
Effects of Nano-Calcium
Clinical Research
E-W-Alternative Medical Hospital
Wien, EU

Integrative medicine in Germany, Austria and Switzerland

- Approx. 45,000 physicians with complementary medical names and several years of certified further education
- Approx. 70,000 doctors with daily working CAM methods

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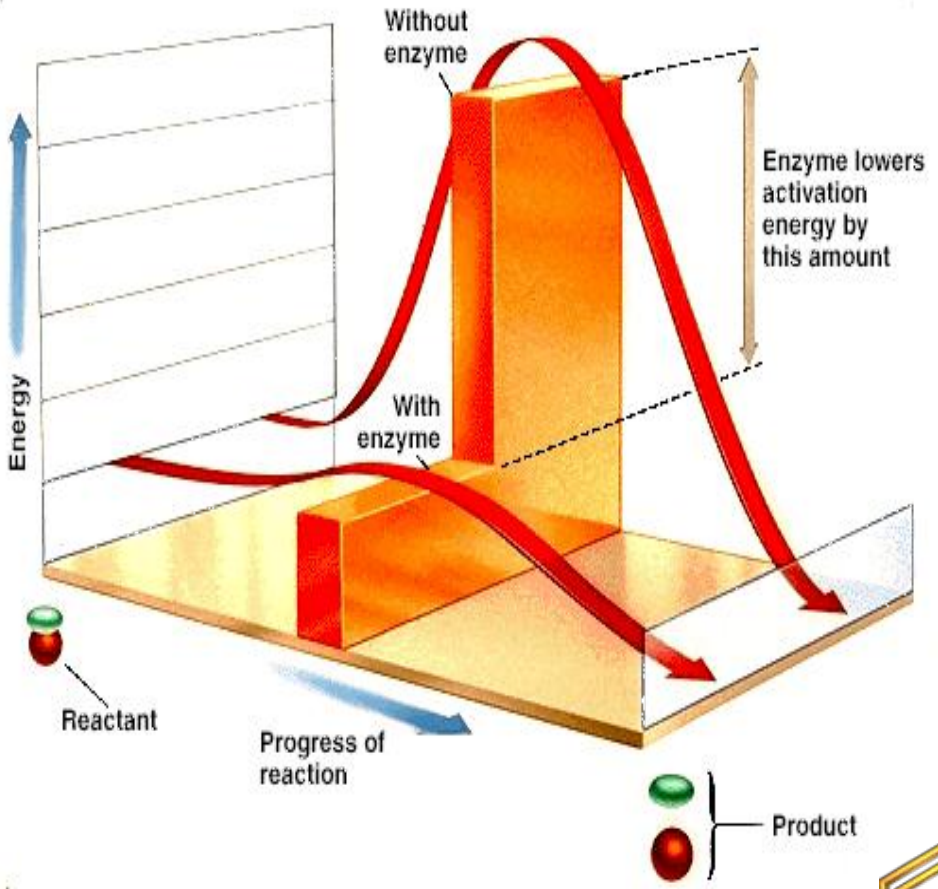
Nano-Calcium as part of integrative medicine in the biochemical model



Approximately 30 quadrillion chemical reactions
(30 x 1,000 000 000 000 000 /sec.)
Minimum rn every second in the human body.

Nano-Calcium and well-used intergrative medicine reduces the activation energy (lower front wall) necessary to start a chemical reaction.

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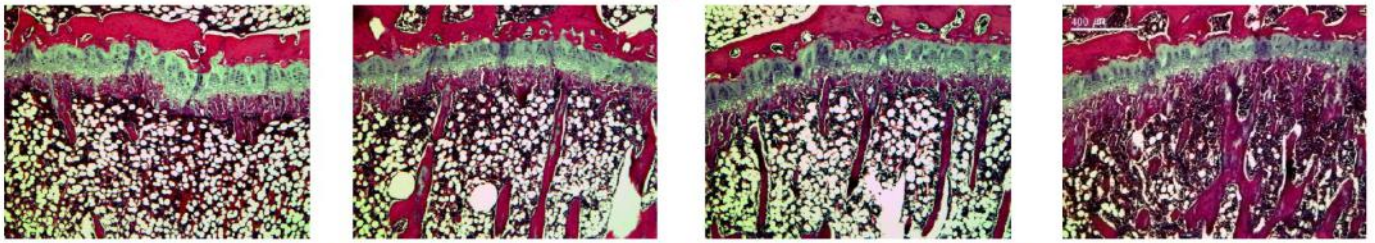
Effects of Nanocalcium Supplemented Milk on Bone Calcium Metabolism in Ovariectomized Rats

다섯째,「SCI 급」 국제 논문 – 나노칼슘 골다공증 완치 동물실험

쥐 실험을 통한 나노칼슘의 골다공증 치유효과

(아래 사진은 인위적인 난소제거수술을 실시하여 골다공증이 유발된 쥐의 비교 골조직 사진입니다.)



골다공증 심화(우유) | 골다공증 완화(기존칼슘+우유) | 골다공증 완화(이온화칼슘+우유) | 골다공증완치 (나노칼슘+우유)

[나노칼슘이 폐경기 후의 여성 골다공증의 예방과 치유가 가능한지의 여부를 동물실험을 통하여 규명함]

7주령의 SD종 암컷흰쥐 24마리를 인위적으로 난소절제수술을 함으로써 골다공증을 갖는 쥐를 만든 다음 나노칼슘과 기존의 여러칼슘제제를 우유에 섞어 3개월간 투여한 다음 골 밀도를 측정한 결과 기존의 칼슘제에서는 골밀도의 증가를 거의 볼 수 없었으나 나노칼슘을 투여한 쥐에서는 골다공증쥐가 정상적인 쥐와 같은 골 밀도를 갖게 됨을 발견한 것이다.

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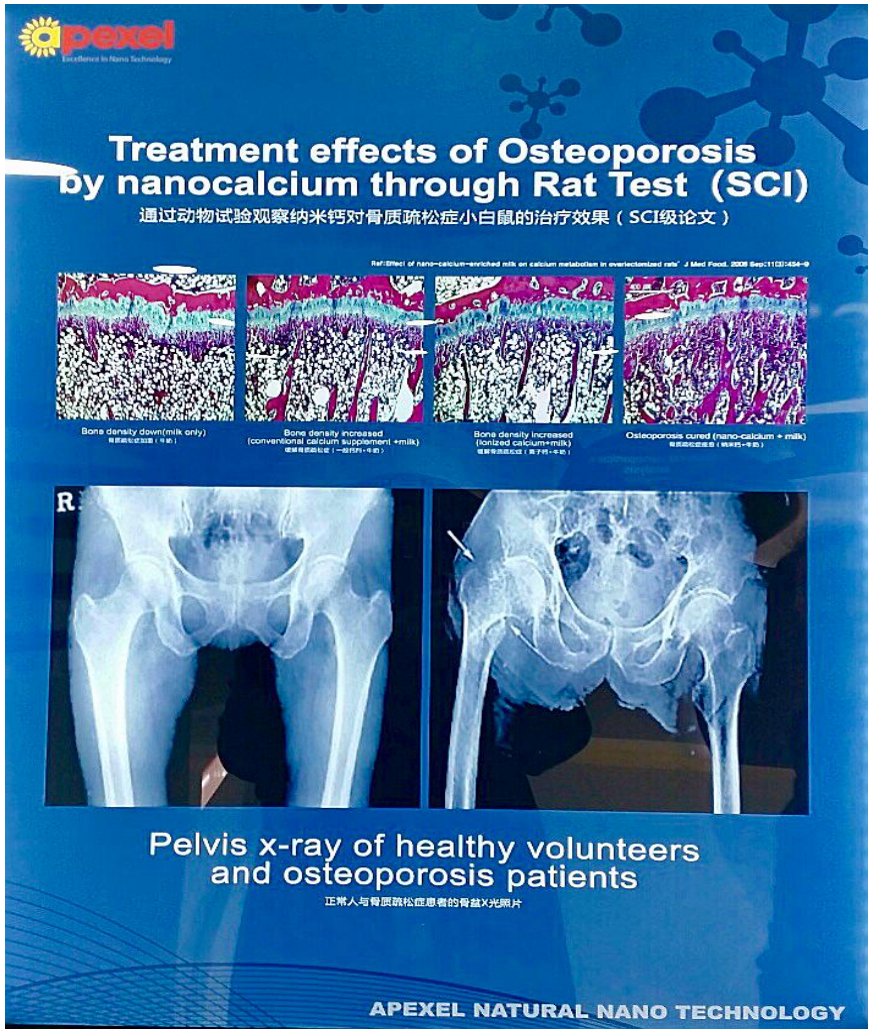
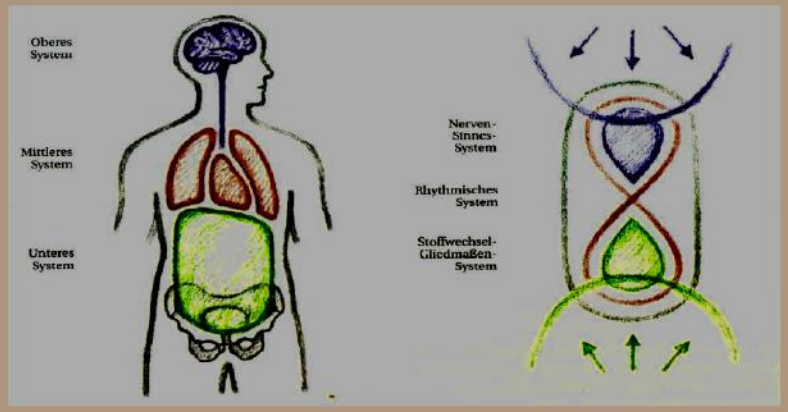
Effects of Nanocalcium Supplemented Milk on Bone Calcium Metabolism in Ovariectomized Rats



