



Revised

Drs. Maklansky, Kurzban, Cohen, Zimmer, Hyman, Berson, Maklansky

November 4, 2022

Cristina Matera MD

50 E 77th St

New York, NY 10021

Dear Dr Matera:

We are contacting you with regard to the recent DEXA Bone Density Scan performed on your patient. Due to an issue with the Hologic System's repair and calibration at the time of the scan, the results of the original scan were inflated. Hologic has recalibrated the unit, the data has been re-analyzed and the Amended Report is attached.

NYMI remains committed to providing the highest quality diagnostic imaging to patients and physicians, and patient care remains our priority and constant focus. We recognize the unavoidable delay in producing the DEXA Bone Density Scan results impacts our referring physicians and their patients, however we believe the re-analysis of the data was necessary to ensure the accuracy of the DEXA Bone Density Scan results and maintain our quality standards. If you have additional questions regarding this information, please contact us, it would be our pleasure to speak with you.

Thank you.

New York Medical Imaging Associates

Spine = 3.0

4.190  
improvement

**NYMI Associates**  
 165 East 84th street  
 New York, NY 10028

## Bone Density Report

Name:	Sex: Female	Age: 63
Patient ID:	Ethnicity: White	Height: 62.0 in
Referring Provider: MATERA, CRISTINA	Date of Birth: 07/25/1959	Weight: 101.0 lb

**Indication:** postmenopausal osteoporosis;

**Accession number:**

**NOTE: AMENDED REPORT**

1/3/23  
 pt imbraced

**Bone Density:** Exam date 10/12/2022

Region	BMD (g/cm <sup>2</sup> )	T-score	Z-score	Classification
AP Spine(L1-L4)	0.719	-3.0	-1.3	Osteoporosis
Femoral Neck(Left)	0.581	-2.4	-1.0	Osteopenia
Total Hip(Left)	0.722	-1.8	-0.7	Osteopenia
Femoral Neck(Right)	0.614	-2.1	-0.7	Osteopenia
Total Hip(Right)	0.764	-1.5	-0.3	Osteopenia
Total Hip Mean	0.743	-1.7	-0.5	Osteopenia

*World Health Organization criteria for BMD impression classify patients as Normal (T-score at or above 1.0), Osteopenia (T-score between -1.0 and -2.5), or Osteoporosis (T-score at or below -2.5).*

**Previous Exams:**

Region	Exam Date	Age	BMD (g/cm <sup>2</sup> )	T-score	BMD Change vs. Baseline	BMD Change vs. Previous
AP Spine(L1-L4)	10/12/2022	63	0.719	-3.0	-12.8%*	4.1%*
	09/17/2021	62	0.690	-3.2	-16.3%*	-2.1%
	09/25/2020	61	0.705	-3.1	-14.5%*	-5.7%*
	05/10/2019	59	0.748	-2.7	-9.3%*	6.6%*
	12/15/2017	58	0.701	-3.1	-14.9%*	-12.9%*
	07/23/2013	53	0.805	-2.2	-2.3%	-2.5%
	11/06/2001	42	0.826	-2.0	0.2%	0.2%
	10/28/1999	40	0.824	-2.0		
Total Hip(Left)	10/12/2022	63	0.722	-1.8	8.4%*	2.5%
	09/17/2021	62	0.704	-2.0	5.7%*	-2.9%
	09/25/2020	61	0.725	-1.8	8.8%*	-0.5%



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## Bone Density Report

Name:	Sex: Female	Age: 63
Patient ID:	Ethnicity: White	Height: 62.0 in
Referring Provider: MATERA, CRISTINA	Date of Birth: 07/25/1959	Weight: 101.0 lb

