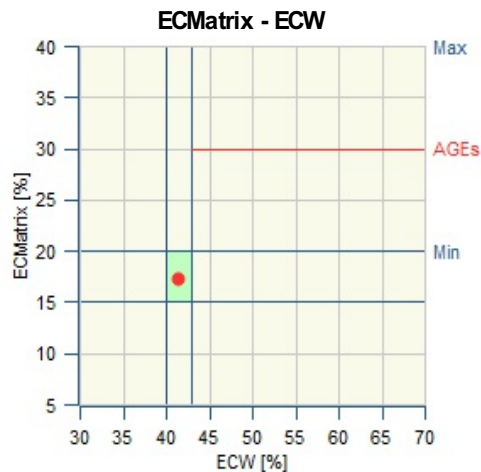


Dati generali e valori antropometrici

Paziente: xxxxxxxx
Data di nascita: 31/01/1988
Età: 28
Sesso: M
Altezza (cm): 174 Height
Peso (kg): 73.8 BodyWeight - BW
BMI (kg/m²): 24.4 Normal

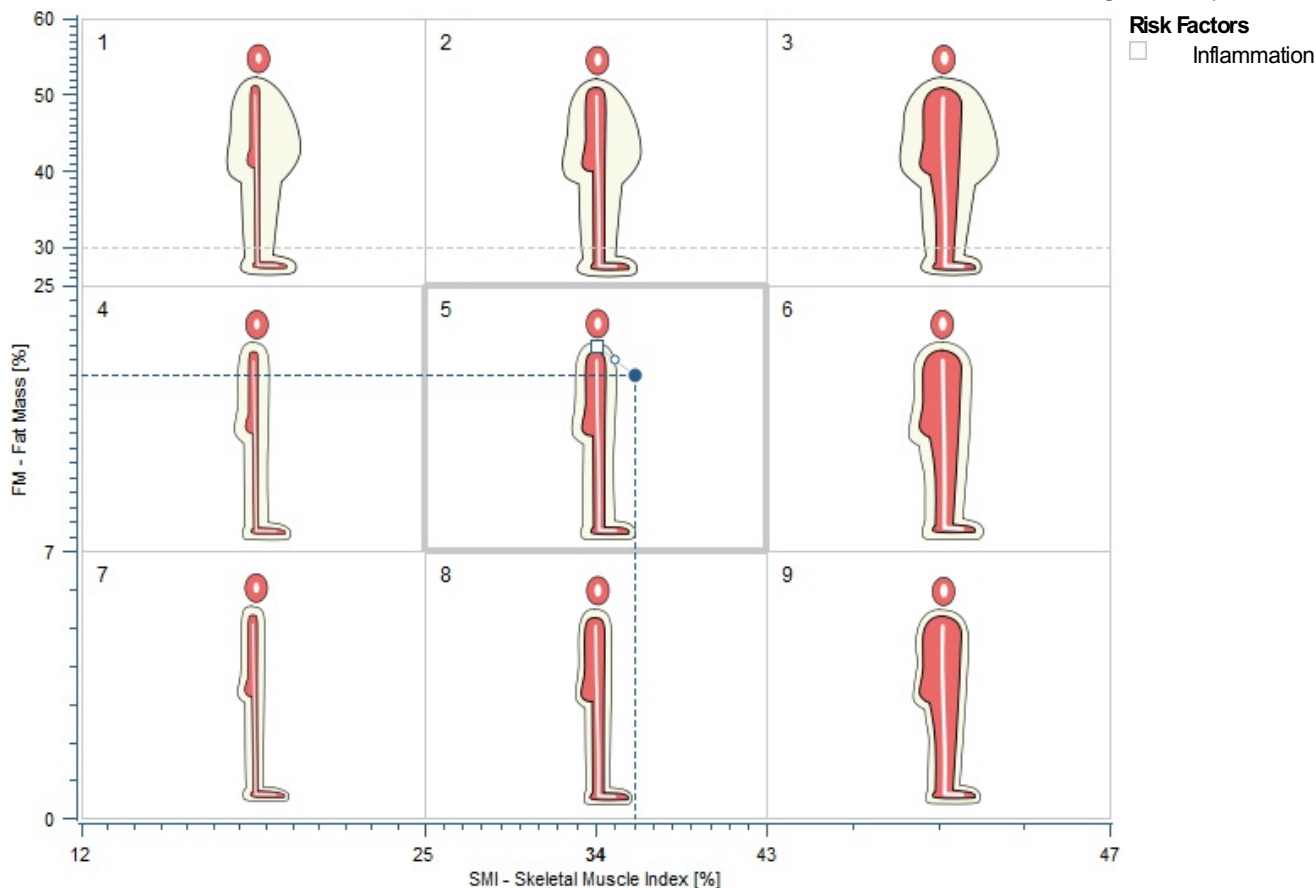
Analisi della composizione corporea

		Norms	
TBW (%):	64	50-65% BW	[46.9 lt]
ECW (%):	41	40% TBW	[19.4 lt]
ICW (%):	59	60% TBW	[27.5 lt]
FFM (%):	81	min 75%	[59.6 kg]
FM (%):	19	min 7% - max 25%	[14.2 kg]
ECMatrix (%):	17	15-20% BW	[12.7 kg]
BMR (kcal/day):	1658	min 1300 kcal/day	
HPA axis index (PA°):	5.0	Circadian	normal > 3.5



Skeletal Muscle Index - Fat Mass Analysis

Parte non integrante il dispositivo BIA-ACC



Report analitico - non integrante il dispositivo BIA-ACC -

Soft Tissue Minerals

Stm:	0.63 kg min 0.4 kg
ECK:	77.6 mmol (3.0 g) 1.82% TBK max 2% TBK
TBK:	4259 mmol (166 g) normal 3690 mmol
TBNa:	4385 mmol (101 g) ideale 3403 mmol, normal 78 - 98 g
TBCL:	2154 mmol (76 g) ideale 2326 mmol, normal 72 - 82 g
K/Mg ratio:	4.7 ideale 4.8, normal 4.6 - 5.0
O-PRAL:	27.9 max 25

Bone

Body Density:	1.055 g/cm ³ Normal density normal 1.030 - 1.060 g/cm ³
Bone:	5.3 kg min 3.9 kg, normal 4.7 kg
T-score:	0.7 Valori nella norma
Bm:	2.85 kg min 2.1 kg, normal 2.5 kg
TBCa:	0.97 kg 1.62% FFM min 1.40% FFM
Bbuffer:	0.037 kg 0.062% FFM min 0.050% FFM
TBMg:	0.023 kg 928.4 mmol normal 0.013 - 0.030 kg
