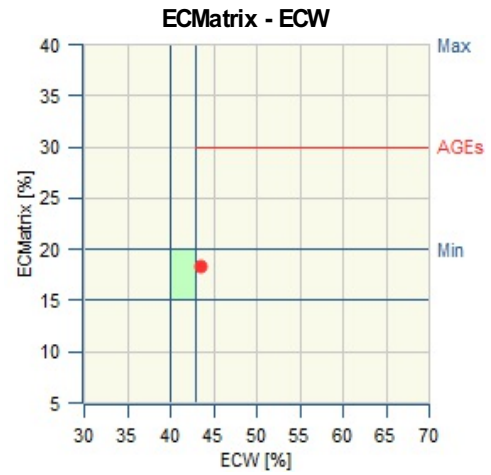
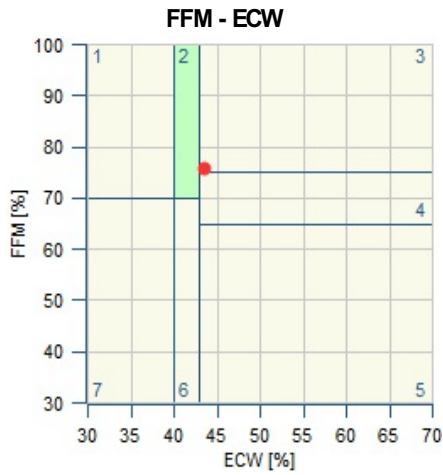


**Dati generali e valori antropometrici**

**Paziente:**  
**Data di nascita:** 13/10/1982  
**Età:** 37  
**Sesso:** M  
**Altezza (cm):** 175      Height  
**Peso (kg):** 75.6      Body Weight - BW  
**BMI (kg/m²):** 24.7      Normal

