

21. EXTRACORPOREAL BLOOD PURIFICATION¹

Level I

Department of Health Sciences (DSS)

Course coordinator

Gianluca Villa

STUDY PLAN

Subject	ACADEMIC DISCIPLINE:	CREDITS
Acute kidney damage (integrated subject)		6
Definitions, epidemiology, and pathophysiology of kidney damage	MED/41	3
Pathophysiology of renal functional reserve and kidney transplantation	MED/14	3
Renal replacement (integrated subject)		24
Basic principles of renal replacement therapies	MED/41	3
Therapeutic indications and clinical nursing of renal replacement therapies	MED/45	3
Initiation, maintenance, and discontinuation of renal replacement therapies	MED/41	3
The concept of "dose" in renal replacement therapies	MED/41	3
Clinical applications of renal replacement therapies	MED/41	6
Renal replacement therapies during sepsis	MED/41	3
Pharmacological aspects related to renal replacement therapies	MED/41	3
Multi-organ damage in resuscitation (integrated subject)		9
Pathophysiology of organ dysfunction	MED/41	3
Therapies to support liver function	MED/41	3
Therapies to support pulmonary function	MED/41	3
Organ support and end of life in resuscitation (integrated subject)		6
A multidisciplinary approach to translational research in the intensive care setting	MED/41	3
Bioethics and palliation in the intensive care setting	MED/41	3
Total credits for face-to-face classes		45
Internship		10
Final examination		5
Total		60

¹ This document is a translation of the form A.2 relating to the study plan of the course attached to the Decree of the Deputy number 848 (record 153310) of 2th of July 2024, drafted in Italian and issued on the Master | Didattica | Università degli Studi di Firenze | UniFI and which therefore constitutes the only official document. This English translation cannot be used for legal purposes and has the sole purpose of supplying information in English on the content of the public notice