TBP:	0.534 kg 17244.2 mmol normal 0.367 - 0.811 kg

TBW Turnover

TBW:	46.9 lt
Urine:	2.59 lt (min 1.5 lt)
Respirazione:	1.13 lt (min 0.7 lt, ideale > 1 lt)
Sudorazione:	0.23 lt
Transdermico:	0.23 lt
Scambio totale:	4.17 lt

Body Weight Target

Current weight:	73.8 kg
Ideal weight:	74.2 kg (min 71.9 kg, max 76.5 kg)
Current / Ideal weight:	1.00 (normal 0.94 - 1.05)
FM:	14.2 kg 19% Health standard
FFM:	59.6 kg

Active Metabolic Mass

Skeletal Muscle:	26.7 kg	44.8% FFM min 35% FFM, norm > 40% FFM
wSMI:	36%	Normal min 34%
hSMI:	8.8 kg/m ² min 7.2 kg/m ²	
S-score:	1.7	Valori nella norma
ALST:	23.0 kg	38.6% FFM min 30% FFM
AT:	17.7 kg	24.0% BW max 31% BW
AAT:	215.5 cm ² max 560.0 cm ²	
IMAT:	0.9 kg	1.3% BW max 2% BW, ideale < 1.5% BW
Fitness index:	1.89 min 0.54, ideale 1.20	
Gly:	1.00% FFM (0.596 kg) min 0.8% FFM, ideale 1.0% FFM	
Visceral Organs:	24.1 kg normal 23.0 kg	40.4% FFM min 41% FFM

Proteins

TBprotein:	22.70% FFM (13.54 kg) min 18% FFM, ideale 20% FFM
BCMprotein:	10.54 kg Proteic anions
ECFprotein:	0.21 kg Catabolites
ECMprotein:	2.79 kg min 2kg Collagen
Cr-24h:	1.6 g-24h normal 1.0 - 1.9 g-24h
Cr-serum:	1.4 mg/dl normal 0.7 - 1.2 mg/dl

Cellular Analysis

BCM:	35.4 kg	59.3% FFM
ECM:	24.3 kg	
FM:	14.2 kg	19% BW
BW:	73.8 kg	
ECM / BCM ratio:	0.69	ideale 1.00, normal 0.80 - 1.10
K / ICW ratio:	6.04 g/lt	normal 6.02 - 6.05 g/lt

