

UFH adjustment algorithm for the first 12 h of ECMO support (using ACT measurement)

ACT (sec)	<140	141-160	161-179	180-210	211-240	241-270	>270
UFH BOLUS (IU/Kg)	20	10	-	-	-	-	-
UFH infusion stop (min)	-	-	-	-	-	30	60
UFH infusion adjustment	+30%	+20%	+10%	-	-10%	-20%	-30%
Time to next control	1h	1h	2h	2h	2h	1h	1h

UFH adjustment algorithm after the first 12 h of ECMO (using aPTT ratio)

aPTT (ratio)	< 1,2	1,21-1,30	1,31-1,49	1,5-2	2,01-2,25	2,26-2,49	>2,5
UFH BOLUS (IU/Kg)	20	10	-	-	-	-	-
UFH infusion stop (min)	-	-	-	-	-	30	60
UFH infusion adjustment	+20%	+15%	+10%	-	-10%	-20%	-30%
Time to next control	4h	4h	6h	8h	6h	4h	2h