

National Endocrinology Research Center

Moscow, Dmitry Ulyanova Str, 11, IDXA

Phone:

Patient:				Referring Physician: Chernova T.O.
Birth Date:	03.12.1990	Age:	26,8 years	Patient ID: 00
Height:	185,4 cm	Weight:	103,4 kg	Measured: 05.10.2017 9:27:58 (15 [SP 4])
Sex:	Male	Ethnicity:	White	Analyzed: 05.10.2017 9:28:42 (15 [SP 4])

BODY COMPOSITION: Total Body (Enhanced Analysis)

Region	Tissue (%Fat)	Region (%Fat)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Total Mass (kg)
Arms	34,6	33,1	11 054	3 820	7 234	490	11,5
Arm Right	34,4	33,0	5 628	1 937	3 691	251	5,9
Arm Left	34,7	33,2	5 426	1 883	3 543	238	5,7
Arms Diff.	-0,3	-0,3	202	55	148	13	0,2
Legs	36,0	34,7	37 098	13 357	23 741	1 360	38,5
Leg Right	36,2	34,9	18 942	6 849	12 093	688	19,6
Leg Left	35,8	34,6	18 156	6 508	11 648	673	18,8
Legs Diff.	0,3	0,3	786	341	445	15	0,8
Trunk	43,6	42,6	44 932	19 569	25 362	1 040	46,0
Trunk Right	44,2	43,2	22 592	9 990	12 602	535	23,1
Trunk Left	42,9	41,9	22 340	9 580	12 760	505	22,8
Trunk Diff.	1,3	1,3	252	410	-158	30	0,3
Android	47,6	47,2	7 561	3 598	3 963	59	7,6
Gynoid	38,5	37,6	15 424	5 934	9 490	345	15,8
Total	38,6	37,2	98 257	37 887	60 370	3 581	101,8
Total Right	38,9	37,5	49 823	19 359	30 463	1 834	51,7
Total Left	38,3	36,9	48 434	18 527	29 907	1 747	50,2
Total Diff.	0,6	0,6	1 389	832	557	87	1,5

Fat Mass Ratios:

Trunk Fat Mass/Total Fat Mass	Legs Fat Mass/Total Fat Mass	Limbs Fat Mass/Trunk Fat Mass
0,52	0,35	0,88

Estimated Visceral Adipose Tissue

Volume	Mass
1 770 cm ³	1 670 g

Resting Metabolic Rate (RMR)

1 673 cal/day

Mifflin-St Jeor

Relative Skeletal Muscle Index (RSMI)

9,01 kg/m²

Baumgartner

Hydration Levels

Total Body Water (TBW):	-
Intra-cellular Water (ICW):	-
Extra-cellular Water (ECW):	-
TBW Device:	-

*Замечание: Масса жира 38,6% от массы тела = 39,8 кг
 Дифференциально измеренное количество
 масса не в норме. Количество жира 3,58 кг.
 Мышечная масса:
 % мышечной 38,6
 % жировой 37,2
 37,88 кг
 Объем мыш. массы V = 1,770 см³
 масса 1,670 кг.
 Масса + вес органов + жидкости - 60,8 кг*

Statistically 68% of repeat scans fall within 1SD (± 0,4 % Fat, ±150 g Tissue Mass, ±280 g Fat Mass, ±310 g Lean Mass for Total Body Total)

Date created: 05.10.2017 9:28:55 15 [SP 4]; Filename: 614cxo4ibn.meb; Total Body: 100;0;19;76;92;31,2 0,00;-1,00 2,40x3,04 14,4;%Fat=38,6%; 0,00;0,00 0,00;0,00; Scan Mode: Thick; 6,0 µg