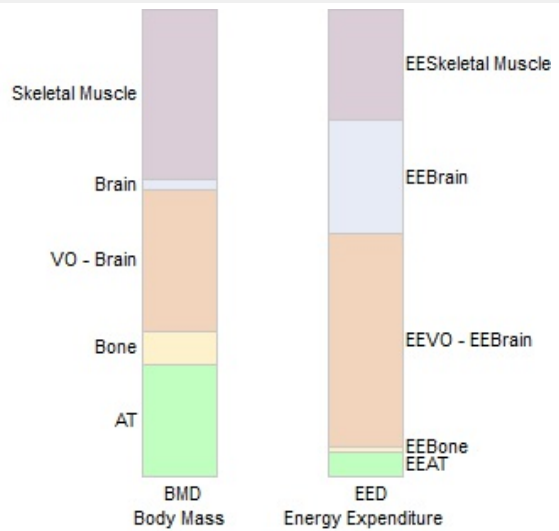
Report analitico - non integrante il dispositivo BIA-ACC -

Energy regulation

BMR % Distribution		Energy Transfer	
	100% normal	Gly:	1.00% FFM (0.596 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

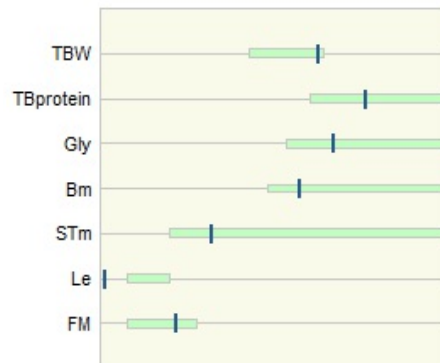
24EE:	2027 kcal/day	typical mean 1928 kcal/day
BMR:	1658 kcal/day	min 1300 kcal/day
24EE - BMR:	369 kcal/day	
EEAT:	80 kcal/day	typical mean 108 kcal/day
EEVO:	1036 kcal/day	typical mean 1019 kcal/day
EEBone:	12 kcal/day	min 10 kcal/day
EESkeletal Muscle:	348 kcal/day	min 295 kcal/day
EEBrain:	360 kcal/day	typical mean 482 kcal/day
EEIS:	398 kcal/day	typical mean 406 kcal/day
dEEMatrix:	-8 kcal/day	max 85 kcal/day
TEOF:	-183 kcal/day	typical mean -142 kcal/day
EEspa:	537 kcal/day	typical mean 472 kcal/day



VO₂

VO₂ - PA-R₀:	37.7 ml / (kg x min)	Fair
VO_{2max}:	42.5 ml / (kg x min) min 42.5 ml / (kg x min)	Good

Molecular Analysis



BIA-ACC

08/09/2016 - 11:50

Date	28/02/2015	11/06/2016	22/06/2016	28/07/2016	08/09/2016
Weight [kg]	72.0	71.0	74.7	71.7	73.8
Body Density [g/cm ³]	1.052	1.054	1.055	1.055	1.055
Skeletal Muscle [kg]	24.5	25.0	27.2	25.6	26.7
Skeletal Muscle [% FFM]	42.9	43.9	45.3	44.1	44.8
wSMI [%]	34	35	36	36	36
hSMI [kg/m ²]	8.1	8.2	9.0	8.4	8.8
S-score	0.9	1.1	1.8	1.3	1.7
Bone [kg]	4.9	4.9	5.4	5.1	5.3
T-score	0.2	0.2	0.7	0.4	0.7
TBMg [kg]	0.021	0.021	0.023	0.022	0.023
TBP [kg]	0.494	0.497	0.542	0.511	0.534
FM [kg]	15.0	14.2	14.6	13.7	14.2
FM [%]	21	20	19	19	19
AAT [cm ²]	231.2	215.4	223.2	207.0	215.5
IMAT [%]	1.4	1.3	1.3	1.3	1.3
VO _{2rest}	Fair	Fair	Fair	Fair	Fair
VO _{2max}	Excellent	Fair	Fair	Good	Good
ECMatrix [kg]	13.5	13.4	12.6	13.1	12.7
ECMatrix [%]	19	19	17	18	17
TBW [lt]	43.5	43.4	47.5	44.9	46.9
TBW [%]	60	61	64	63	64
ECW [lt]	18.2	17.7	19.5	18.5	19.4
ECW [%]	42	41	41	41	41
HPA axis index [PA°]	4.4	5.5	4.8	5.3	5.0
ECK [%]	1.86	1.77	1.80	1.82	1.82

Nota: i valori cumulativi sono rappresentati con arrotondamento.