Park H.S., B. J. Jeon, J. Ahn, H. S. Kwak (2007): Effects of Nanocalcium Supplemented Milk on Bone Calcium Metabolism in Ovariectomized Rats. Asian-Aust. J. Anim. Sci. Vol. 20, No. 8 : 1266 - 1271

Processes integrative Medicine

Change-Prozesse



Denken

Wissenschaft

Fühlen

Kultur

Wollen

Praxis

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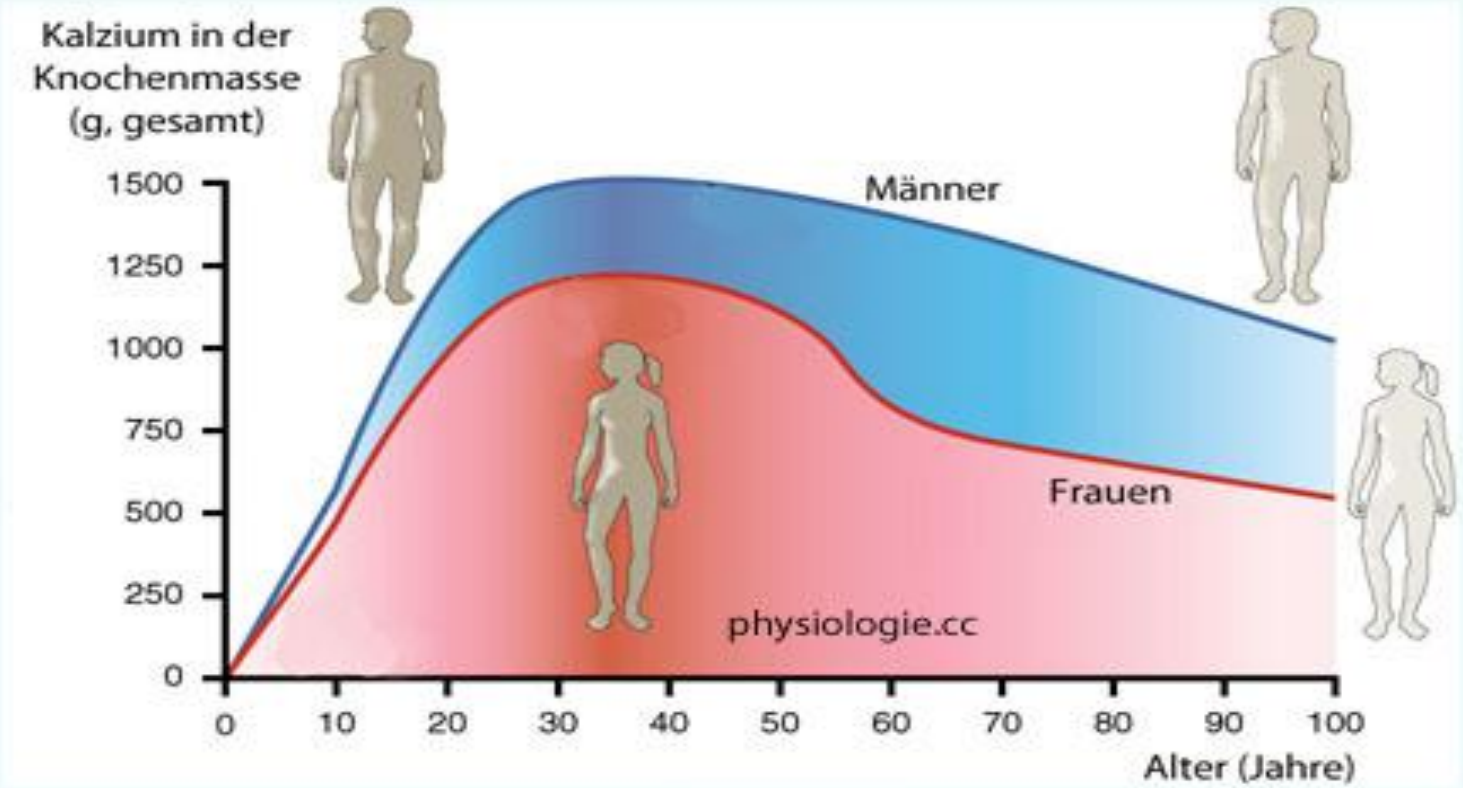
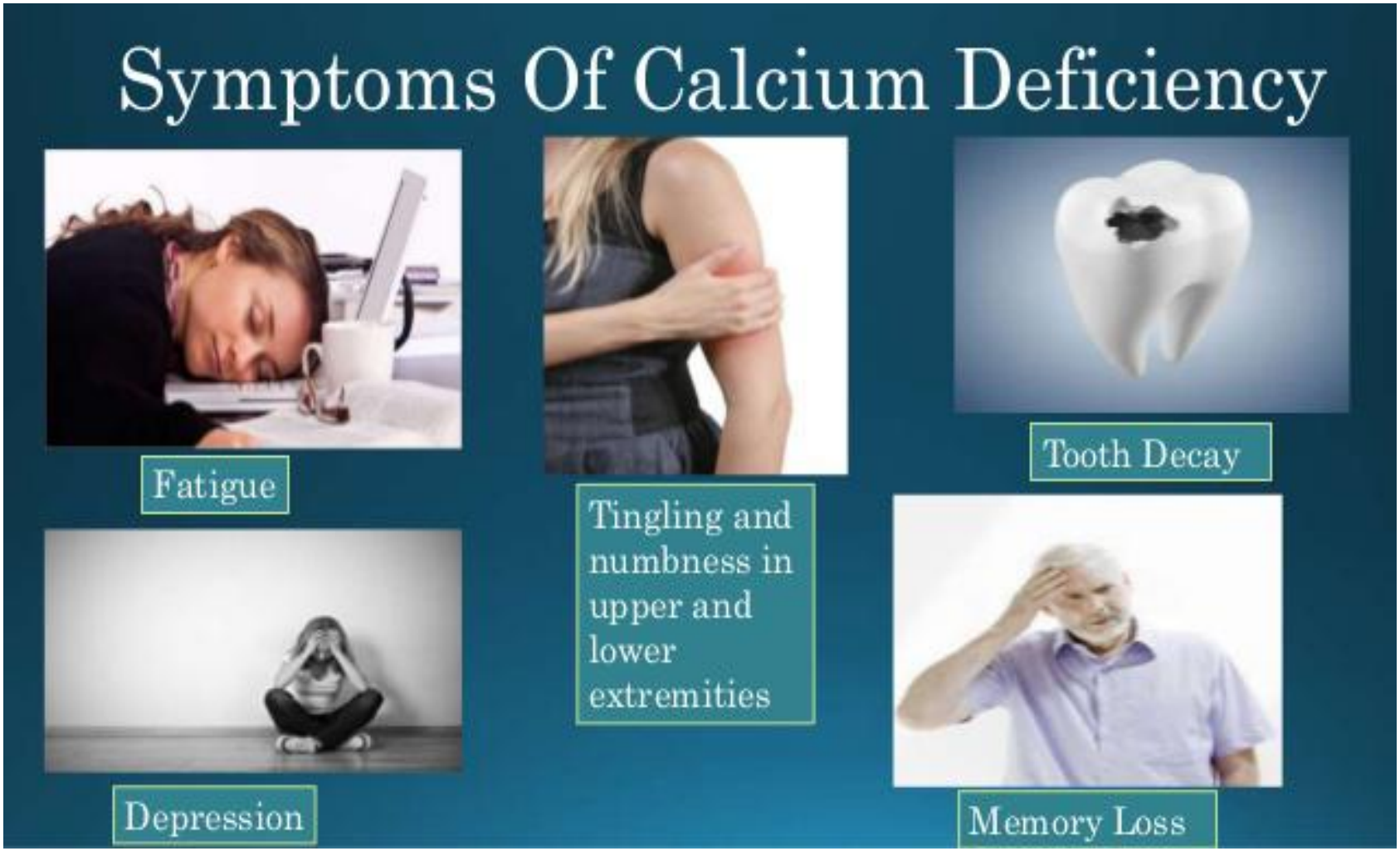
Calcium in the bone mass Men – Women of different ages