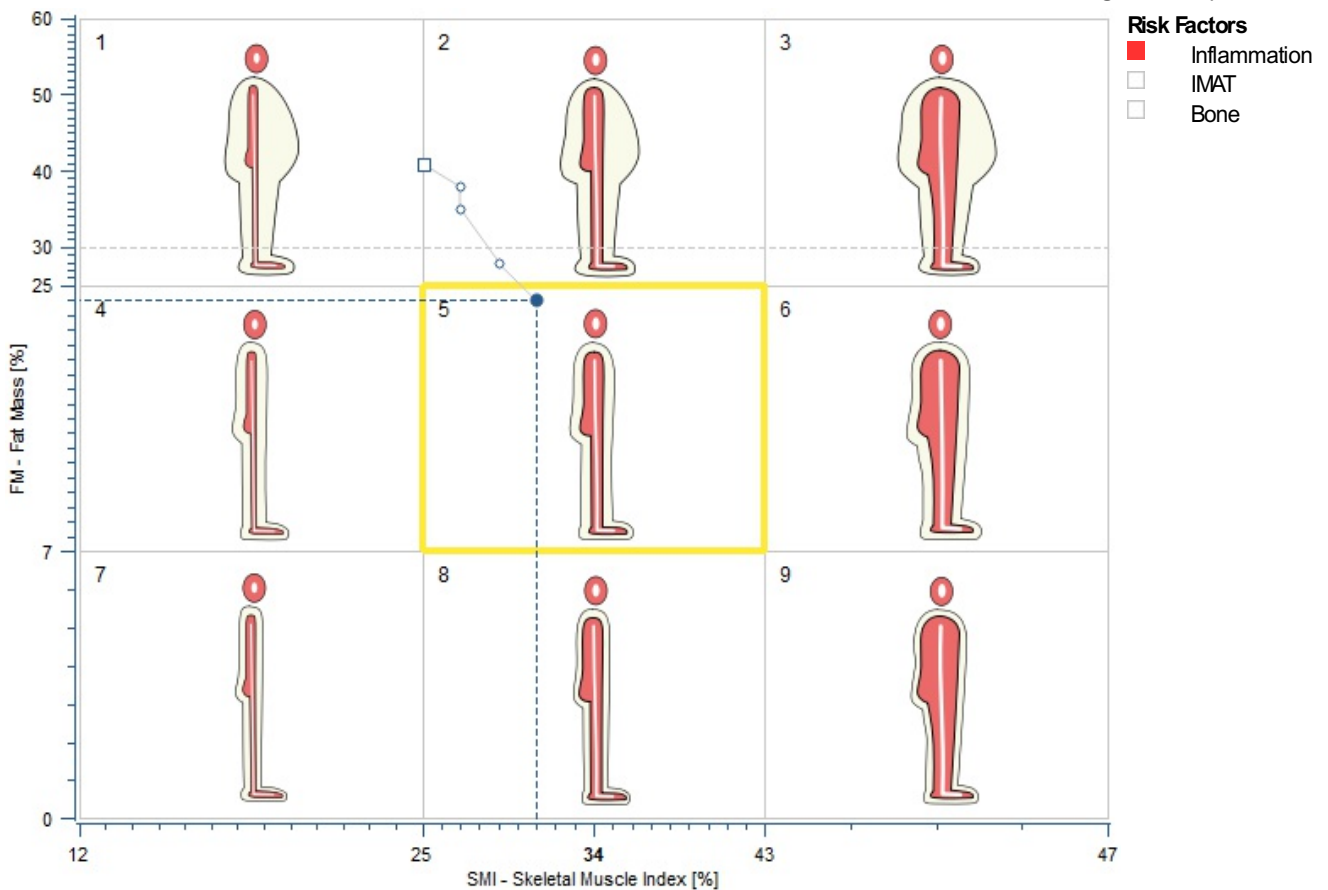
**Analisi della composizione corporea**

	Valore	Norme	Valore
<b>TBW (%)</b>	58	50-65% BW	[43.5 lt]
<b>ECW (%)</b>	44	40% TBW	[19.0 lt]
<b>ICW (%)</b>	56	60% TBW	[24.6 lt]
<b>FFM (%)</b>	76	min 75%	[57.3 kg]
<b>FM (%)</b>	24	min 7% - max 25%	[18.3 kg]
<b>ECMatrix (%)</b>	18	15-20% BW	[13.8 kg]
<b>BMR (kcal/day)</b>	1609	min 1300 kcal/day	
<b>HPA axis index (PA°)</b>	2.6	Flat High	normal > 3.5



**Skeletal Muscle Index - Fat Mass Analysis**

Parte non integrante il dispositivo BIA-ACC



BIA-ACC

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**Report analitico - non integrante il dispositivo BIA-ACC -**

**Soft Tissue Minerals**

<b>Stm:</b>	0.58 kg min 0.4 kg
<b>ECK:</b>	75.9 mmol (3.0 g) 1.99% TBK max 2% TBK
<b>TBK:</b>	3811 mmol (149 g) normal 3780 mmol
<b>TBNa:</b>	4204 mmol (97 g) ideal 3280 mmol, normal 75 - 95 g
<b>TBCL:</b>	2105 mmol (75 g) ideal 2263 mmol, normal 70 - 80 g
<b>K/Mg ratio:</b>	4.6 ideal 4.8, normal 4.6 - 5.0
<b>O-PRAL:</b>	33.5 max 28

**Bone**

<b>Body Density:</b>	1.044 g/cm <sup>3</sup> Normal density normal 1.030 - 1.060 g/cm <sup>3</sup>
<b>Bone:</b>	4.8 kg min 3.9 kg, normal 4.7 kg
<b>T-score:</b>	0.2 Valori nella norma
<b>Bm:</b>	2.62 kg min 2.1 kg, normal 2.5 kg
<b>TBCa:</b>	0.89 kg 1.55% FFM min 1.40% FFM
<b>Bbuffer:</b>	0.034 kg 0.059% FFM min 0.050% FFM
<b>TBMg:</b>	0.020 kg 842.9 mmol normal 0.013 - 0.030 kg
<b>TBP:</b>	0.488 kg 15762.7 mmol normal 0.367 - 0.811 kg

**T BW Turnover**

<b>TBW:</b>	43.5 lt
<b>Urine:</b>	2.40 lt (min 1.5 lt)
<b>Respirazione:</b>	1.04 lt (min 0.7 lt, ideal > 1 lt)
<b>Sudorazione:</b>	0.21 lt
<b>Transdermico:</b>	0.21 lt
<b>Scambio totale:</b>	3.87 lt

**Body Weight Target**

<b>Current weight:</b>	75.6 kg
<b>Ideal weight:</b>	74.1 kg (min 71.7 kg, max 76.5 kg)
<b>Current / Ideal weight:</b>	1.02 (normal 0.94 - 1.05)
<b>FM:</b>	18.3 kg 24% Health standard
<b>FFM:</b>	57.3 kg

