UniSR
Università Vita-Salute San Raffaele

II LEVEL MASTER in *ERCP, DIAGNOSTIC AND OPERATIVE RETROGRADE CHOLANGIOPANCREATOGRAPHY*

FRONTAL TEACHING ACTIVITIES (asynchronous) – 10 ECTS			
ACTIVITY	**HOURS**	**ECTS**	**SSD**
ERCP room setting, instrumentation and accessories	1	0.5	MED/12
Bilio-pancreatic anatomy and papilla cannulation techniques	1	0.5	
ERCP and Endoscopic Ultrasound	1	0.5	
Bile duct stones	1	0.5	
Gallstone surgery	1	0.5	MED/18
Benign biliary strictures	1	0.5	MED/12
Malignant biliary strictures	1	0.5	
Malignant biliary and duodenal stricture	1	0.5	
Indeterminate biliary strictures	1	0.5	
Pathological anatomy of biliary strictures	1	0.5	MED/08
Indications for PTC	1	0.5	MED/36
ERCP and ampullomas	1	0.5	MED/12
Surgery and ampullomas	1	0.5	MED/18
Hepatobiliary surgery and ERCP	1	0.5	
Biliary and pancreatic fistulas	1	0.5	MED/12
Chronic pancreatitis	1	0.5	
Acute biliary pancreatitis	1	0.5	
ERCP complications and prevention			
Minor papilla cannulation and sphincterotomy	1	0.5	
ERCP in post-surgical anatomy	1	0.5	
OTHER FORMS OF TRAINING – 15 ECTS			
ACTIVITY	**HOURS**	**ECTS**	**SSD**
Multidisciplinary meetings coordinated by the Pancreas Center's doctors	50	2	MED/12
Research projects, data collection and development based on which the final thesis will be produced	200	8	
Online learning activities (end of module Q&As, clinical cases, multiple answer quizzes)	50	2	
Labs and seminars	75	3	
TRAINING - 30 ECTS			
ACTIVITY	**HOURS**	**ECTS**	**SSD**
Observership	250	10	TIR
Practical Internship Activities	500	20	

FINAL THESIS – 5 ECTS			
ACTIVITY	**HOURS**	**ECTS**	**SSD**
Clinical and Experimental Thesis	125	5	PROFIN