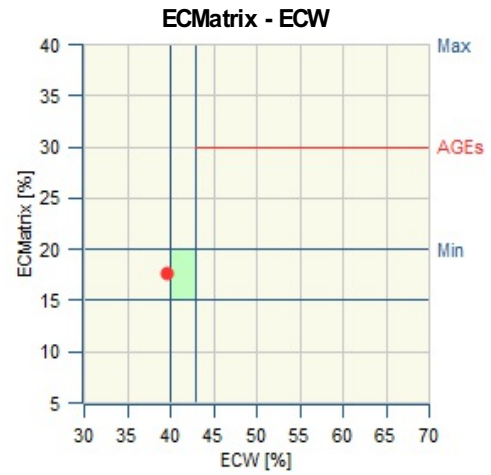
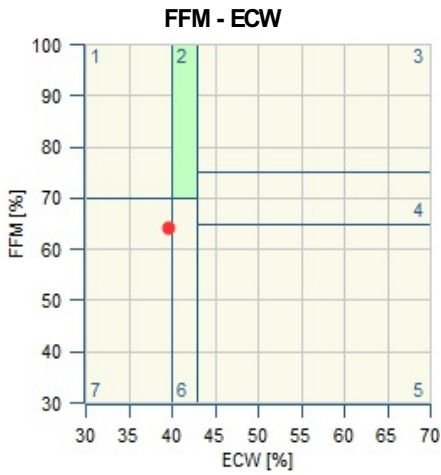


Dati generali e valori antropometrici

Paziente:
Data di nascita: 03/03/1989
Età: 30
Sesso: M
Altezza (cm): 183 Height
Peso (kg): 96.8 Body Weight - BW
BMI (kg/m²): 28.9 Overweight