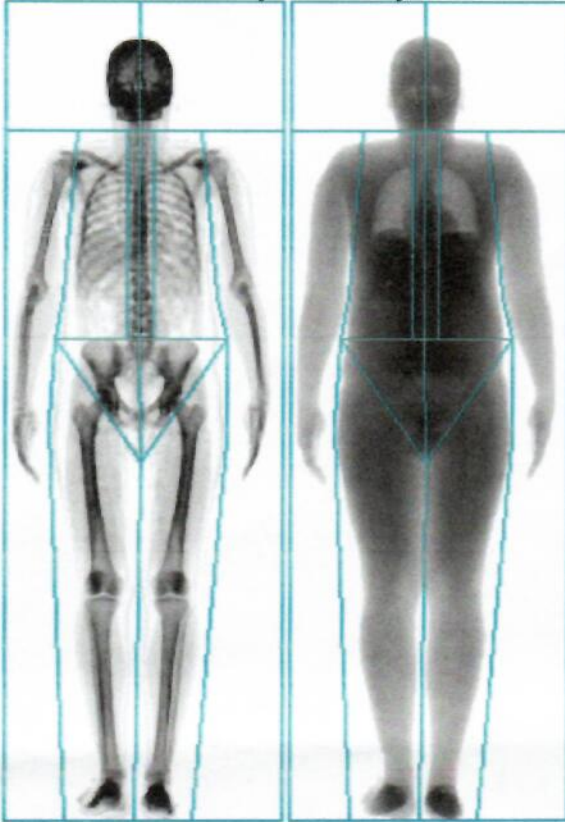
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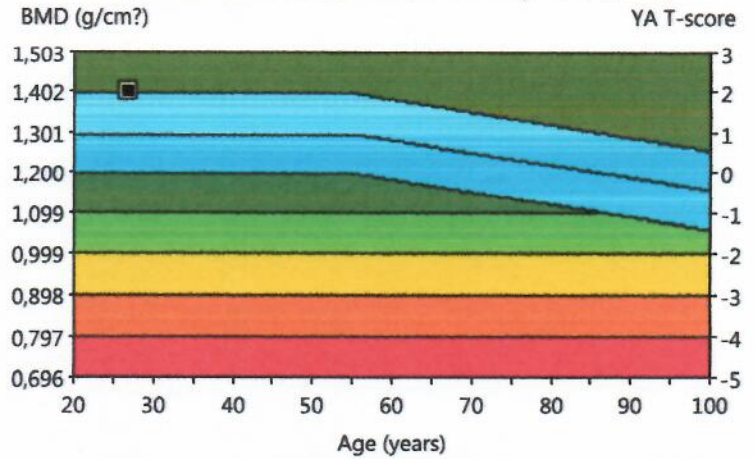
Phone:

Patient:	[REDACTED]			Referring Physician:	Chernova T.O.
Birth Date:	03.12.1990	Age:	26,8 years	Patient ID:	00
Height:	185,4 cm	Weight:	103,4 kg	Measured:	05.10.2017 9:27:58 (15 [SP 4])
Sex:	Male	Ethnicity:	White	Analyzed:	05.10.2017 9:28:42 (15 [SP 4])

Total Body Bone Density



USA (Combined NHANES/Lunar) Total Body: Total (BMD)



Region	BMD (g/cm ²)	Young-Adult T-score	Age-Matched Z-score
Head	2,557	-	-
Arms	1,088	-	-
Legs	1,413	-	-
Trunk	1,200	-	-
Ribs	1,133	-	-
Spine	1,350	-	-
Pelvis	1,172	-	-
Total	1,404	2,0	1,1

COMMENTS:

Statistically 68% of repeat scans fall within 1SD ($\pm 0,010$ g/cm² for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (v113); Matched for Age, Weight (males 25-100 kg), Ethnic

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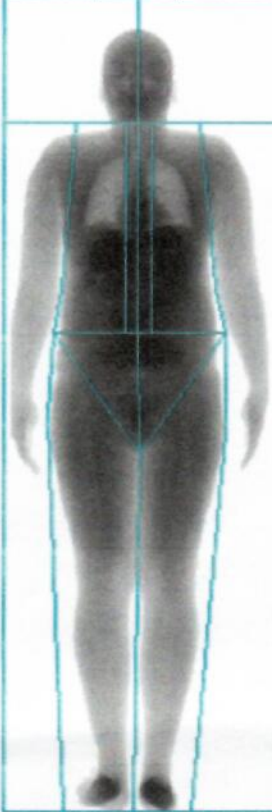
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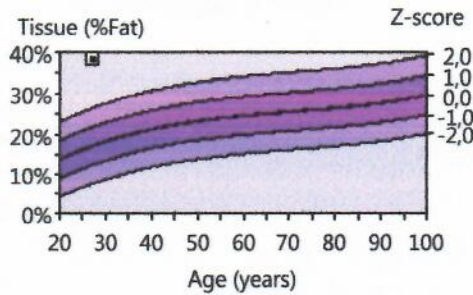
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Total Body Tissue Quantitation