Symptoms of Calcium Deficiency



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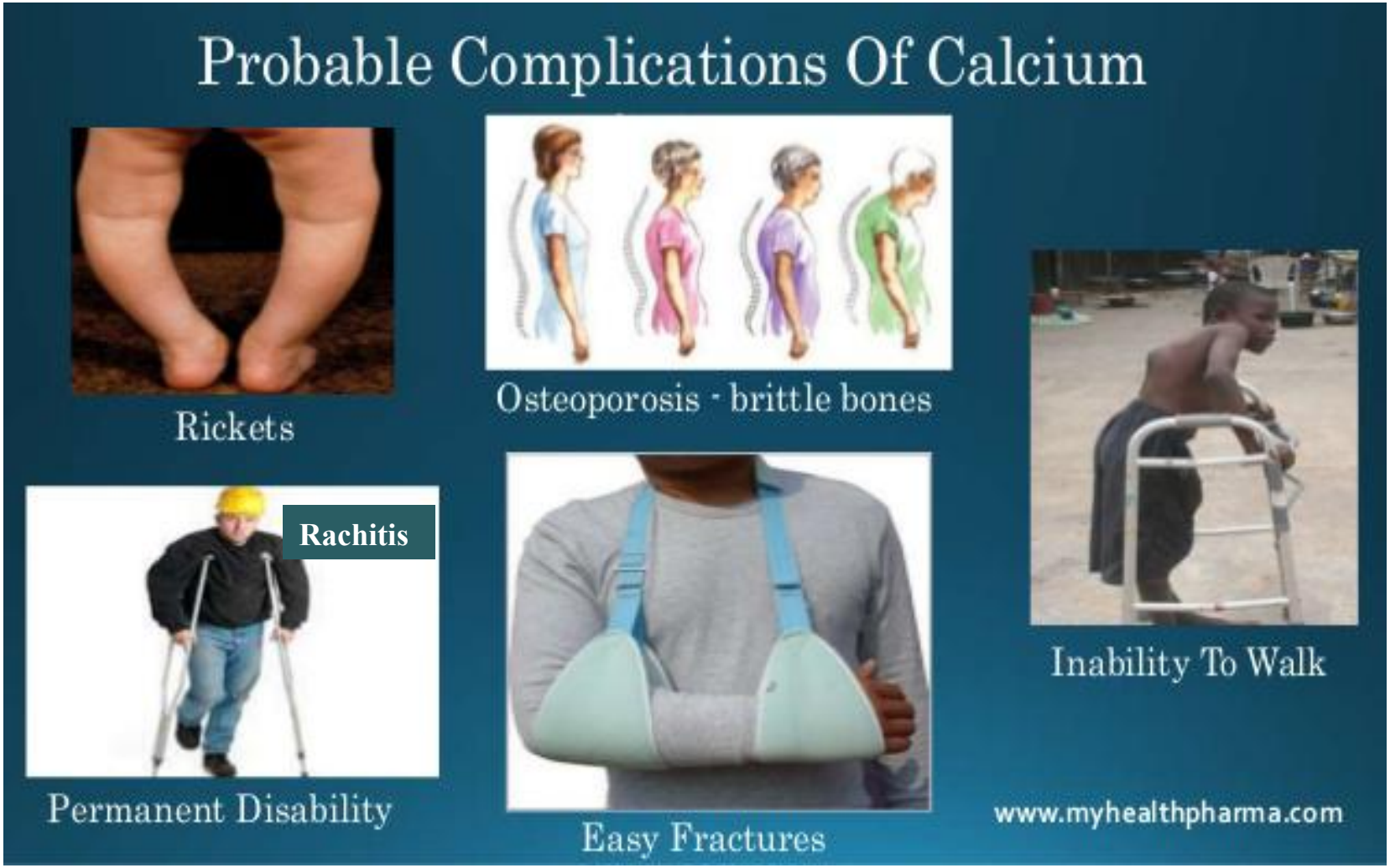
Problem due to Calcium deficiency



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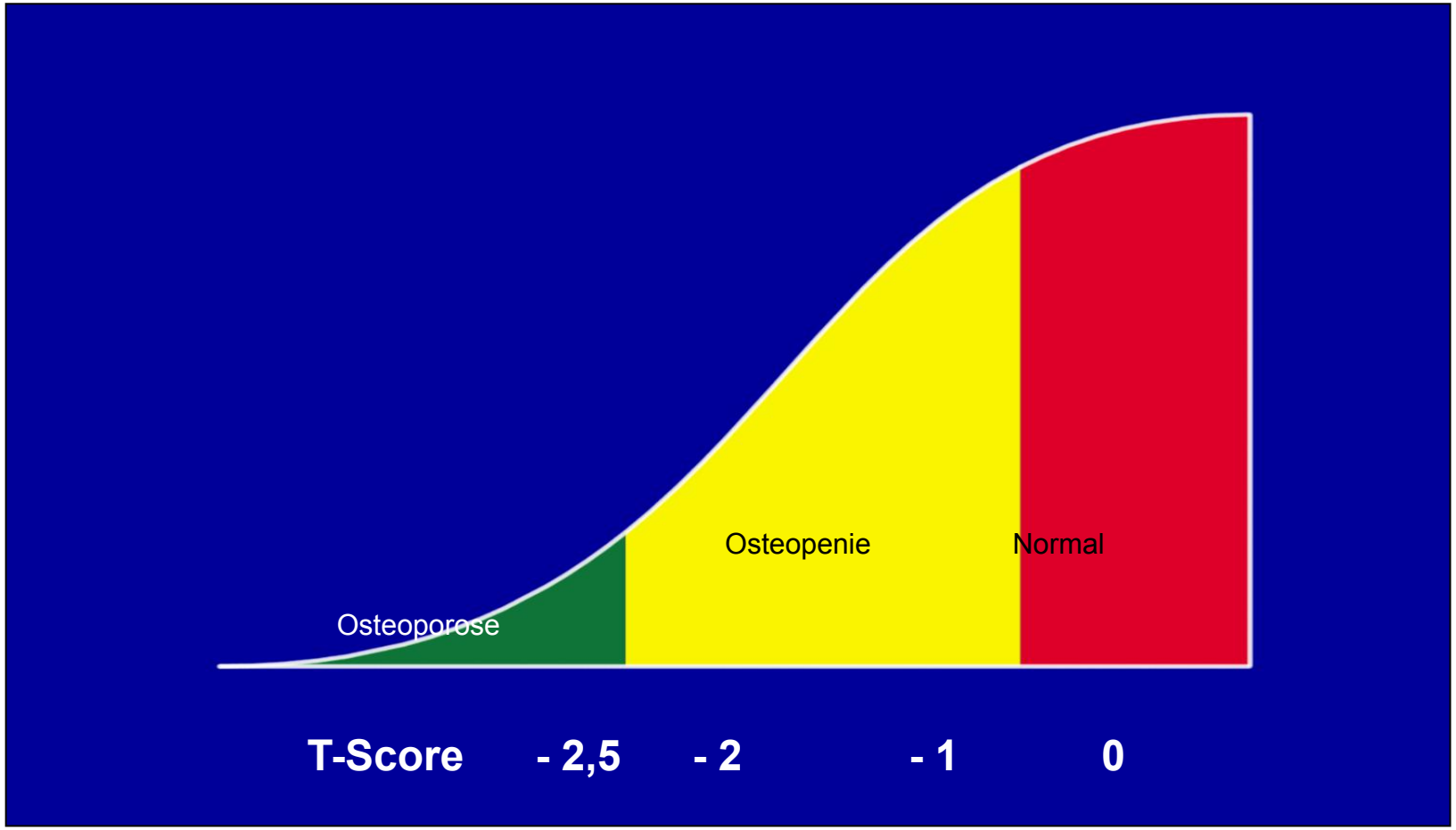
WHO Definition der Osteoporose