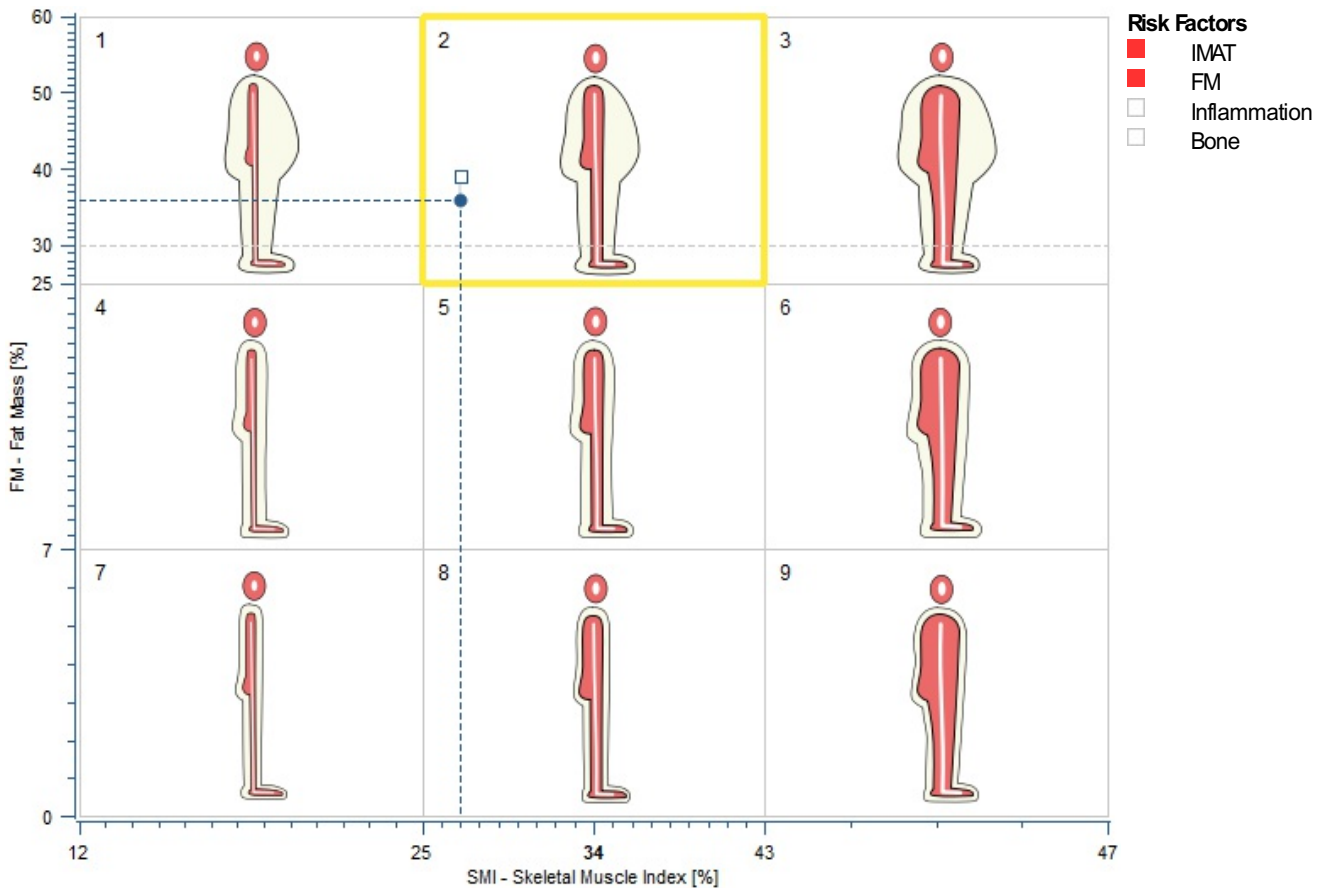
Analisi della composizione corporea

	Valore	Norme	Valore
TBW (%)	47	50-65% BW	[45.2 lt]
ECW (%)	40	40% TBW	[17.9 lt]
ICW (%)	60	60% TBW	[27.3 lt]
FFM (%)	64	min 75%	[62.2 kg]
FM (%)	36	min 7% - max 25%	[34.6 kg]
ECMatrix (%)	18	15-20% BW	[17.0 kg]
BMR (kcal/day)	1713	min 1300 kcal/day	
HPA axis index (PA°)	3.0	Flat High	normal > 3.5



Skeletal Muscle Index - Fat Mass Analysis

Parte non integrante il dispositivo BIA-ACC



BIA-ACC

20/11/2019 - 16:21

Report analitico - non integrante il dispositivo BIA-ACC -

Soft Tissue Minerals		Bone	
Stm:	0.61 kg min 0.4 kg	Body Density:	1.019 g/cm ³ Low density normal 1.030 - 1.060 g/cm ³
ECK:	71.4 mmol (2.8 g) 1.69% TBK max 2% TBK	Bone:	5.1 kg min 3.9 kg, normal 4.7 kg
TBK:	4226 mmol (165 g) normal 4840 mmol	T-score:	0.5 Valori nella norma
TBNa:	4106 mmol (94 g) ideale 3170 mmol, normal 73 - 93 g	Bm:	2.77 kg min 2.1 kg, normal 2.5 kg
TBCl:	1982 mmol (70 g) ideale 2148 mmol, normal 66 - 76 g	TBCa:	0.94 kg 1.51% FFM min 1.40% FFM
K/Mg ratio:	4.7 ideale 4.8, normal 4.6 - 5.0	Bbuffer:	0.036 kg 0.058% FFM min 0.050% FFM
O-PRAL:	20.2 max 28	TBMg:	0.022 kg 910.7 mmol normal 0.013 - 0.030 kg
		TBP:	0.521 kg 16821.3 mmol normal 0.367 - 0.811 kg

TBW Turnover		Body Weight Target	
TBW:	45.2 lt	Current weight:	96.8 kg
Urine:	2.49 lt (min 1.5 lt)	Ideal weight:	77.3 kg (min 74.9 kg, max 79.7 kg)
Respirazione:	1.08 lt (min 0.7 lt, ideale > 1 lt)	Current / Ideal weight:	1.25 (normal 0.94 - 1.05)
Sudorazione:	0.22 lt	FM:	34.6 kg 36% Obesity
Transdermico:	0.22 lt	FFM:	62.2 kg
Scambio totale:	4.01 lt		