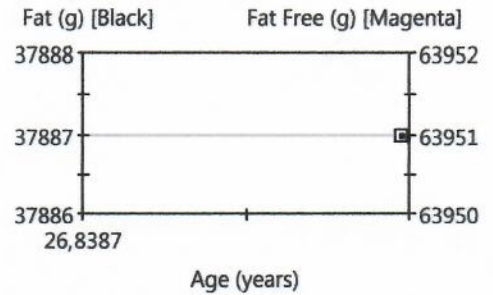


Composition (Enhanced Analysis)							
Region	Tissue (%Fat)	Z-score	Total Mass (kg)	Fat (g)	Lean (g)	BMC (g)	
Arms	34,6	-	11,5	3 820	7 234	490	
Legs	36,0	-	38,5	13 357	23 741	1 360	
Trunk	43,6	-	46,0	19 569	25 362	1 040	
Android	47,6	-	7,6	3 598	3 963	59	
Gynoid	38,5	-	15,8	5 934	9 490	345	
Total	38,6	4,5	101,8	37 887	60 370	3 581	

USA (Lunar) Total Body: Total



Total Body: Total

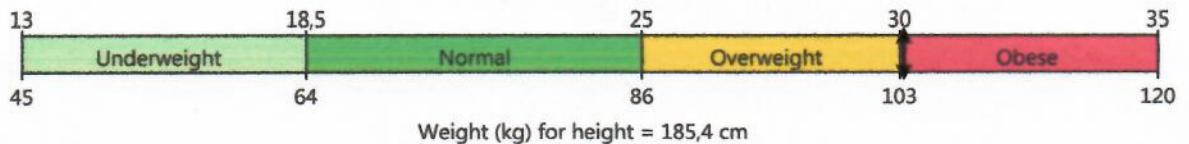


USA (Combined NHANES/Lunar) Trend: Total (Enhanced Analysis)									
Measured Date	Age (years)	Tissue (%Fat)	Z-score	Total Mass (kg)	Tissue (g)	Fat (g)	Lean (g)	BMC (g)	Fat Free (g)
05.10.2017	26,8	38,6	4,5	101,8	98 257	37 887	60 370	3 581	63 951

USA (Combined NHANES/Lunar) Trend: Fat Distribution (Enhanced Analysis)					
Measured Date	Age (years)	Android (%Fat)	Gynoid (%Fat)	A/G Ratio	Total (%Fat)
05.10.2017	26,8	47,6	38,5	1,24	38,6

World Health Organization BMI Classification

BMI = 30,1 (kg/m²)



COMMENTS:

Statistically 68% of repeat scans fall within 1SD ($\pm 0,4$ % Fat, ± 150 g Tissue Mass, ± 280 g Fat Mass, ± 310 g Lean Mass for Total Body Total); USA (Lunar) Total Body Composition Reference Population (v113); Composition Matched for Age

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ANCILLARY RESULTS: Total Body (Enhanced Analysis)

Region	BMD (g/cm ²)	Young-Adult		Age-Matched		BMC (g)	Area (cm ²)
		(%)	T-score	(%)	Z-score		
Head	2,557	-	-	-	-	691	270
Arms	1,088	-	-	-	-	490	450
Arm Right	1,052	-	-	-	-	251	239
Arm Left	1,128	-	-	-	-	238	211
Legs	1,413	-	-	-	-	1 360	963
Leg Right	1,407	-	-	-	-	688	489
Leg Left	1,419	-	-	-	-	673	474
Trunk	1,200	-	-	-	-	1 040	867
Trunk Right	1,213	-	-	-	-	535	441
Trunk Left	1,186	-	-	-	-	505	426
Ribs	1,133	-	-	-	-	381	336
Spine	1,350	-	-	-	-	284	210
Pelvis	1,172	-	-	-	-	375	320
Total	1,404	113	2,0	107	1,1	3 581	2 550
Total Right	1,399	-	-	-	-	1 834	1 311
Total Left	1,410	-	-	-	-	1 747	1 239

Statistically 68% of repeat scans fall within 1SD ($\pm 0,010$ g/cm² for Total Body Total); USA (Combined NHANES (ages 20-30) / Lunar (ages 20-40)) Total Body Reference Population (v113); Matched for Age, Weight (males 25-100 kg), Ethnic

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GE Healthcare

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Lunar iDXA
ME+210371