Diagnostische Kriterien

Definition	Knochendichte	Strategie
Normal	bis max. 10% Verlust T-Score≥ -1 SD	Prävention
Osteopenie	10 bis 25% Verlust -1 SD > TScore >-2,5 SD	
Osteoporose	**Verlust über 25% TScore≤ -2,5 SD**	**Behandlung**
Schwere Osteoporose	**Osteoporose mit Frakturen**	

WHO Technical Report Series: 843; 1994

World Health Organization (WHO)
Richtlinien für Osteoporose



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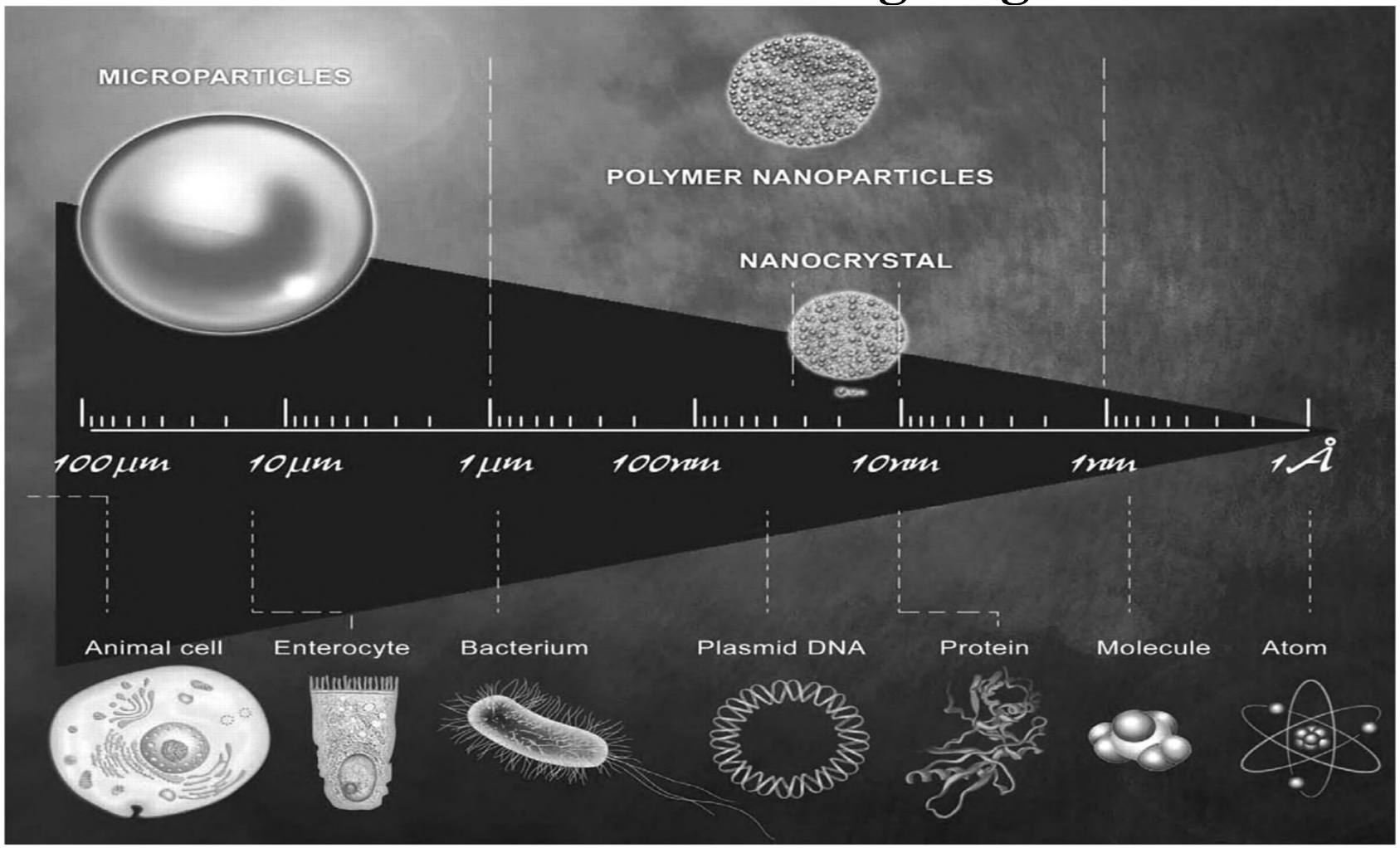
DEXA Scan
T - Score

Classification	T-score
Normal	-1 or greater
Osteopenia	Between -1 and -2.5
Osteoporosis	-2.5 or less
Severe Osteoporosis	-2.5 or less and *fragility fracture*