Active Metabolic Mass			Proteins	
Skeletal Muscle:	26.5 kg	42.7% FFM min 35% FFM, norm > 40% FFM	TBprotein:	21.61% FFM (13.44 kg) min 18% FFM, ideale 20% FFM
wSMI:	27%	Normal min 34%	BCMprotein:	10.47 kg Proteic anions
hSMI:	7.9 kg/m ² min 7.2 kg/m ²		ECFprotein:	0.20 kg Catabolites
S-score:	0.7	Valori nella norma	ECMprotein:	2.77 kg min 2kg Collagen
ALST:	22.9 kg	36.8% FFM min 30% FFM	Cr-24h:	1.7 g-24h normal 1.0 - 1.9 g-24h
AT:	43.3 kg	44.7% BW max 31% BW	Cr-serum:	1.3 mg/dl normal 0.7 - 1.2 mg/dl
AAT:	606.3 cm ² max 560.0 cm ²			
IMAT:	2.1 kg	2.2% BW max 2% BW, ideale < 1.5% BW		
Fitness index:	0.77 min 0.54, ideale 1.20			
Gly:	0.95% FFM (0.591 kg) min 0.8% FFM, ideale 1.0% FFM			
Visceral Organs:	21.9 kg normal 23.0 kg	35.2% FFM min 40% FFM		

Cellular Analysis		
BCM:	35.1 kg	56.4% FFM
ECM:	27.1 kg	
FM:	34.6 kg	36% BW
BW:	96.8 kg	
ECM / BCM ratio:	0.77	ideale 1.00, normal 0.80 - 1.10
K / ICW ratio:	6.03 g/lt	normal 6.02 - 6.05 g/lt

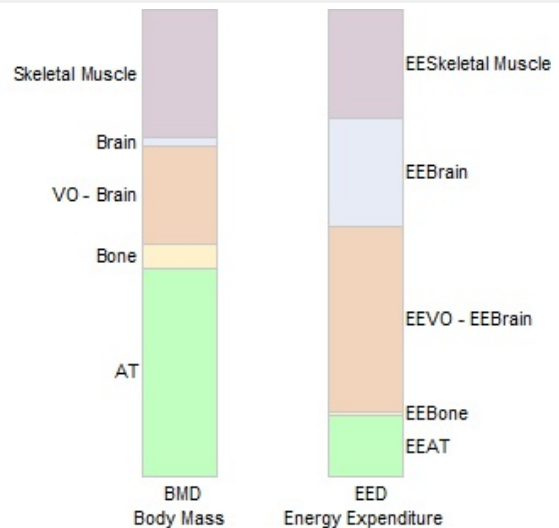
Report analitico - non integrante il dispositivo BIA-ACC -

Energy regulation

BMR % Distribution		Energy Transfer	
	100% normal	Gly:	0.95% FFM (0.591 kg)
Fegato:	100%	Glycogen mass	min 0.8% FFM, ideal 1.0% FFM
Cervello:	100%		↑
Cuore:	100%	Glu Free:	0.000 kg
Rene:	100%	Glucose mass	ideal 0 kg
Muscolo:	100%		
Ossso:	100%	AT up 1 month:	min 0.000 kg
ECMatrix:	100%	AT up 12 month:	min 0.000 kg
		Le:	ND kg ND% FFM normal 2% - 5% FFM