**Previous Exams:**

Region	Exam Date	Age	BMD (g/cm <sup>2</sup> )	T-score	BMD Change vs. Baseline	BMD Change vs. Previous
	05/10/2019	59	0.728	-1.8	9.4%*	-2.8%
	12/15/2017	58	0.749	-1.6	12.5%*	-0.5%
	07/23/2013	53	0.753	-1.5	13.1%*	10.5%*
	11/06/2001	42	0.682	-2.1	2.4%	2.4%
	10/28/1999	40	0.666	-2.3		
Femoral Neck(Left)	10/12/2022	63	0.581	-2.4	-5.2%*	-3.3%
	09/17/2021	62	0.601	-2.2	-1.9%	-4.8%*
	09/25/2020	61	0.631	-2.0	3.0%	0.0%
	05/10/2019	59	0.631	-2.0	3.0%	-3.1%
	12/15/2017	58	0.651	-1.8	6.3%*	-1.3%
	07/23/2013	53	0.659	-1.7	7.6%*	10.7%*
	11/06/2001	42	0.595	-2.3	-2.8%	-2.8%
	10/28/1999	40	0.612	-2.1		
Total Hip(Right)	10/12/2022	63	0.764	-1.5	1.1%	3.1%
	09/17/2021	62	0.741	-1.6	-2.0%	-1.4%
	09/25/2020	61	0.752	-1.6	-0.6%	-0.6%
	05/10/2019	59	0.756	-1.5		
Femoral Neck(Right)	10/12/2022	63	0.614	-2.1	-2.8%	0.2%
	09/17/2021	62	0.613	-2.1	-2.9%	3.3%
	09/25/2020	61	0.594	-2.3	-6.0%*	-6.0%*
	05/10/2019	59	0.631	-2.0		

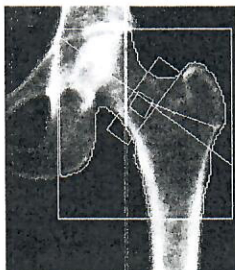
\*Denotes significance at 95% confidence level, LSC for AP Spine = 0.022 g/cm<sup>2</sup>, LSC for Femoral Neck = 0.029 g/cm<sup>2</sup>

**Impression:** The patient has osteoporosis, based on the Total Spine T-score. No significant bone loss was observed.

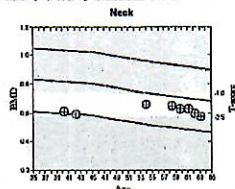
**Reported by:** Jerald Zimmer MD on 11/06/2022 1:39:00 PM.

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**New York, NY 10028**

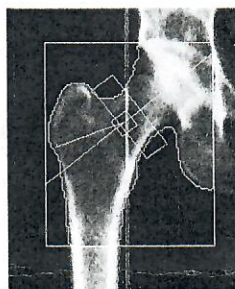
Name:	Sex: Female	Height: 62.0 in
Patient ID:	Ethnicity: White	Weight: 101.0 lb
Age: 63	Date of Birth: 07/25/1959	Menopause Age: 54



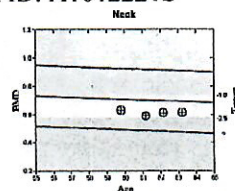
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 Scan ID: A1012221R



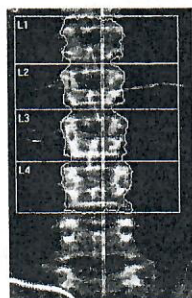
Scan Type: f Left Hip



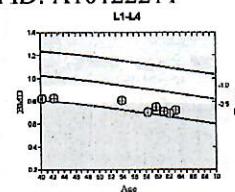
Scan Date: October 12, 2022  
 Scan ID: A1012221S



Scan Type: x Right Hip



Scan Date: October 12, 2022  
 Scan ID: A1012221T



Scan Type: f Lumbar Spine

**Results:**

	BMD (g/cm <sup>2</sup> )	T-score	PR (%)	Z-score	AM (%)
Left Hip (Neck)	0.581	-2.4	68	-1.0	84
Left Hip (Total)	0.722	-1.8	77	-0.7	90
Right Hip (Neck)	0.614	-2.1	72	-0.7	89
Right Hip (Total)	0.764	-1.5	81	-0.3	95
Spine (Total)	0.719	-3.0	69	-1.3	83
Total BMD CV 1%					

**Summary:**

	Classification
Left Hip BMD (Neck)	Osteopenia
Left Hip BMD (Total)	Osteopenia
Right Hip BMD (Neck)	Osteopenia
Right Hip BMD (Total)	Osteopenia
Spine BMD (Total)	Osteoporosis

A spine fracture indicates 5X risk for subsequent spine fracture and 2X risk for subsequent hip fracture.