Size Scale of Various Living Organisms



Hamed Laroui et al. Am J Physiol Gastrointest Liver Physiol 2011;300:G371-G383

AMERICAN JOURNAL OF PHYSIOLOGY
Gastrointestinal and Liver Physiology

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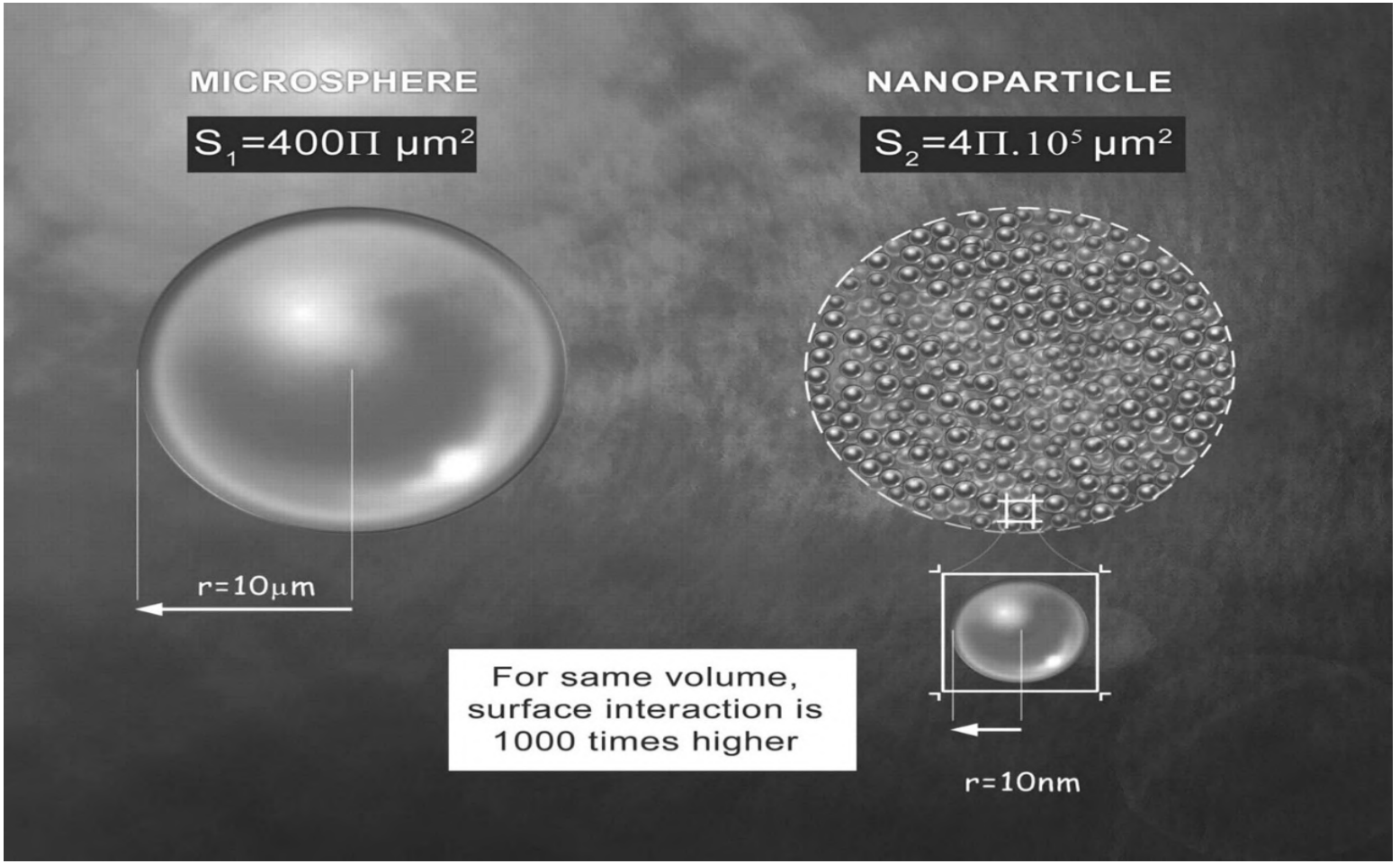
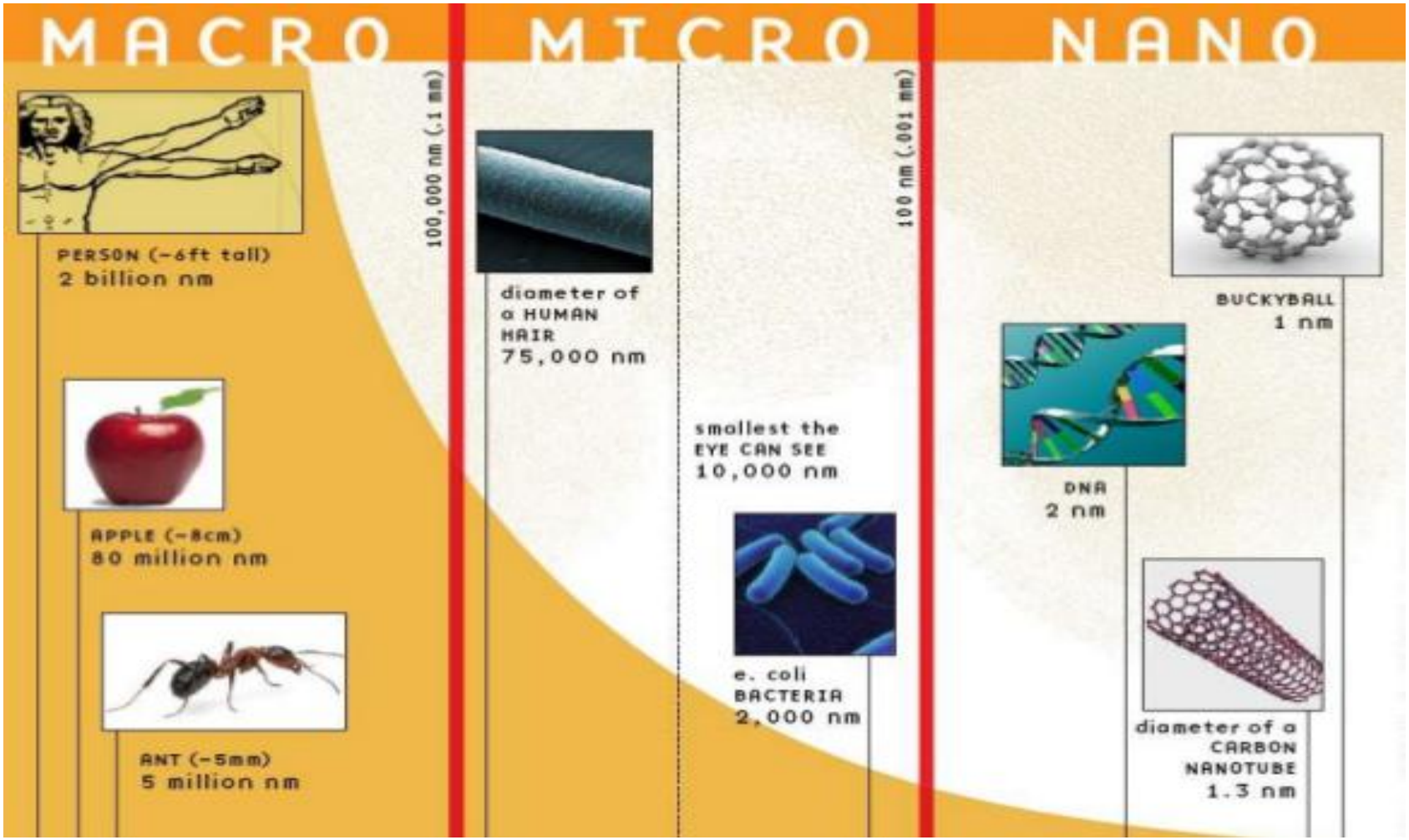
Illustration of the difference between surface and volume of Microparticles (S1 = 1 mm) and nanoparticles (S2 = 100 nm).



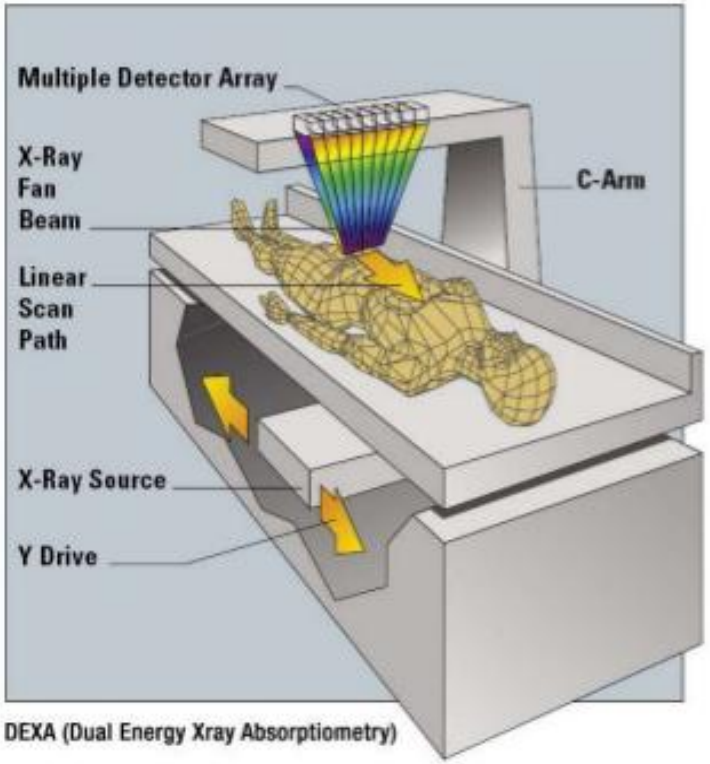
Hamed Laroui et al. Am J Physiol Gastrointest Liver Physiol 2011;300:G371-G383