Energy Distribution

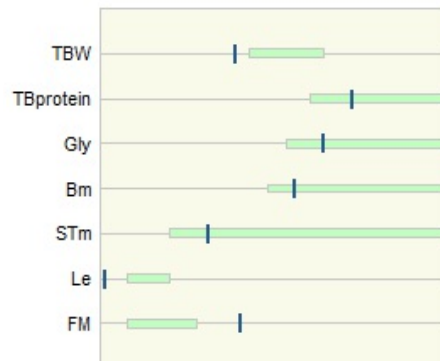
24EE:	2094 kcal/day	typical mean 1928 kcal/day
BMR:	1713 kcal/day	min 1300 kcal/day
24EE - BMR:	381 kcal/day	
EEAT:	195 kcal/day	typical mean 108 kcal/day
EEVO:	941 kcal/day	typical mean 1019 kcal/day
EEBone:	12 kcal/day	min 10 kcal/day
EESkeletal Muscle:	345 kcal/day	min 295 kcal/day
EEBrain:	347 kcal/day	typical mean 482 kcal/day
EEIS:	376 kcal/day	typical mean 406 kcal/day
dEEMatrix:	3 kcal/day	max 85 kcal/day
TEOF:	-221 kcal/day	typical mean -142 kcal/day
EEspa:	608 kcal/day	typical mean 472 kcal/day



VO₂

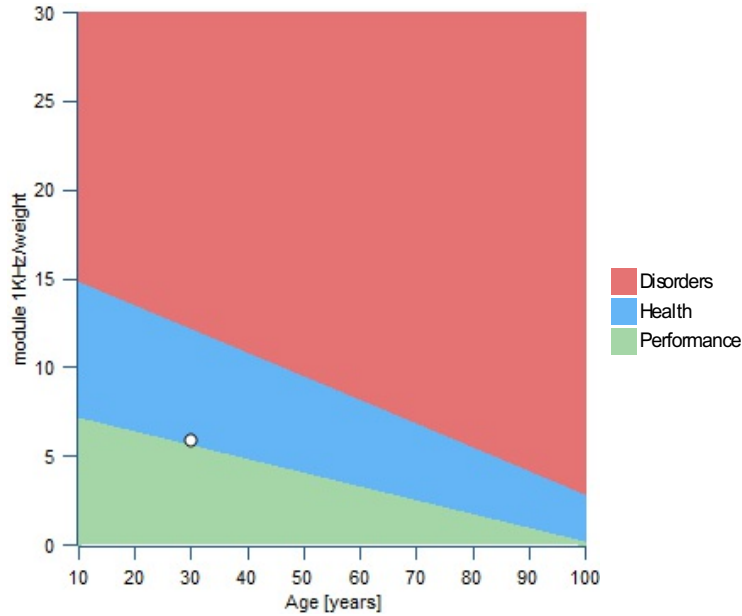
VO₂ - rest:	28.0 ml / (kg x min)	Very poor
VO₂ mean max:	ND ml / (kg x min) min 41.0 ml / (kg x min)	ND

