

Supplementary Materials

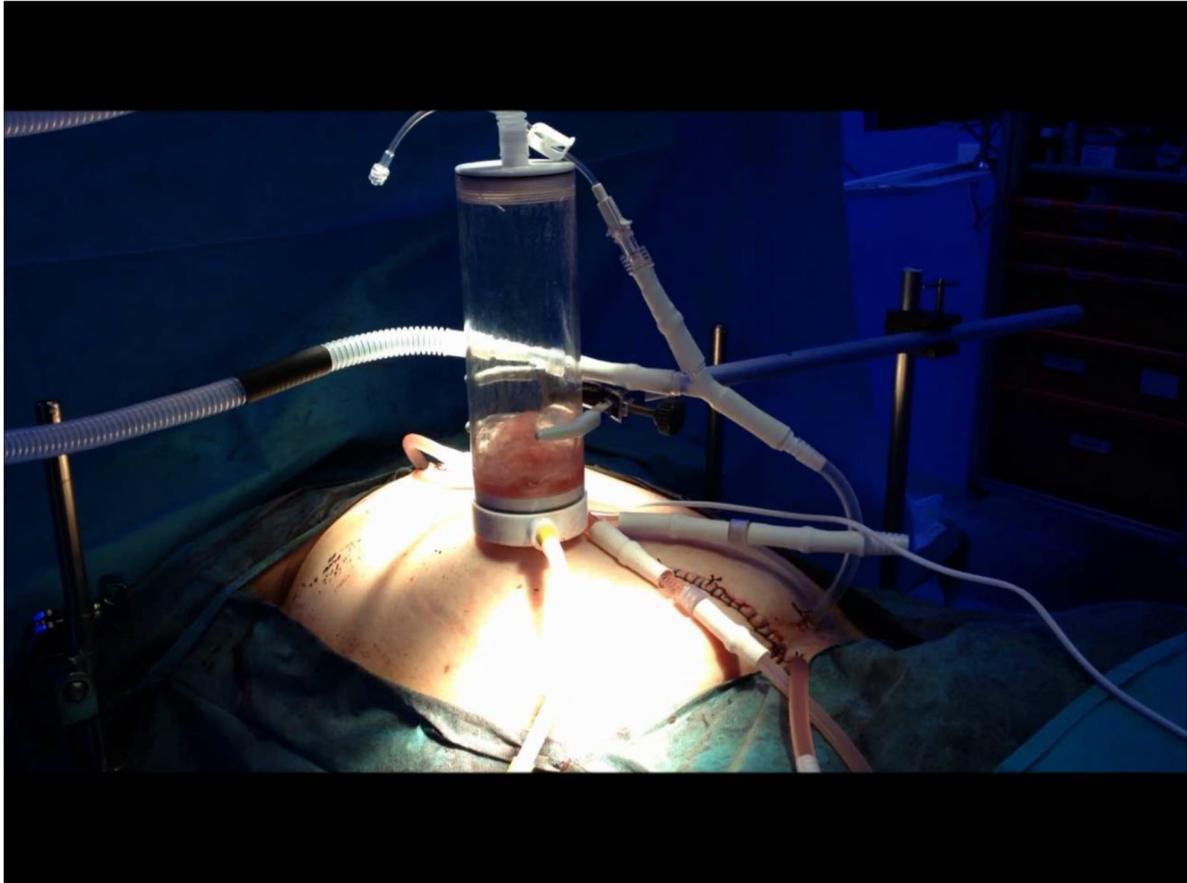


Figure S1. Closed abdomen and CO₂ recirculation system.

Table S1. Peritoneal Surface Disease Severity Score (PSDSS).

Clinical symptoms	Peritoneal cancer index (PCI)	Tumor histopathology
No symptoms = 0 point	PCI < 10 = 1 point	Well or moderately differentiated and N0 = 1 point
Mild symptoms = 1 point	PCI 10-20 = 3 point	Moderately differentiated and N1/N2 = 3 points
Severe symptoms = 6 points	PCI > 20 = 7 point	Poorly differentiated or signet ring cell = 9 points
<ul style="list-style-type: none"> • Mild symptoms: weight loss < 10%, mild abdominal pain, asymptomatic ascites. • Severe symptoms: weight loss ≥ 10%, bowel obstruction, uncontrollable pain, symptomatic ascites. 		
PSDSS Classification		PDSS value
1		2-3 points
2		4-7 points
3		8-10 points
4		>10 points

Table S2. Results of the survival analysis of the main variables related to surgery outcomes.

Variable	OS (median)	Log Rank test	RFS (median)	Log Rank test
HIPEC	46	$p = 0.579$	23	$p = 0.220$
No HIPEC	48		19	
Positive lymph nodes	46	$p = 0.601$	13	$p = 0.121$
Negative lymph nodes	51		24	
Primary cytoreduction	46	$p = 0.246$	29	$p = 0.234$
Interval cytoreduction	36	$p = 0.584$	19	$p = 0.197$
Secondary cytoreduction	51	$p = 0.506$	8	$p = 0.78$
CCR-0 (PCI ≤ 20)	51	$p = 0.065$	23	$p = 0.198$
CCR-1 (PCI > 20)	35		11	
Intraoperative blood transfusion	36	$p = 0.178$	13	$p = 0.47$
No intraoperative blood transfusion	65		30	
Histologic Grade I/II	46	$p = 0.540$	29	$p = 0.199$
Histologic Grade III	35	$p = 0.201$	19	

OS: Overall survival, RFS: Recurrence free survival, CCR: Complete Cytoreduction Reduction score, PCI: Peritoneal Cancer Index.

Table S3. Complications according to the Clavien–Dindo Classification.

	NO adverse events	I	II	IIIa	IIIb	V	TOTAL PATIENTS
HIPEC	16 (29.1%)	5 (9.1%)	3 (5.5%)	3 (5.5%)	3 (5.5%)	2 (3.6%)	32
NO HIPEC	6 (10.9%)	8 (14.5%)	6 (10.9%)	1 (1.8%)	1 (1.8%)	1 (1.8%)	23
TOTAL	22 (40%)	13 (23.6%)	9 (16.4%)	4 (7.3%)	4 (7.3%)	3 (5.5%)	55

No significant differences between the two groups were noted in adverse event of any grade ($p = 0.482$).