

Hologic Horizon Apex v. 5.5

Total Body Densitometry – save as *ID_visit#_Bone*

Name:
Patient
DOB:

Sex:
Ethn

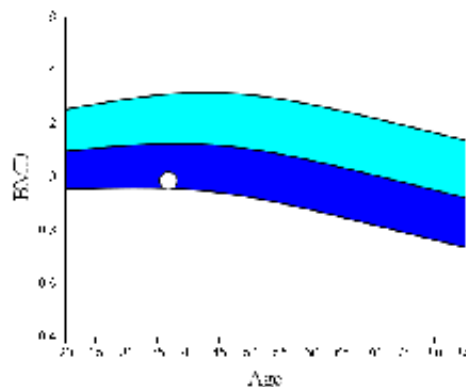
Height
Weight
Age:

Referring Physician: Baker



Image not for diagnostic use
k = 1.184, d0 = 53.2
327 x 150

Total



Scan Information:

Scan Date: December 04, 2019 ID: A1204190C
Scan Type: a Whole Body
Analysis: December 04, 2019 12:59 Version 13.6.0.5:3
Auto Whole Body Fan Beam
Operator: RS
Model: Horizon A (S/N 302081M)
Comment:

DXA Results Summary:

Region	Area (cm²)	BMC (g)	BMD (g/cm²)	T-score	Z-score
L Arm	195.59	134.97	0.690		
R Arm	211.09	144.04	0.682		
L Ribs	102.96	61.36	0.596		
R Ribs	95.41	49.60	0.520		
T Spine	131.19	104.69	0.798		
L Spine	49.29	43.97	0.892		
Pelvis	201.55	213.00	1.057		
L Leg	347.85	368.09	1.058		
R Leg	347.45	345.60	0.995		
Subtotal	1682.38	1465.33	0.871		
Head	197.18	388.04	1.968		
Total	1879.56	1853.37	0.986		-1.6

Total BMD CV 1.0%, ACF = 1.029, BCF = 0.984

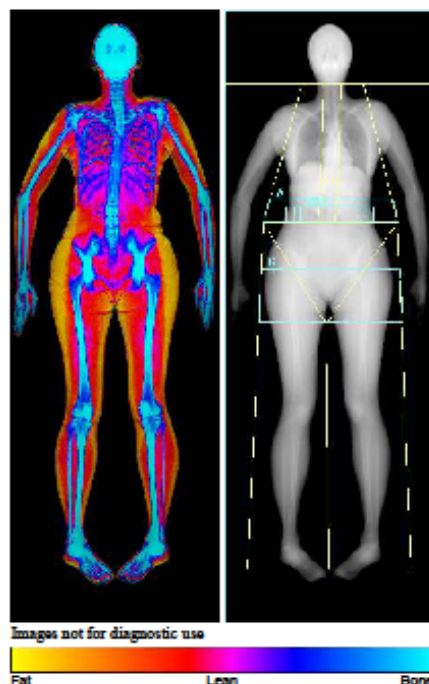
Comment:

T-score vs. White Female. Source:2012 BMDCS/NHANES. Z-score vs. White Female.
Source:2012 BMDCS/NHANES.

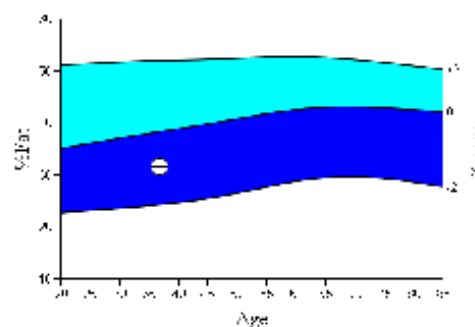
Hologic Horizon Apex v. 5.5

Total Body Composition – save as *ID_visit#_BC*

Name:	Sex:	Height:
Patient:	Ethnicity:	Weight:
DOB:		Age:

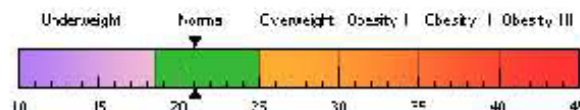


Total Body % Fat



Source: 2008 NHANES White Female

World Health Organization Body Mass Index Classification
BMI = 21.1 WHO Classification Normal



BMI has some limitations and an actual diagnosis of overweight or obesity should be made by a health professional. Obesity is associated with heart disease, certain types of cancer, type 2 diabetes, and other health risks. The higher a person's BMI is above 25, the greater their weight-related risks.

