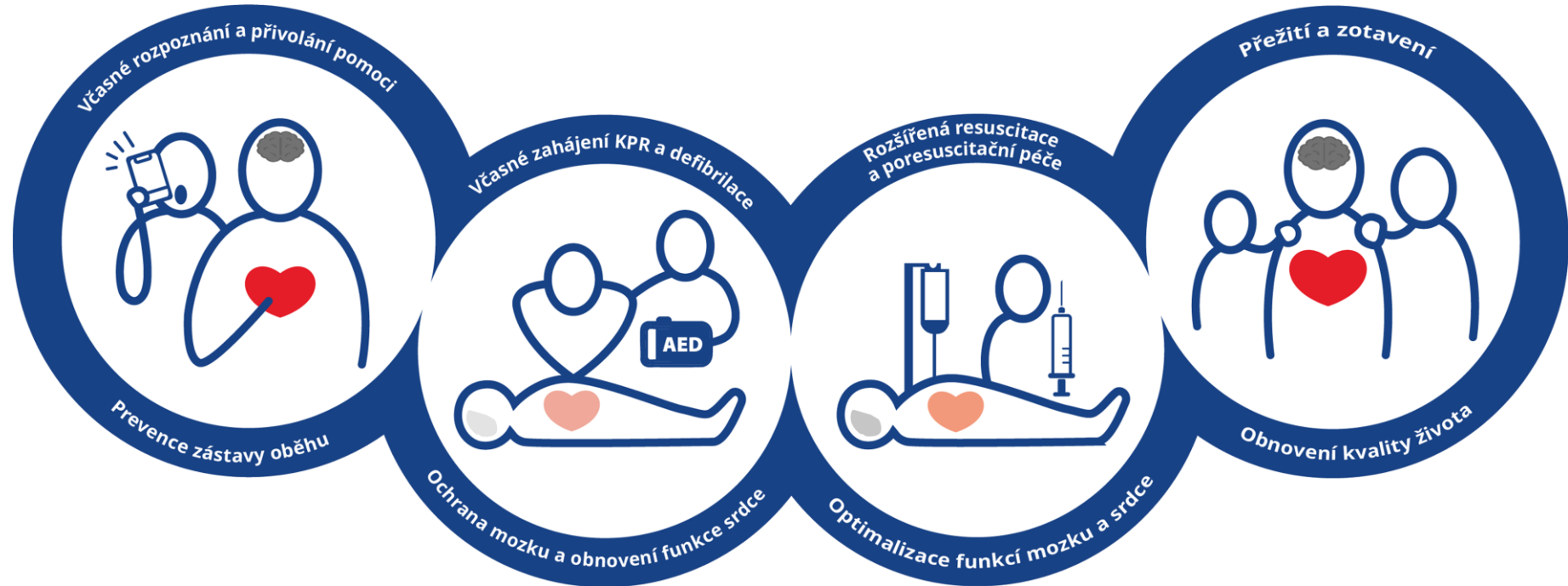
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Od přežití k životu



Nové infografiky, algoritmy, videa...

ABCDE APPROACH IN PAEDIATRIC LIFE SUPPORT

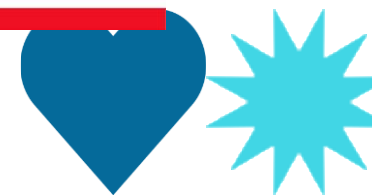
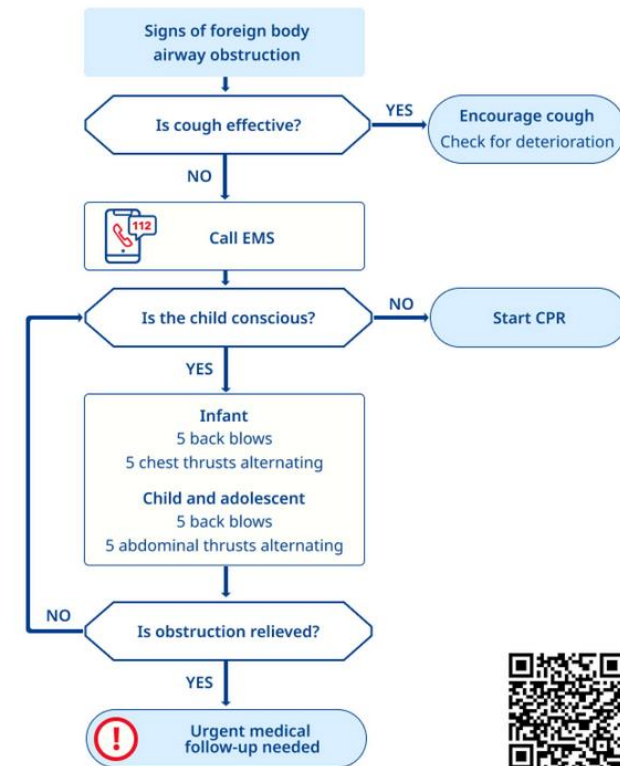
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	A - Airway 	B - Breathing 	C - Circulation 	D - Disability 	E - Exposure 
Recognition	- Partial or total airway obstruction - Look-listen-feel for air entry and chest rise	- Respiratory failure - Respiratory rate, work of breathing, tidal volume, oxygenation	- Shock and its type - Pulse rate, pulse volume, peripheral perfusion, blood pressure, preload, rhythm	- Neurological failure - Posture, pupils, AVPU, pGCS, lateralisation, tone, seizures	- Special circumstances - Exposure and physical examination
Monitoring & Investigations		SpO₂, EtCO₂, ABG, POCUS	- ECG-monitor, NIBP 12-lead ECG, POCUS, POC blood samples incl. lactate, urine output	Blood glucose	- Body temperature - AMPLE
Treatments & considerations	Suction, foreign body removal, basic manoeuvres for positioning, oropharyngeal or nasopharyngeal airways, supraglottic devices (intubation, FONA)	- Oxygen + titration of FiO₂ - Bag-mask ventilation - Mechanical ventilation - ECMO	- IV/IO, isotonic crystalloids, blood products - Vasopressors, inotropes - Treatment of arrhythmias - Specific interventions according to the type of shock, incl. ECMO	- Neuroprotective strategies (treat seizures & hypoglycaemia, analgesia, sedation) - Signs of paediatric stroke or neuroinfection	- Antibiotics, antivirals - Treatments and interventions for special circumstances - Avoiding and treating hypothermia and hyperthermia - Child abuse & neglect
Goals	Airway allowing for adequate oxygenation and ventilation	- Adequate oxygenation - Adequate ventilation	Adequate organ perfusion, SBP & MAP above 5th percentile	Neuroprotection	Identification of underlying disease
High risk of sudden CA	Airway obstruction	Unstable or silent chest, tension pneumothorax	Exsanguinating haemorrhage, tamponade	Intracranial hypertension	Hypothermia, severe trauma

