

Supplementary Online Content

Berardi G, Antonelli G, Colasanti M, et al. Association of sarcopenia and body composition with short-term outcomes after liver resection for malignant tumors. *JAMA Surg*. Published online September 23, 2020. doi:10.1001/jamasurg.2020.3336

eTable. Logistic Regression for Predictive Factors of Morbidity

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable. Logistic Regression for Predictive Factors of Morbidity

	<i>Univariate analysis</i>		<i>Multivariate analysis*</i>	
	<i>HR (95% CI)</i>	<i>P value</i>	<i>HR (95% CI)</i>	<i>P value</i>
Age (years)	1.02 (0.99-1.04)	0.07		
ASA score	3.57 (1.70-7.51)	0.001	1.88 (0.60-5.88)	0.27
Comorbidities	1.65 (0.86-3.16)	0.12		
BMI (Kg/m²)	1.97 (0.91-2.04)	0.43		
Skeletal Muscle Index (cm/m²)	0.94 (0.91-0.97)	<0.001	0.96 (0.91-1.01)	0.16
Visceral adipose tissue (cm²)	0.99 (0.99-1.00)	0.70		
Tricipital skinfold (mm)	1.00 (0.97-1.04)	0.76		
Subscapular skinfold (mm)	0.95 (0.91-1.00)	0.06		
Handgrip strength (Kg)	0.92 (0.89-0.96)	<0.001	1.06 (0.98-1.15)	0.13
Gait speed (m/s)	0.91 (.68-1.21)	0.53		
Normal Muscle Mass and Strength		1.00		1.00
Reduced Muscle Strength	1.15 (1.11-4.22)	0.008	1.22 (0.91-3.91)	0.82
Reduced Muscle Mass	2.25 (1.32-5.93)	0.009	1.92 (1.23-4.12)	0.003
Reduced Muscle Mass and Strength	4.22 (1.42-15.43)	<0.001	3.92 (1.96-7.80)	<0.001
Cirrhosis	2.11 (1.19-3.75)	0.01	3.63 (1.44-9.15)	0.006
Portal hypertension	4.57 (2.01-10.40)	<0.001	5.88 (1.83-18.89)	0.003
Neoadjuvant chemotherapy	1.35 (0.68-2.68)	0.37		
Open approach	2.23 (1.02-4.90)	0.04	1.85 (0.58-5.85)	0.29
Major hepatectomy	2.42 (1.32-4.45)	0.004	2.12 (0.77-4.54)	0.33
Biliary reconstruction	5.57 (2.00-15.55)	0.001	6.00 (1.60-22.43)	0.008
Blood loss	1.00 (1.00-1.00)	<0.001	1.00 (0.99-1.00)	0.22
Operative time	1.01 (1.00-1.01)	<0.001	1.00 (0.99-1.01)	0.07

ASA, American Society of Anaesthesiology. BMI, Body Mass Index