**Active Metabolic Mass**

<b>Skeletal Muscle:</b>	23.8 kg	41.5% FFM min 35% FFM, norm > 40% FFM
<b>wSMI:</b>	31%	Normal min 34%
<b>hSMI:</b>	7.8 kg/m <sup>2</sup> min 7.2 kg/m <sup>2</sup>	
<b>S-score:</b>	0.6	Valori nella norma
<b>ALST:</b>	20.7 kg	36.0% FFM min 30% FFM
<b>AT:</b>	22.8 kg	30.2% BW max 31% BW
<b>AAT:</b>	293.7 cm <sup>2</sup> max 560.0 cm <sup>2</sup>	
<b>IMAT:</b>	1.2 kg	1.6% BW max 2% BW, ideal < 1.5% BW
<b>Fitness index:</b>	1.30 min 0.54, ideal 1.20	
<b>Gly:</b> Glycogen mass	0.93% FFM (0.535 kg) min 0.8% FFM, ideal 1.0% FFM	
<b>Visceral Organs:</b>	24.2 kg normal 23.0 kg	42.1% FFM min 40% FFM

**Proteins**

<b>TBprotein:</b>	21.20% FFM (12.16 kg) min 18% FFM, ideal 20% FFM
<b>BCMprotein:</b>	9.42 kg Proteic anions
<b>ECFprotein:</b>	0.21 kg Catabolites
<b>ECMprotein:</b>	2.53 kg min 2kg Collagen
<b>Cr-24h:</b>	1.5 g-24h normal 1.0 - 1.9 g-24h
<b>Cr-serum:</b>	1.4 mg/dl normal 0.7 - 1.2 mg/dl

**Cellular Analysis**

<b>BCM:</b>	31.7 kg	55.2% FFM
<b>ECM:</b>	25.7 kg	
<b>FM:</b>	18.3 kg	24% BW
<b>BW:</b>	75.6 kg	
<b>ECM / BCM ratio:</b>	0.81	ideal 1.00, normal 0.80 - 1.10
<b>K / ICW ratio:</b>	6.05 g/lt	normal 6.02 - 6.05 g/lt

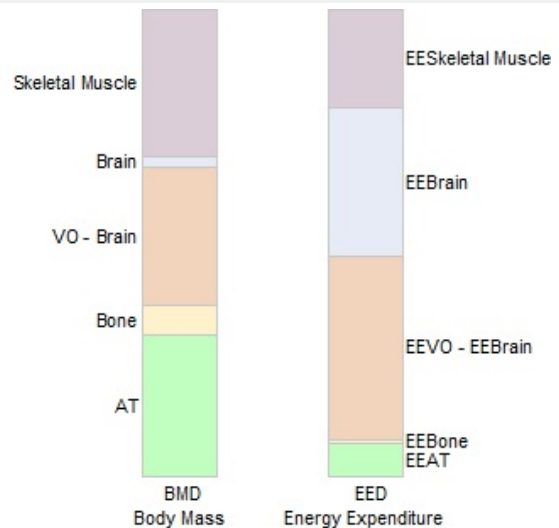
**Report analitico - non integrante il dispositivo BIA-ACC -**

**Energy regulation**

BMR % Distribution		Energy Transfer	
	100% normal	<b>Gly:</b>	0.93% FFM (0.535 kg)
<b>Fegato:</b>	100%	Glycogen mass	min 0.8% FFM, ideal 1.0% FFM
<b>Cervello:</b>	100%		↑
<b>Cuore:</b>	100%	<b>Glu Free:</b>	0.000 kg
<b>Rene:</b>	100%	Glucose mass	ideal 0 kg
<b>Muscolo:</b>	100%		
<b>Ossso:</b>	100%	<b>AT up 1 month:</b>	min 0.000 kg
<b>ECMatrix:</b>	100%	<b>AT up 12 month:</b>	min 0.000 kg
		<b>Le:</b>	ND kg      ND% FFM normal 2% - 5% FFM