Molecular Analysis

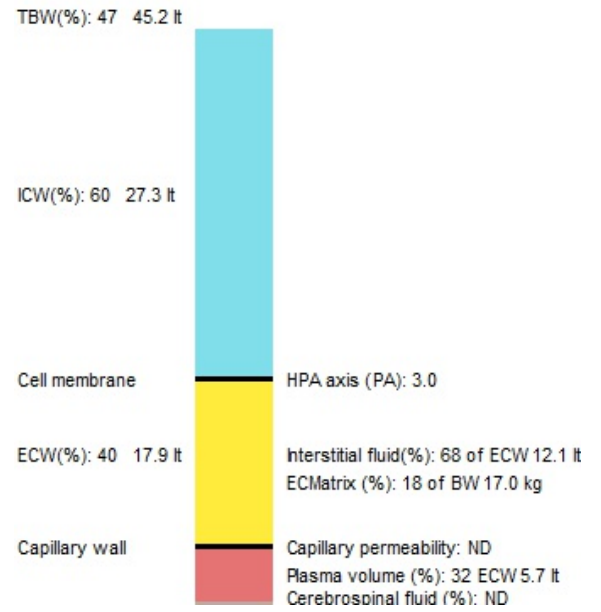


Interstitial

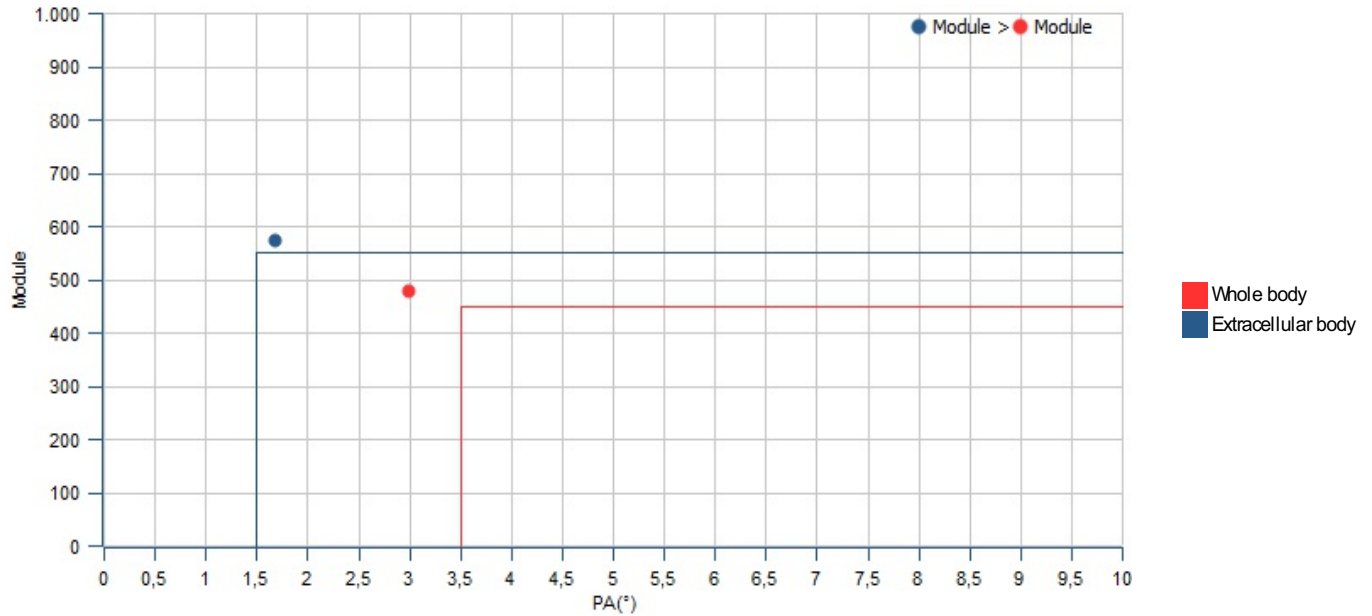
Electrical Characteristics of Extracellular Tissue



Fluid distribution and ECMatrix



Module-PA°



BIA-ACC

20/11/2019 - 16:21

Date	09/10/2019 □	20/11/2019 ●
Weight [kg]	106.3	96.8
Body Density [g/cm ³]	1.012	1.019
Skeletal Muscle [kg]	28.4	26.5
Skeletal Muscle [% FFM]	44.0	42.7
wSMI [%]	27	27
hSMI [kg/m ²]	8.5	7.9
S-score	1.3	0.7
Bone [kg]	5.4	5.1
T-score	0.8	0.5
TBMg [kg]	0.023	0.022
TBP [kg]	0.551	0.521
FM [kg]	41.7	34.6
FM [%]	39	36
AAT [cm ²]	741.8	606.3
IMAT [%]	2.4	2.2
VO _{2rest}	Very poor	Very poor
VO _{2max}	ND	ND
ECMatrix [kg]	17.1	17.0
ECMatrix [%]	16	18
TBW [lt]	47.4	45.2
TBW [%]	45	47
ECW [lt]	18.3	17.9
ECW [%]	38	40
HPA axis index [PA°]	2.8	3.0
ECK [%]	1.62	1.69

Nota: i valori cumulativi sono rappresentati con arrotondamento.