

BIA-ACC

aprile sesto

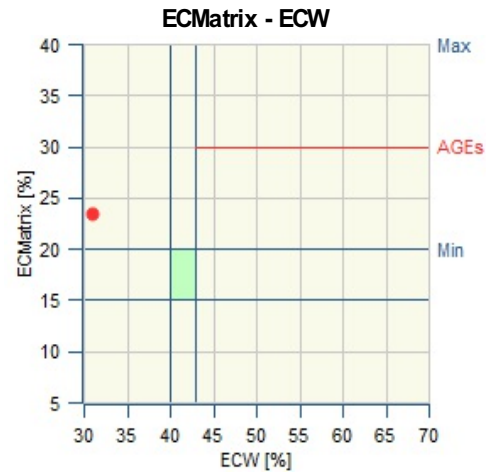
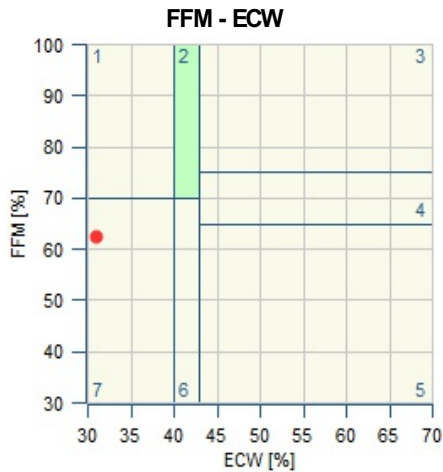
06/04/2017 - 20:57

**Dati generali e valori antropometrici**

**Paziente:** aprile sesto  
**Data di nascita:** 01/01/1992  
**Età:** 25  
**Sesso:** M  
**Altezza (cm):** 180 Height  
**Peso (kg):** 80.0 Body Weight - BW  
**BMI (kg/m²):** 24.7 Normal

