

INTRODUCTION

Definition of death
Brain death (Weber, 2016)
Absence of blood circulation (Směrnice Evropského parlamentu a Rady 2010/45/EU)
Transplantation Act (zákon č. 285/2002 Sb.)
Amendment to Transplantation Act No. 44/2013 in the Czech Republic (zákon č. 44/2013 Sb.)

Process of organs' removal from NHBD/DCD
Preparation of future NHBD/DCD under the supervision of ICU team
Preparation of transplantation team (vyhláška č.115/2013 Sb., vyhláška č. 114/2013 Sb.)



IDENTIFICATION OF POTENTIAL DONOR

Maastricht classification	Presentation of death	Description	Organs procurable
I	Dead on arrival	Uncontrolled	Tissue (heart valves, cornea)
II	Unsuccessful resuscitation	Uncontrolled	Kidney
III	Awaiting cardiac death	Controlled	All organs except heart
IV	Cardiac arrest in brain dead donor	Controlled	All organs except heart
V	Unexpected cardiac arrest in a hospital inpatient	Uncontrolled	All organs except heart

Tab. 1. Maastrichtův klasifikace úmrtí (Lorenz, 2006)

EXTUBATION OF NHBD/DCD

Endotracheal tube does not influence the interval between death and organ removal
Irreversible cardiac arrest (zákon č. 44/2013 Sb.)
ECG, ECHO (absence of pulses), invasive monitoring of blood pressure (absence of pulse curve)

No touch interval (5-10min) – confirmation of irreversibility
Nobody does anything
Nobody touches the patient

Účinek č. 395/2002 Sb., doplněný paragraf článek 1, 2018, 2018, doplněný paragraf článek 1, 2013

DECLARATION OF DEATH BRAIN DEATH

Heart-beating-donor – HBD

Certificate of death:

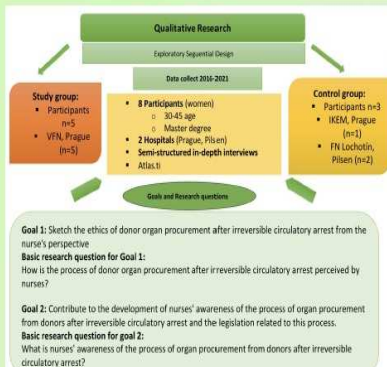
- 1x Angiography
- Brain perfusion scintigraphy
- Photoreaction and corneal reflex bilaterally
- Motonic response to aortic n. trigeminus bilaterally
- Coughing reflex associated with endotracheal tube
- Apnoe, GCS

IRREVERSIBLE CARDIAC ARREST

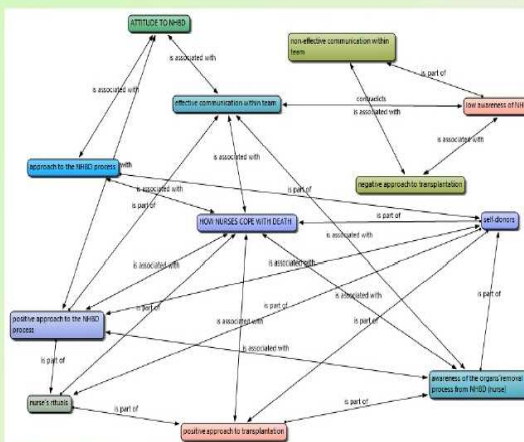
Non-heart-beating-donor – NHBD Donation after Cardiac Death – DCD

There is no effective treatment
Transition to palliative care

QUALITATIVE STUDY DESIGN



RESULTS



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