**Energy Distribution**

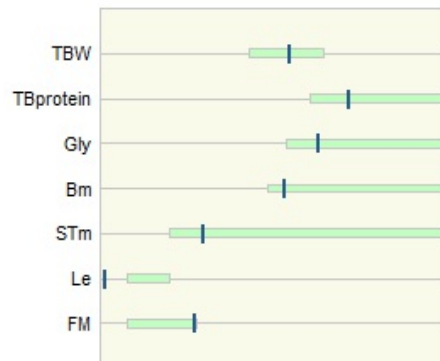
<b>24EE:</b>	1968 kcal/day	typical mean 1928 kcal/day
<b>BMR:</b>	1609 kcal/day	min 1300 kcal/day
<b>24EE - BMR:</b>	359 kcal/day	
<b>EEAT:</b>	103 kcal/day	typical mean 108 kcal/day
<b>EEVO:</b>	1039 kcal/day	typical mean 1019 kcal/day
<b>EEBone:</b>	11 kcal/day	min 10 kcal/day
<b>EESkeletal Muscle:</b>	309 kcal/day	min 295 kcal/day
<b>EEBrain:</b>	461 kcal/day	typical mean 482 kcal/day
<b>EEIS:</b>	423 kcal/day	typical mean 406 kcal/day
<b>dEEMatrix:</b>	25 kcal/day	max 85 kcal/day
<b>TEOF:</b>	-147 kcal/day	typical mean -142 kcal/day
<b>EEspa:</b>	466 kcal/day	typical mean 472 kcal/day



**VO<sub>2</sub>**

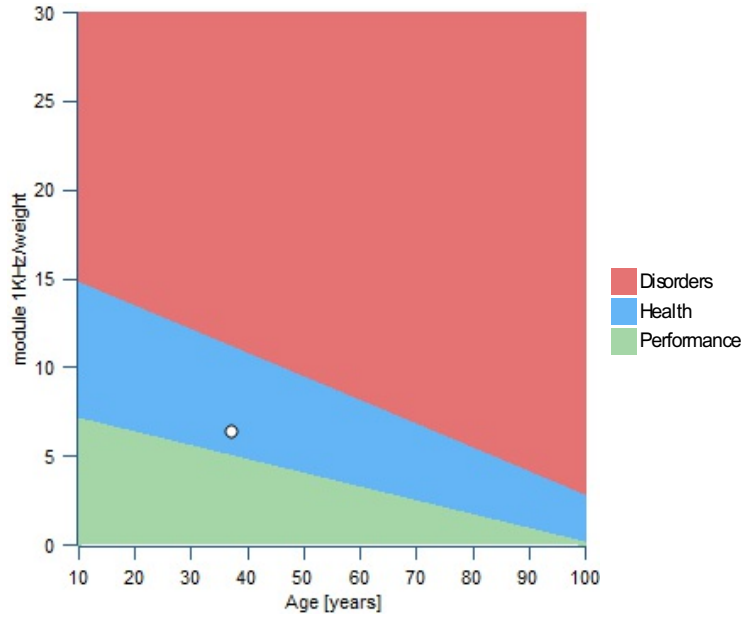
<b>VO<sub>2</sub> - rest:</b>	32.4 ml / (kg x min)	Poor
<b>VO<sub>2</sub> mean max:</b>	ND ml / (kg x min) min 41.0 ml / (kg x min)	ND