Size comparisons between Macro – Micro - Nano

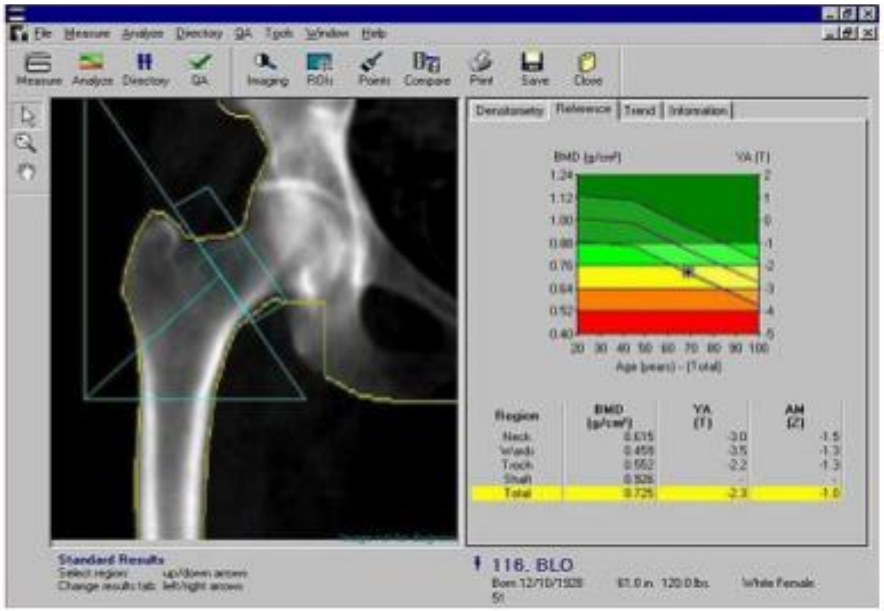


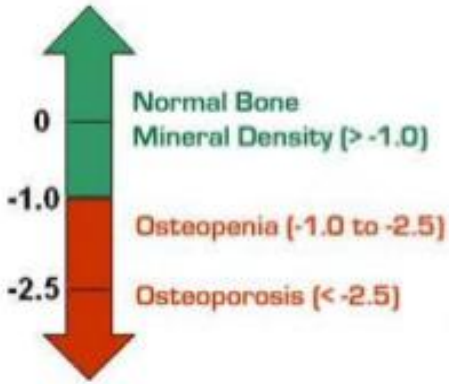
Diagnosis of Bone Density (DEXA)

- Bone densitometry scan
  - DEXA measures calcium
    - → T-score
  - FRAX → risk of fracture



DEXA (Dual Energy Xray Absorptiometry)





T-score: Comparison to young adult mean

Diseases treated with Nano Calcium

- Diseases of the bone and support apparatus (Osteoporosis, Chronic Tendonitis, Arthrosis, Herniated Discs, Spondylopathy)
- Concomitant therapy for cancel (Ovarian Carcinoma, Chronic Leukemia, Non-Hodgkin‘s Lymphoma, Mammary Carcinoma)
- Alzheimer Erkrankung
- Autoimmun cancer brain (Sjögren – Syndrom, Schilddrüsenerkrankungen)

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Case - Studies

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Chronic

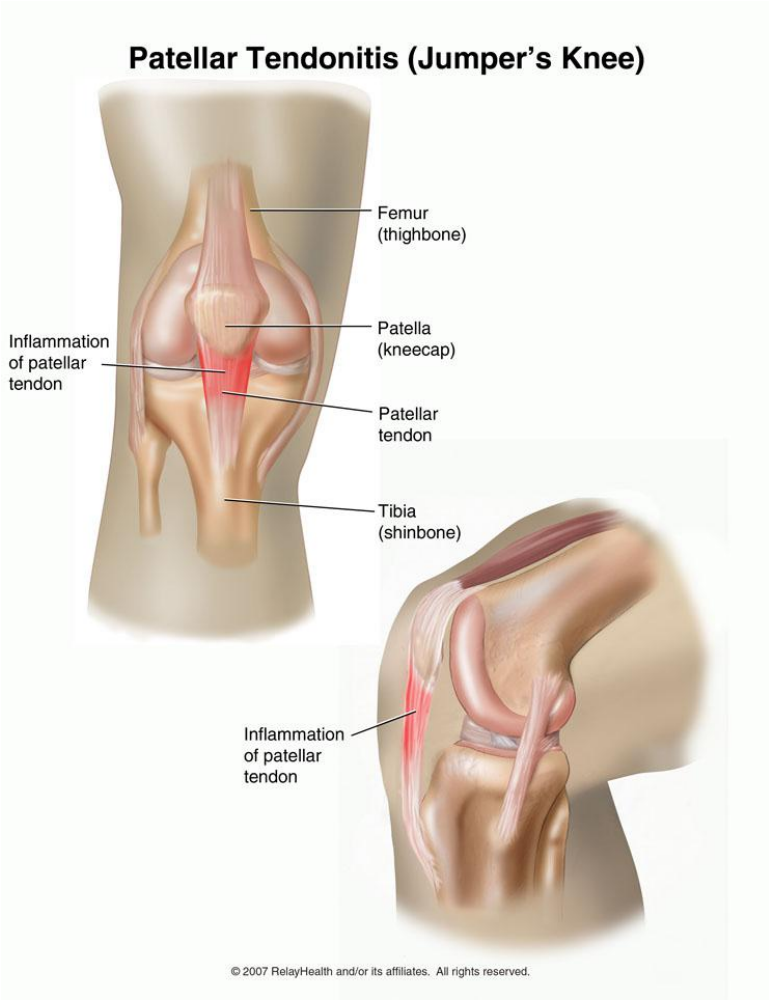
Patellasehnenentzündung

Patientin Claudia Male 29 Years old

Professional Badminton Player

Chronic patella tendinitis right knee for 3 years

After taking Nano Calcium for 3 months mostly no complaints



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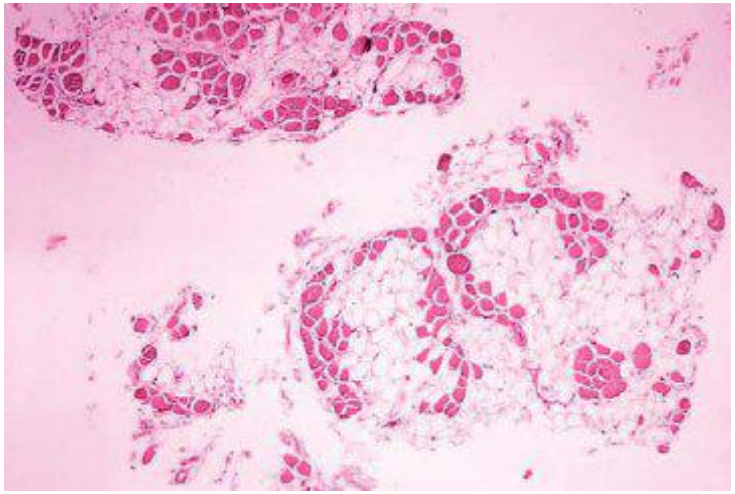
Congenital Muscular Dystrophy

(Limb Dystrophy)

Patient Marco S., 39 years old

Muscular Dystrophy Type 2 L since birth increasing walking weakness, back pain. After taking Nano Calcium Therapy for 6 months, improved overall condition.



Histopathologisches Bild eines Querschnitts aus dem Wadenmuskel (Muskulus gastrocnemius) bei Muskeldystrophie.

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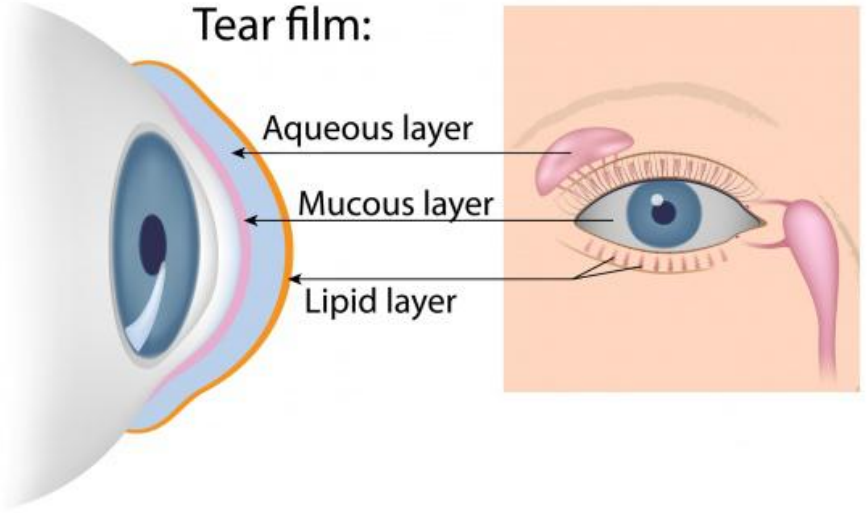
Sjögren - Syndrom

Patientin Ines B., 44 years old

Sjogren Syndrome for 15 years

Symptome: Dry mouth, dry eyes, muscle aches and joint inflammation.