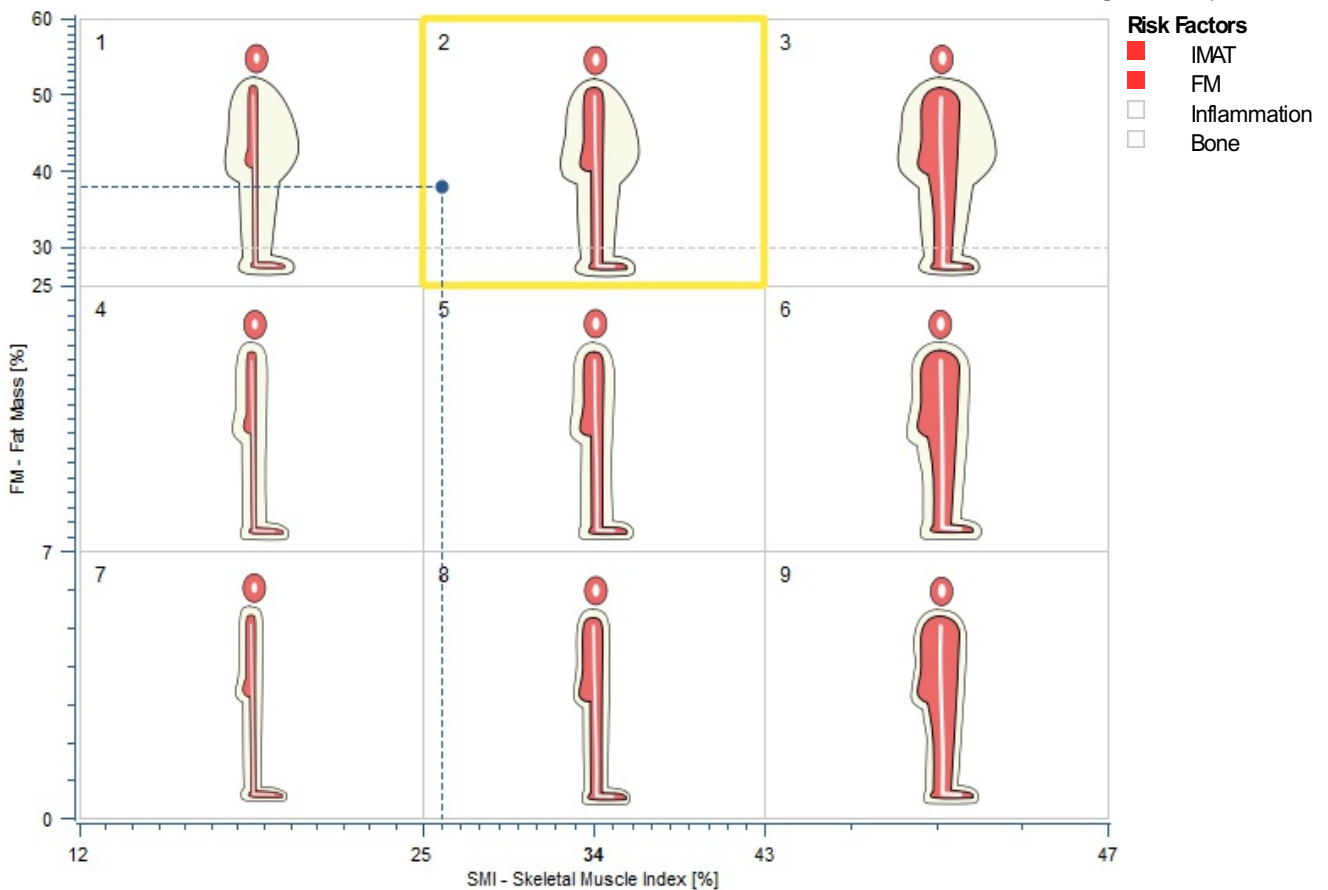
**Analisi della composizione corporea**

		Norms	
<b>TBW (%):</b>	39	50-65% BW	[31.2 lt]
<b>ECW (%):</b>	31	40% TBW	[9.7 lt]
<b>ICW (%):</b>	69	60% TBW	[21.5 lt]
<b>FFM (%):</b>	62	min 75%	[50.0 kg]
<b>FM (%):</b>	38	min 7% - max 25%	[30.0 kg]
<b>ECMatrix (%):</b>	23	15-20% BW	[18.7 kg]
<b>BMR (kcal/day):</b>	1449	min 1300 kcal/day	
<b>HPA axis index (PA°):</b>	6.5	Circadian	normal > 3.5



**Skeletal Muscle Index - Fat Mass Analysis**

Parte non integrante il dispositivo BIA-ACC



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

**Soft Tissue Minerals**

<b>Stm:</b>	0.44 kg min 0.4 kg
<b>ECK:</b>	38.8 mmol (1.5 g) 1.17% TBK max 2% TBK
<b>TBK:</b>	3313 mmol (129 g) normal 4000 mmol
<b>TBNa:</b>	2467 mmol (57 g) ideal 1854 mmol, normal 43 - 63 g
<b>TBCL:</b>	1077 mmol (38 g) ideal 1194 mmol, normal 32 - 42 g
<b>K/Mg ratio:</b>	5.0 ideal 4.8, normal 4.6 - 5.0
<b>O-PRAL:</b>	-7.1 max 25

**Bone**

<b>Body Density:</b>	1.016 g/cm <sup>3</sup> Low density normal 1.030 - 1.060 g/cm <sup>3</sup>
<b>Bone:</b>	3.7 kg min 3.9 kg, normal 4.7 kg
<b>T-score:</b>	-1.1 Probabile osteopenia
<b>Bm:</b>	1.99 kg min 2.1 kg, normal 2.5 kg
<b>TBCa:</b>	0.68 kg 1.36% FFM min 1.40% FFM
<b>Bbuffer:</b>	0.026 kg 0.052% FFM min 0.050% FFM
<b>TBMg:</b>	0.017 kg 681.8 mmol normal 0.013 - 0.030 kg
<b>TBP:</b>	0.381 kg 12301.3 mmol normal 0.367 - 0.811 kg

**T BW Turnover**

<b>TBW:</b>	31.2 lt
<b>Urine:</b>	1.72 lt (min 1.5 lt)
<b>Respirazione:</b>	0.75 lt (min 0.7 lt, ideal > 1 lt)
<b>Sudorazione:</b>	0.15 lt
<b>Transdermico:</b>	0.15 lt
<b>Scambio totale:</b>	2.77 lt

**Body Weight Target**

<b>Current weight:</b>	80.0 kg
<b>Ideal weight:</b>	62.5 kg (min 60.9 kg, max 64.1 kg)
<b>Current / Ideal weight:</b>	1.28 (normal 0.94 - 1.05)
<b>FM:</b>	30.0 kg 38% Obesity
<b>FFM:</b>	50.0 kg

**Active Metabolic Mass**

<b>Skeletal Muscle:</b>	20.5 kg	41.0% FFM min 35% FFM, norm >40% FFM
<b>wSMI:</b>	26%	Normal min 34%
<b>hSMI:</b>	6.3 kg/m <sup>2</sup> min 7.2 kg/m <sup>2</sup>	
<b>S-score:</b>	-0.9	Valori nella norma
<b>ALST:</b>	17.6 kg	35.3% FFM min 30% FFM
<b>AT:</b>	37.5 kg	46.9% BW max 31% BW
<b>AAT:</b>	518.8 cm <sup>2</sup> max 560.0 cm <sup>2</sup>	
<b>IMAT:</b>	1.8 kg	2.3% BW max 2% BW, ideal <1.5% BW
<b>Fitness index:</b>	0.68 min 0.54, ideal 1.20	
<b>Gly:</b> Glycogen mass	0.93% FFM (0.467 kg) min 0.8% FFM, ideal 1.0% FFM	
<b>Visceral Organs:</b>	18.3 kg normal 23.0 kg	36.6% FFM min 41% FFM