**Molecular Analysis**

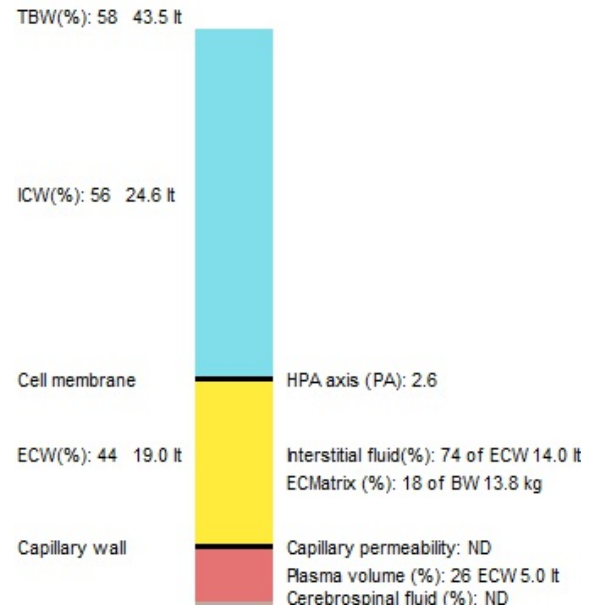


### Interstitium

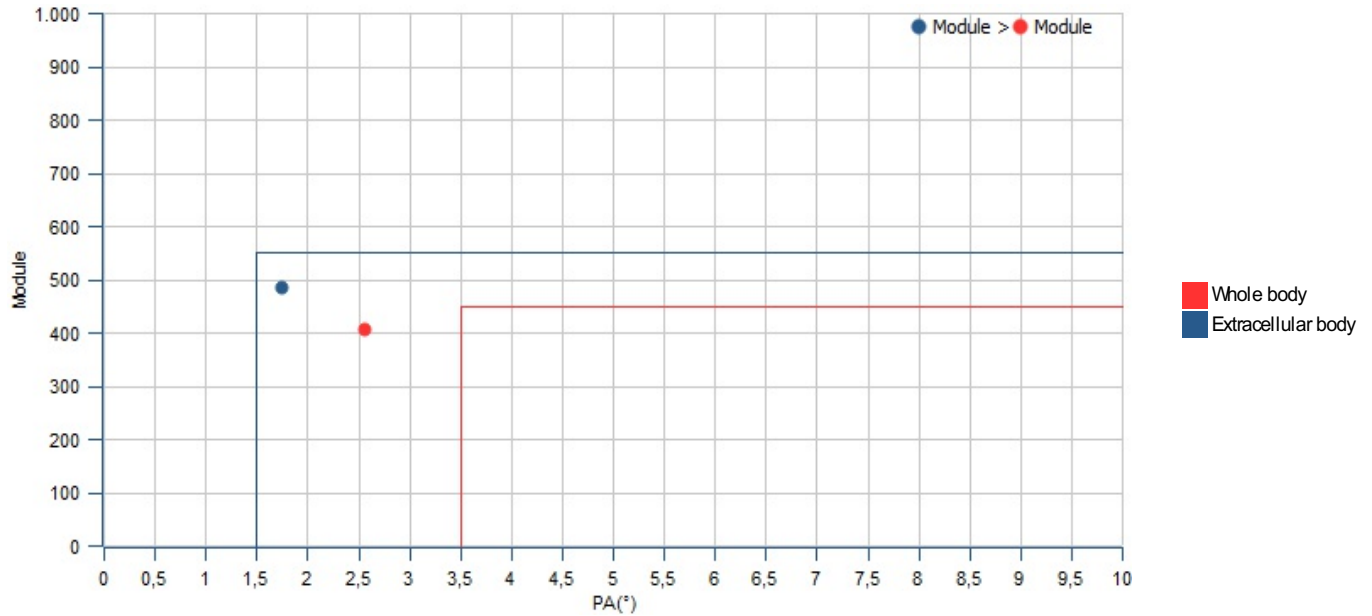
#### Electrical Characteristics of Extracellular Tissue



#### Fluid distribution and ECMatrix



#### Module-PA°



BIA-ACC

14/09/2020 - 18:03

Date	25/11/2019 □	23/12/2019	27/01/2020	01/06/2020	14/09/2020 ●
Weight [kg]	101.0	93.0	88.4	78.2	75.6
Body Density [g/cm <sup>3</sup> ]	1.008	1.016	1.021	1.035	1.044
Skeletal Muscle [kg]	25.7	24.8	24.1	23.0	23.8
Skeletal Muscle [% FFM]	43.4	42.8	42.0	41.1	41.5
wSMI [%]	25	27	27	29	31
hSMI [kg/m <sup>2</sup> ]	8.4	8.1	7.9	7.5	7.8
S-score	1.2	0.9	0.7	0.3	0.6
Bone [kg]	4.9	4.8	4.8	4.6	4.8
T-score	0.3	0.2	0.1	-0.1	0.2
TBMg [kg]	0.021	0.021	0.020	0.020	0.020
TBP [kg]	0.502	0.491	0.482	0.469	0.488
FM [kg]	41.8	34.9	31.1	22.1	18.3
FM [%]	41	38	35	28	24
AAT [cm <sup>2</sup> ]	744.1	612.4	538.4	367.9	293.7
IMAT [%]	2.6	2.4	2.3	1.9	1.6
VO <sub>2rest</sub>	Very poor	Very poor	Very poor	Very poor	Poor
VO <sub>2max</sub>	ND	ND	ND	ND	ND
ECMatrix [kg]	15.8	15.4	15.2	14.5	13.8
ECMatrix [%]	16	17	17	19	18
TBW [lt]	43.3	42.7	42.2	41.5	43.5
TBW [%]	43	46	48	53	58
ECW [lt]	16.8	17.0	17.3	17.7	19.0
ECW [%]	39	40	41	43	44
HPA axis index [PA°]	3.2	3.5	3.2	3.2	2.6
ECK [%]	1.64	1.71	1.79	1.91	1.99

Nota: i valori cumulativi sono rappresentati con arrotondamento.