Recognise emergency, support organs, treat

ADULT BASIC LIFE SUPPORT KEY MESSAGES

FONA – Front of the neck airway, CA – cardiac arrest, SpO₂ – peripheral oxygen saturation, EtCO₂ – end-tidal carbon dioxide, FiO₂ – fraction of inspired oxygen, ABG – arterial blood gas, POCUS – point of care ultrasound, POC – point of care, ECMO – extracorporeal membrane oxygenation, ECG – electrocardiography, NIBP – non-invasive blood pressure, AVPU – Alert Voice Pain Unresponsive, pGCS – paediatric Glasgow coma scale, AMPLE – Allergy Medication Past history Last meal, Exposure/Environment



Ocenění za celoživotní přínost oboru





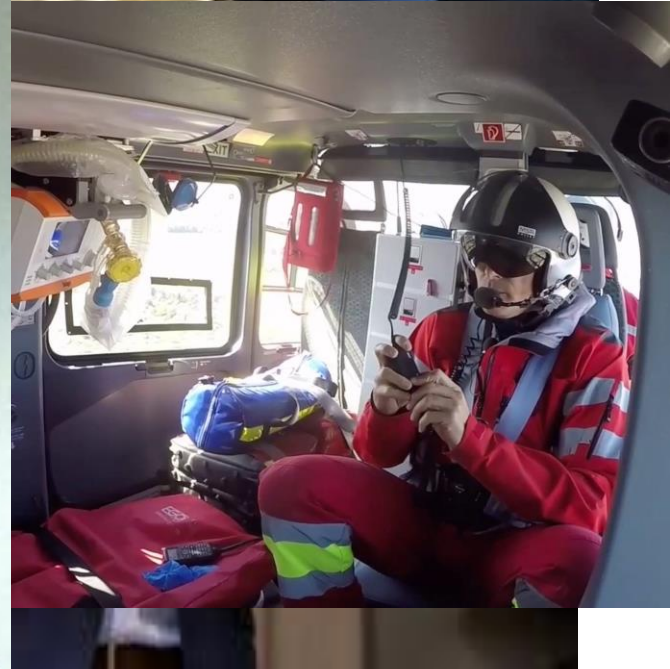
Česká resuscitační rada
Czech Resuscitation Council

MUDr.
Anatolij Truhlář,
Ph.D., FERC





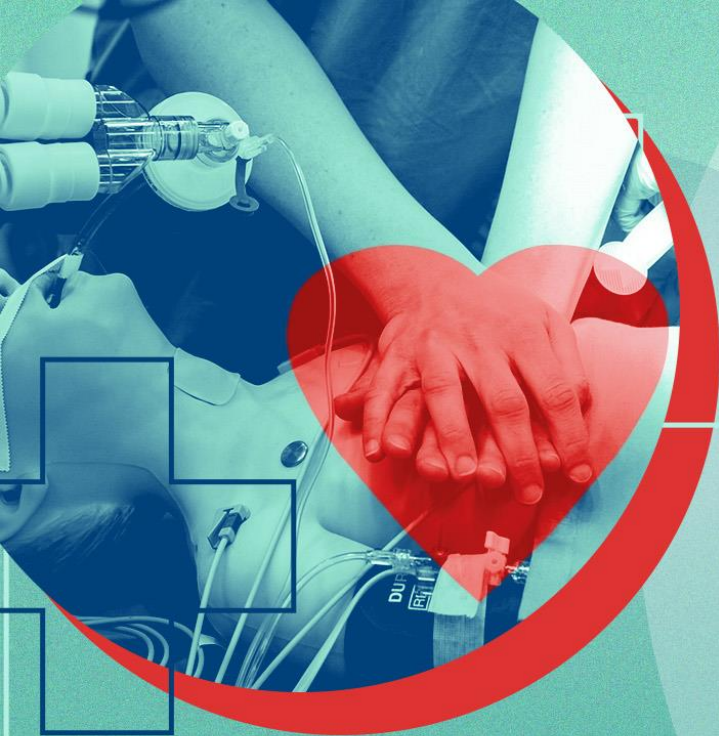






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