After 5 months taking Nano Calcium treatment, improved overall symtoms.



Trockenes Auge bei Sjögrensyndrom

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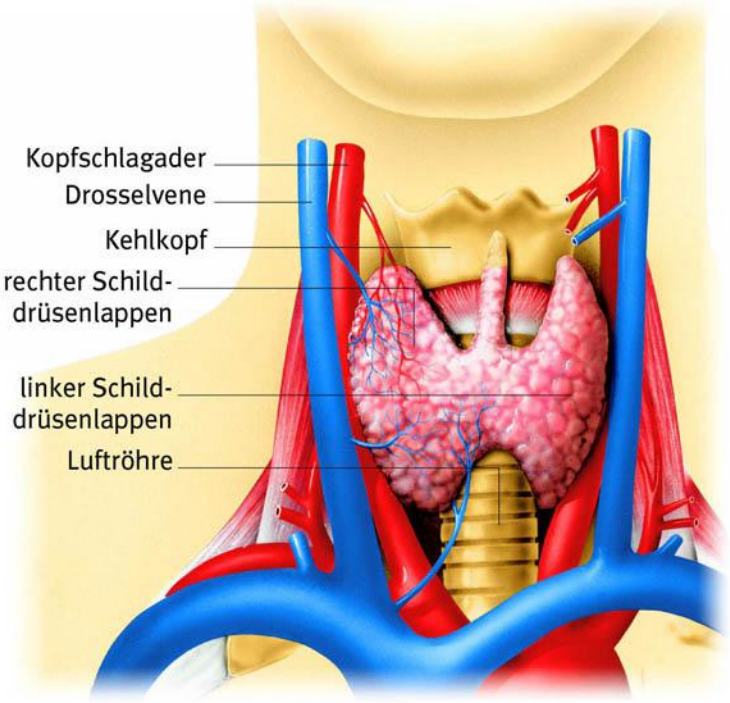
Schilddrüsenunterfunktion
(Hypothyreose)

Patient Christine H., 47 years old

Since one year know SD-subfunction

Administration of Nano Calcium treatment for 6 months, no hormone therapy required, sufficient Thyroid Hormone production.



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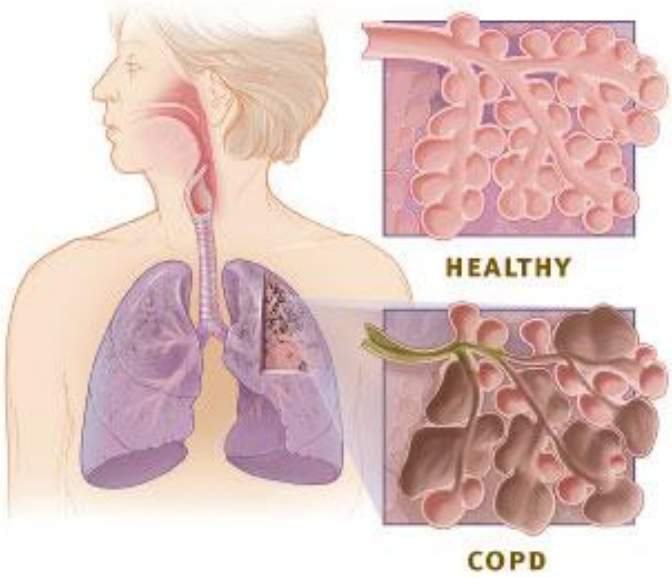
COPD (Chronic obstructive pulmonary disease)

Mrs. Marie O., 57 years old

COPD diagnosed for 10 years, suffering 20 years cough with mucuc

Since 3 months Nano Calcium treatment helped signicantly improved less cough, mucus



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Fibröse Knochendysplasie

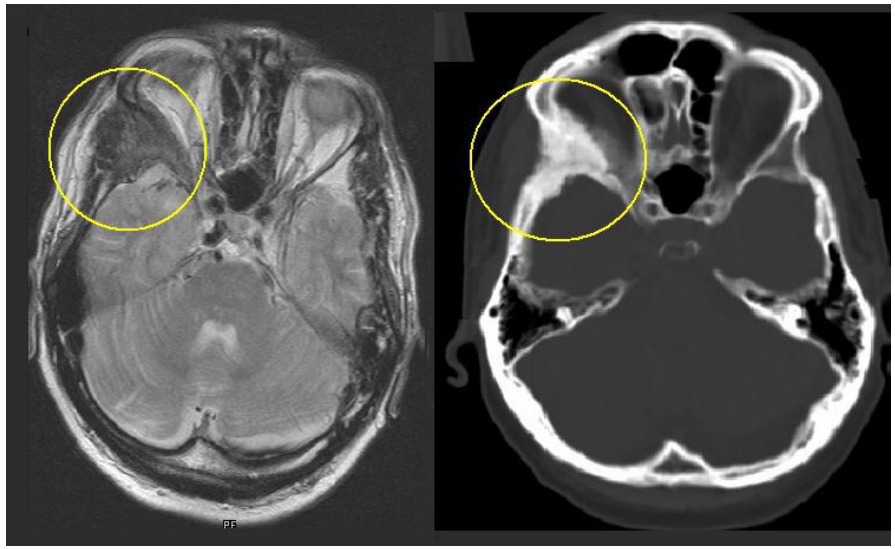
Patientin Maria Au., 57 years old

Symtom known since the age of 15

Pain and numbness of the re. Half of the face (narrowing of Nerves and Vessels by Tumor)

Treated with a Nano Calcium for 8 months

Significantly improvement of pain, hardly amy feeling of disorder



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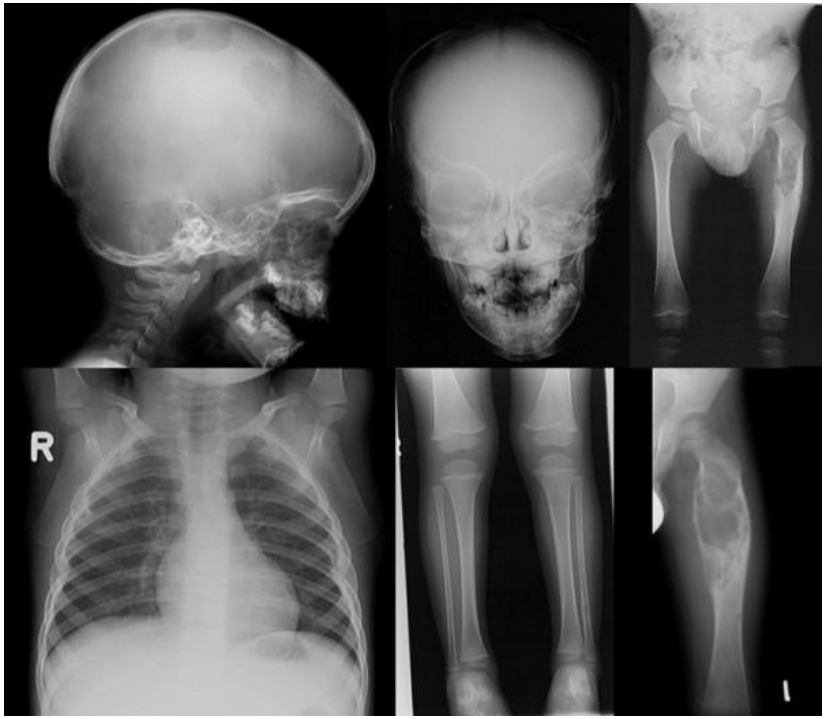
Langerhans
Histiocytose X

Annika G., 10 years old



Patientin Annika G., 10 years old
Diagnose 2013:
Knochendefekte C2, Glenoid links

Therapy:
Nano Calcium over 4 years daily 0.5 grams

2017:
No complaints, inflammation faded away.