Body Composition Results

Region	Fat Mass (g)	Lean + BMC (g)	Total Mass (g)	% Fat	T-score	% Fat Z-score
L Arm	1095	2137	3232	33.9	-0.7	-0.9
R Arm	1203	2303	3506	34.3	-0.5	-0.8
Trunk	7231	20854	28086	25.7	-0.8	-1.1
L Leg	4527	7471	11998	37.7	-0.6	-0.7
R Leg	4665	7198	11863	39.3	-0.4	-0.5
Subtotal	18722	39964	58685	31.9	-0.7	-1.0
Head	1043	2766	3809	27.4		
Total	19764	42730	62494	31.6	-0.6	-0.9
Android (A)	1041	2924	3966	26.3		
Gynoid (G)	4302	6724	11026	39.0		

Scan Date: December 04, 2019 ID: A1204190C
 Scan Type: a Whole Body
 Analysis: December 04, 2019 12:59 Version 13.6.0.5
 Auto Whole Body Fan Beam
 Operator: RS
 Model: Horizon A (S/N 302081M)
 Comment:

Adipose Indices

Measure	Result	T-score	Z-score
Total Body % Fat	31.6	-0.6	-0.9
Fat Mass/Height ² (kg/m ²)	6.72	-0.7	-1.0
Android/Gynoid Ratio	0.67		
% Fat Trunk/% Fat Legs	0.67	-0.7	-1.0
Trunk/Limb Fat Mass Ratio	0.63	-0.9	-1.3
Est. VAT Mass (g)	183		
Est. VAT Volume (cm ³)	198		
Est. VAT Area (cm ²)	37.9		

Lean Indices

Measure	Result	T-score	Z-score
Lean/Height ² (kg/m ²)	13.9	-0.6	-0.8
Appen. Lean/Height ² (kg/m ²)	6.16	-0.3	-0.3

Est. VAT = Estimated Visceral Adipose Tissue

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Total Body Composition Ancillary – save as
ID_visit#_BCExt

Name:	Sex:	Heigl
Patient	Ethn	Weig
DOB:		Age:

Scan Information:

Scan Date: December 04, 2019 ID: A1204190C
Scan Type: a Whole Body
Analysis: December 04, 2019 12:59 Version 13.6.0.5
Auto Whole Body Fan Beam
Operator: RS
Model: Horizon A (S/N 302081M)
Comment:

DXA Results Summary:

Region	BMC (g)	Fat Mass (g)	Lean Mass (g)	Lean + BMC (g)	Total Mass (g)	% Fat
L Arm	134.97	1095.2	2002.0	2137.0	3232.3	33.9
R Arm	144.04	1203.0	2159.4	2303.5	3506.5	34.3
Trunk	472.62	7231.2	20381.8	20854.4	28085.6	25.7
L Leg	368.09	4527.2	7102.9	7471.0	11998.1	37.7
R Leg	345.60	4665.2	6852.2	7197.8	11863.0	39.3
Subtotal	1465.33	18721.7	38498.4	39963.7	58685.4	31.9
Head	388.04	1042.8	2377.9	2766.0	3808.7	27.4
Total	1853.37	19764.5	40876.3	42729.7	62494.2	31.6

TBAR1209 - NHANES BCA calibration

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Lumbar Spine – save as *ID_visit#_LS*

Name	Sex:	Height
Patier	Ethn	Weight
DOB:		Age:

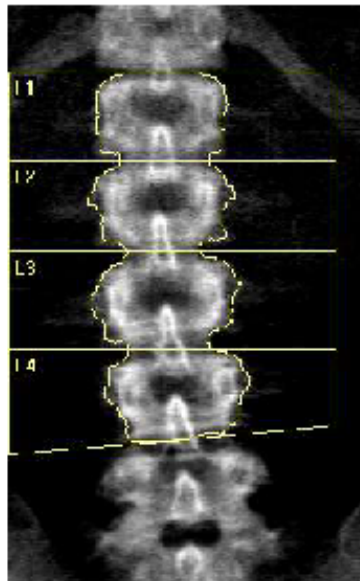


Image not for diagnostic use
k = 1.130, d0 = 48.6
116 x 135

Scan Information:

Scan Date: December 04, 2019 ID: A1204190D
Scan Type: a Lumbar Spine
Analysis: December 04, 2019 12:57 Version 13.6.0.5
Spine
Operator: RS
Model: Horizon A (S/N 302081M)
Comment:

DXA Results Summary:

Region	Area (cm ²)	BMC (g)	BMD (g/cm ³)	T-score	Z-score
L1	13.26	11.58	0.873		-1.0
L2	13.72	12.94	0.943		-0.7
L3	14.81	13.93	0.941		-1.2
L4	13.97	13.40	0.959		-0.8
L1-L2	26.99	24.52	0.909		-0.5
L1,L3	28.07	25.51	0.909		-0.8
L1,L4	27.24	24.98	0.917		-1.0
L2-L3	28.53	26.88	0.942		-0.9
L2,L4	27.70	26.35	0.951		-1.0
L3-L4	28.78	27.34	0.950		-1.3
L1-L3	41.79	38.45	0.920		-0.8
L1-L2,L4	40.96	37.92	0.926		-0.9
L1,L3-L4	42.04	38.91	0.925		-1.0
L2-L4	42.50	40.28	0.948		-1.1
L1-L4	55.77	51.85	0.930		-1.0

Total BMD CV 1.0%

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Dual Hip – save as *ID_visit#_DH*

Name:	Sex	Hei
Patie:	Eth	Wei
DOB		Age

Referring Physician: Baker

a Right Hip 12/04/2019

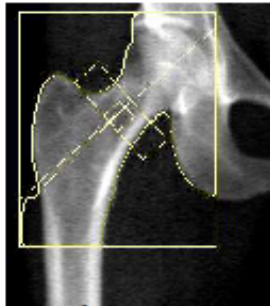


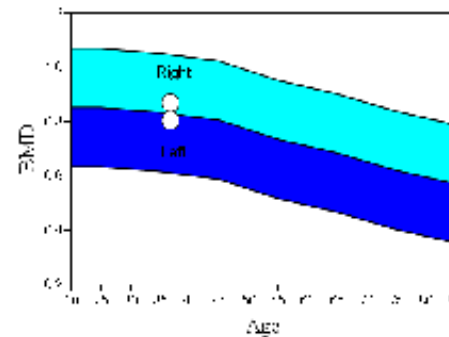
Image not for diagnostic use
k = 1.132, d0 = 52.0
93 x 110 NECK: 49 x 15

a Left Hip 12/04/2019



Image not for diagnostic use
k = 1.133, d0 = 52.2
101 x 110 NECK: 49 x 15

Neck



T-score vs. White Female. Source:2012 BMDCS/NHANES White Female. Z-score
vs. White Female. Source:2012 BMDCS/NHANES White Female.

DXA Results Summary:

Region	Area (cm ²)	BMC (g)	BMD (g/cm ²)	T - score	Z - score
Neck					
Left	4.86	3.90	0.804		-0.2
Right	4.30	3.73	0.868		0.4
Mean	4.58	3.82	0.836		0.1
Diff	0.55	0.17	0.064		0.6
Total					
Left	37.75	31.54	0.835		-0.8
Right	33.23	27.91	0.840		-0.7
Mean	35.49	29.72	0.838		-0.7
Diff	4.52	3.63	0.005		0.0

Total BMD CV 1.0%

Comment:

Right - Scan Id:A1204190F(S/N 302081M) Analysis:December 04, 2019 12:56 Hip V:13.6.0.5 Operator: RS Comment:
Left - Scan Id:A1204190E(S/N 302081M) Analysis:December 04, 2019 12:56 Hip V:13.6.0.5 Operator: RS Comment:

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Dual Hip Ancillary – save as *ID_visit#_DHExt*

Name	Sex:	Height
Patient	Ethnicity	Weight
DOB:		Age:

Referring Physician: Baker

Extended Dual Hip Results:

Region	Area (cm ²)	BMC (g)	BMD (g/cm ³)	T - score	Z - score
Neck					
Left	4.86	3.90	0.804		-0.2
Right	4.30	3.73	0.868		0.4
Mean	4.58	3.82	0.836		0.1
Diff	0.55	0.17	0.064		0.6
Ward's					
Left	1.12	0.66	0.594		-0.8
Right	1.12	0.70	0.626		-0.5
Mean	1.12	0.68	0.610		-0.6
Diff	0.00	0.03	0.031		0.3
Trochanter					
Left	2.97	2.39	0.803		1.0
Right	13.05	8.55	0.655		-0.4
Mean	8.01	5.47	0.729		0.3
Diff	10.07	6.16	0.148		1.5
Inter					
Left	29.92	25.24	0.844		-1.6
Right	15.88	15.63	0.984		-0.7
Mean	22.90	20.44	0.914		-1.2
Diff	14.04	9.62	0.141		0.9
Total					
Left	37.75	31.54	0.835		-0.8
Right	33.23	27.91	0.840		-0.7
Mean	35.49	29.72	0.838		-0.7
Diff	4.52	3.63	0.005		

Total BMD CV 1.0%

Scan Information:

Scan Date: December 04, 2019 ID: A1204190F
Scan Type: a Right Hip
Analysis: December 04, 2019 12:56 Version 13.6.0.5
Hip
Operator: RS
Model: Horizon A (S/N 302081M)
Comment:

Scan Date: December 04, 2019 ID: A1204190E
Scan Type: a Left Hip
Analysis: December 04, 2019 12:56 Version 13.6.0.5
Hip
Operator: RS
Model: Horizon A (S/N 302081M)
Comment:

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R or L Radius – save as ***ID_visit#_Rad***

** if you scan both radii you will only get data from a single scan, place the other side scans in a separate input folder and repeat the process and simply cut and past the data into your main data document.*

Name	Sex:	Height
Patient	Ethnicity	Weight
DOB:		Age:

Referring Physician: Baker

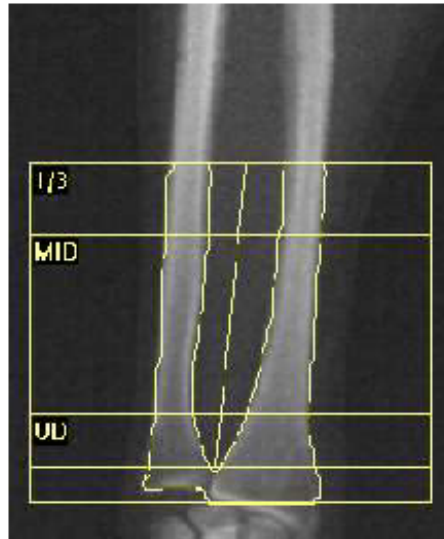


Image not for diagnostic use
k = 1.200, d0 = 71.8
228 x 97, Forearm Length: 26.2 cm

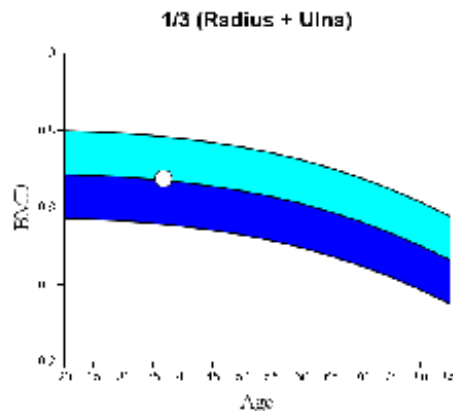
Scan Information:

Scan Date: December 04, 2019 ID: A1204190H
Scan Type: a R.Forearm
Analysis: December 04, 2019 13:18 Version 13.6.0.5:3
Right Forearm
Operator: RS
Model: Horizon A (S/N 302081M)
Comment:

DXA Results Summary:

Radius + Ulna	Area (cm ²)	BMC (g)	BMD (g/cm ²)	T-score	Z-score
1/3	4.46	3.00	0.673		0.1
MID	11.07	6.19	0.559		-0.3
UD	5.09	1.81	0.355		-0.9
Total	20.61	10.99	0.533		-0.3

Total BMD CV 1.0%, ACF = 1.029, BCF = 0.984



Comment:

T-score vs. White Female. Source:Hologic Z-score vs. White Female. Source:Hologic