World Health Organization criteria for BMD impression classify patients as Normal (T-score at or above -1.0), Osteopenia (T-score between -1.0 and -2.5), or Osteoporosis (T-score at or below -2.5).

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### Patient Information:

Name:	
Patient ID:	
Identifier 2:	066406921
Postal Code:	10021
Sex:	Female
Ethnicity:	White
Height:	62.0 in
Weight:	101.0 lb
DOB:	07/25/1959
Age:	63
Menopause Age:	54
Referring Physician:	MATERA, CRISTINA

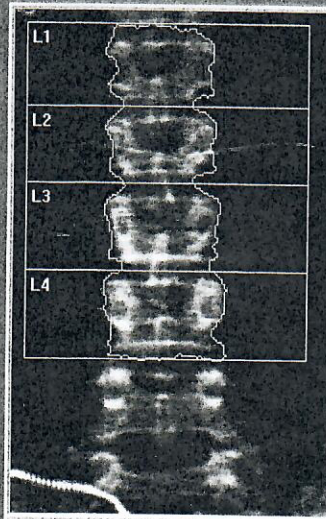
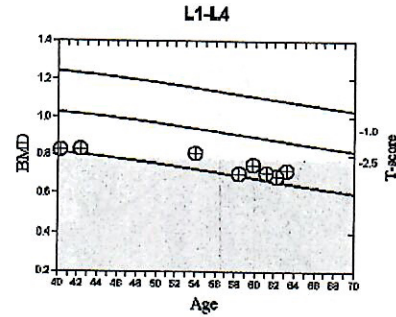


Image not for diagnostic use

112 x 135

k = 1.137, d0 = 45.3



T-score vs. White Female. Source:BMDCS:Holcig White Female.  
Z-score vs. White Female. Source:BMDCS:Holcig White Female.

### Scan Information

Scan Date:	October 12, 2022 - A1012221T
Scan Type:	f Lumbar Spine
Analysis Date:	11/06/2022 12:52
Analysis Protocol:	Lumbar Spine
Report Date:	11/06/2022 13:07
Institution:	NYMI Associates
Operator:	jb
Model:	Discovery C (S/N87549)
Comment:	
Software version:	13.5.3.2

### Results Summary:

Region	Area[cm <sup>2</sup> ]	BMC[g]	BMD[g/cm <sup>3</sup> ]	T-score	PR (Peak Reference)	Z-score	AM (Age Matched)
L1	12.01	6.73	0.561	-3.3	61	-1.9	73
L2	12.05	8.43	0.700	-3.0	68	-1.4	82
L3	14.16	11.29	0.797	-2.6	74	-0.9	89
L4	15.63	12.25	0.784	-3.0	70	-1.3	85
<b>Total</b>	<b>53.84</b>	<b>38.70</b>	<b>0.719</b>	<b>-3.0</b>	<b>69</b>	<b>-1.3</b>	<b>83</b>

Total BMD CV 1.0%, ACF = 1.016, BCF = 1.041, TH = 6.039

### Results History: L1-L4

Scan Date	Age	BMD	T-score	BMD Change vs Baseline	BMD Change vs Previous
10/12/2022	63	0.719	-3.0	-12.8%*	4.1%*
09/17/2021	62	0.690	-3.2	-16.3%*	-2.1%
09/25/2020	61	0.705	-3.1	-14.5%*	-5.7%*
05/10/2019	59	0.748	-2.7	-9.3%*	6.6%*
12/15/2017	58	0.701	-3.1	-14.9%*	-12.9%*
07/23/2013	53	0.805	-2.2	-2.3%	-2.5%
11/06/2001	42	0.826	-2.0	0.2%	0.2%
10/28/1999	40	0.824	-2.0		

Fracture Risk: High, WHO Classification: Osteoporosis

\* Denotes significance at 95% confidence level, LSC is 0.022 g/cm<sup>3</sup>

### Comment:

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