**Proteins**

<b>TBprotein:</b>	21.23% FFM (10.61 kg) min 18% FFM, ideal 20% FFM
<b>BCMprotein:</b>	8.26 kg Proteic anions
<b>ECFprotein:</b>	0.11 kg Catabolites
<b>ECMprotein:</b>	2.25 kg min 2kg Collagen
<b>Cr-24h:</b>	1.2 g-24h normal 1.0 - 1.9 g-24h
<b>Cr-serum:</b>	1.0 mg/dl normal 0.7 - 1.2 mg/dl

**Cellular Analysis**

<b>BCM:</b>	27.5 kg	55.1% FFM
<b>ECM:</b>	22.4 kg	
<b>FM:</b>	30.0 kg	38% BW
<b>BW:</b>	80.0 kg	
<b>ECM / BCM ratio:</b>	0.82	ideal 1.00, normal 0.80 - 1.10
<b>K / ICW ratio:</b>	6.00 g/lt	normal 6.02 - 6.05 g/lt

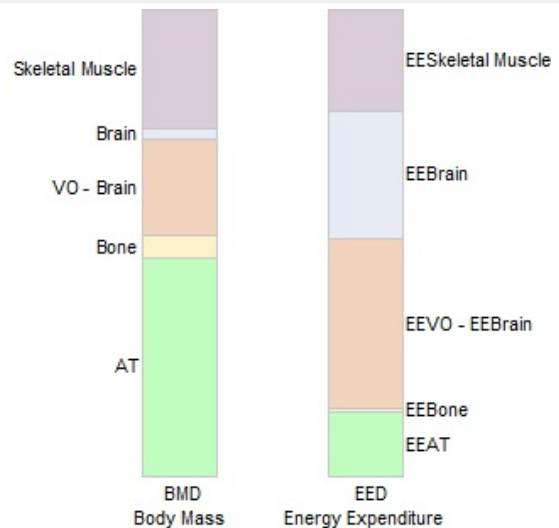
**Report analitico - non integrante il dispositivo BIA-ACC -**

**Energy regulation**

BMR % Distribution		Energy Transfer	
	100% normal	<b>Gly:</b>	0.93% FFM(0.467 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>	5.21 kg      10.4% FFM normal 2% - 5% FFM

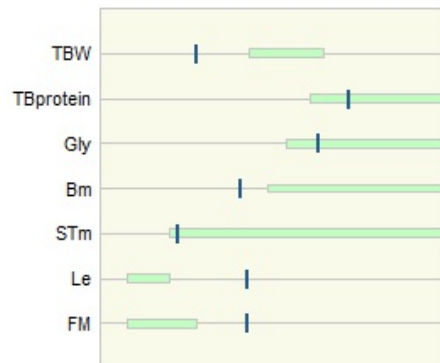
**Energy Distribution**

<b>24EE:</b>	1779 kcal/day	typical mean 1928 kcal/day
<b>BMR:</b>	1449 kcal/day	min 1300 kcal/day
<b>24EE - BMR:</b>	330 kcal/day	
<b>EEAT:</b>	169 kcal/day	typical mean 108 kcal/day
<b>EEVO:</b>	786 kcal/day	typical mean 1019 kcal/day
<b>EEBone:</b>	8 kcal/day	min 10 kcal/day
<b>EESkeletal Muscle:</b>	266 kcal/day	min 295 kcal/day
<b>EEBrain:</b>	337 kcal/day	typical mean 482 kcal/day
<b>EEIS:</b>	279 kcal/day	typical mean 406 kcal/day
<b>dEEMatrix:</b>	203 kcal/day	max 85 kcal/day
<b>TEOF:</b>	-220 kcal/day	typical mean -142 kcal/day
<b>EEspa:</b>	652 kcal/day	typical mean 472 kcal/day



VO <sub>2</sub>		
<b>VO<sub>2</sub> - PA-R<sub>0</sub>:</b>	28.4 ml / (kg x min)	Very poor
<b>VO<sub>2max</sub>:</b>	38.0 ml / (kg x min) min 42.5 ml / (kg x min)	Fair

**Molecular Analysis**



Nota: i valori cumulativi sono rappresentati con arrotondamento.