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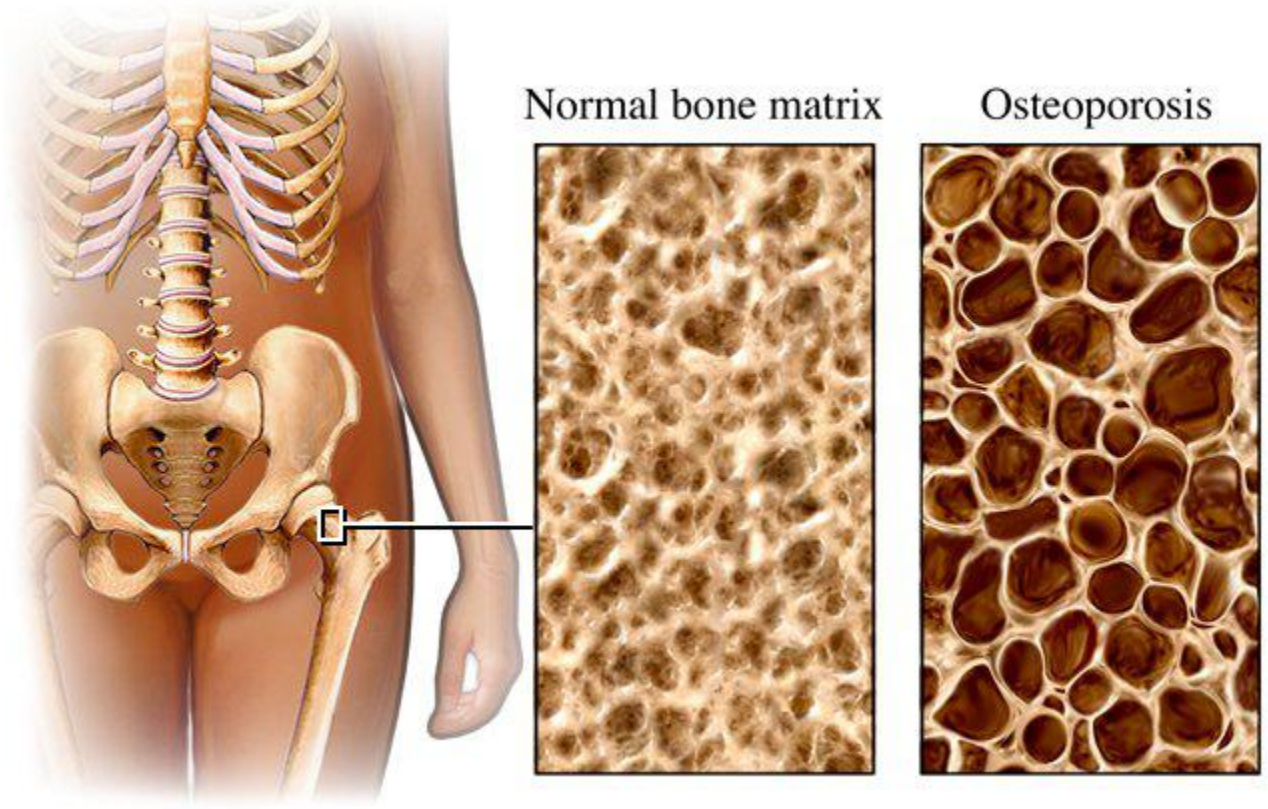
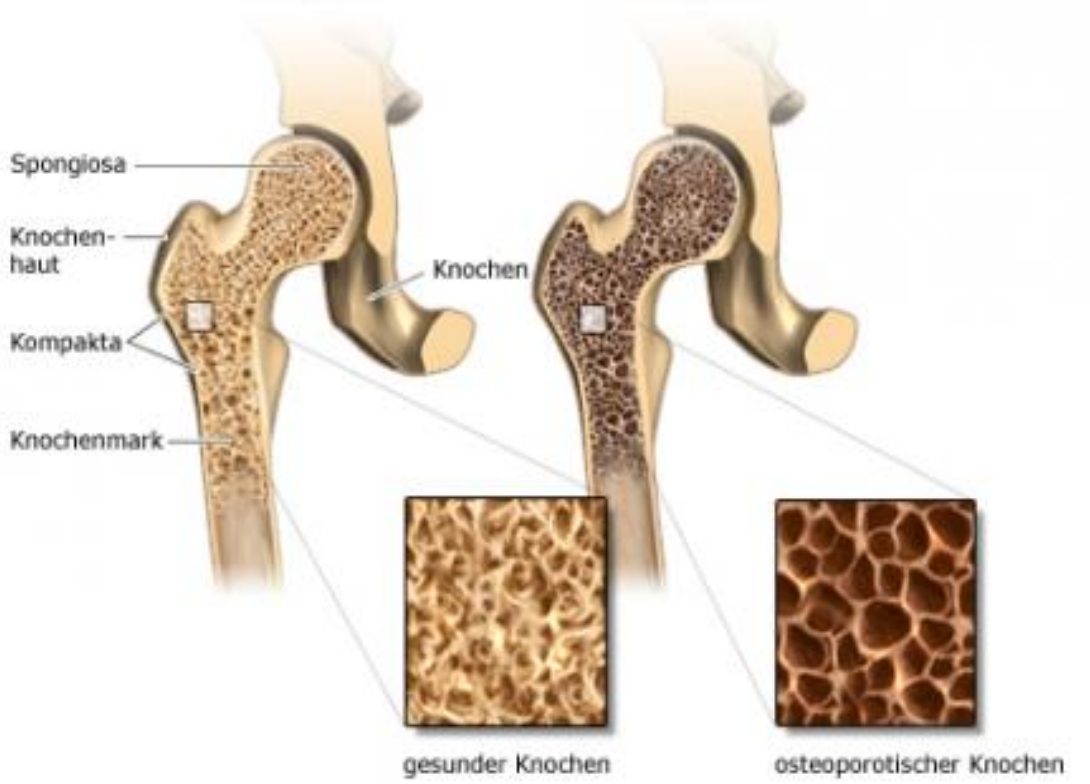
High Risk of Femoral Neck Fracture in Osteoporose



Hip joint with Osteoporosis in the Femur



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Femoral Neck Fracture in Osteoporose

Hertha B., 77 years old
Osteoporose, Femoral Neck Fracture 2015 and OP

Since 2015 treatment of a Nano Calcium, the
fractured bone healed completely, back to normal life

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Bone hearing after upper arm fracture

Patient: Franziska S, 14 years old

Taking Nano Calcium treatment for 2 years

2015 2017

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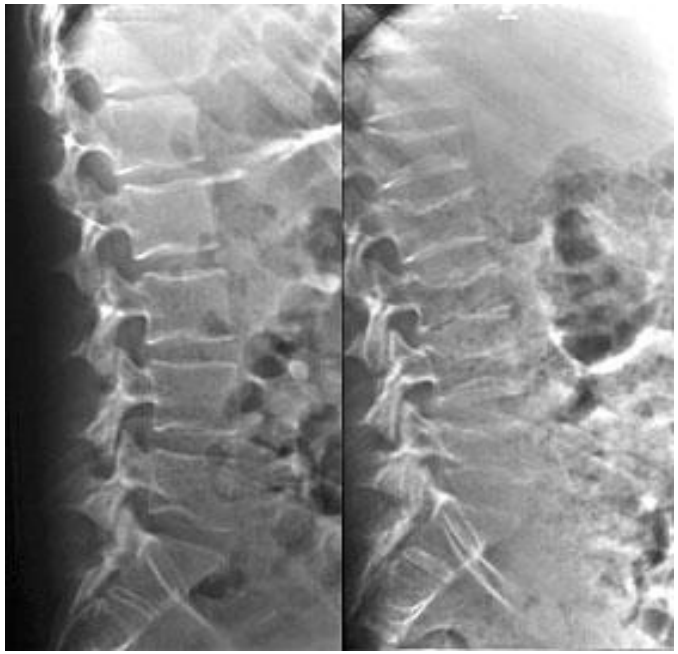
Osteoporose of the Spine through 1-year intake of cortisone

Patient: Ferdinand M. (63 years old)
Diagnose: COPD (Lunge)
Cortison taken over 1 year, resulting in Osteoposis with severe back pain.

The Nano Calcium treatment 1 gram daily since September 2016

Result:
Significantly reduces in pain



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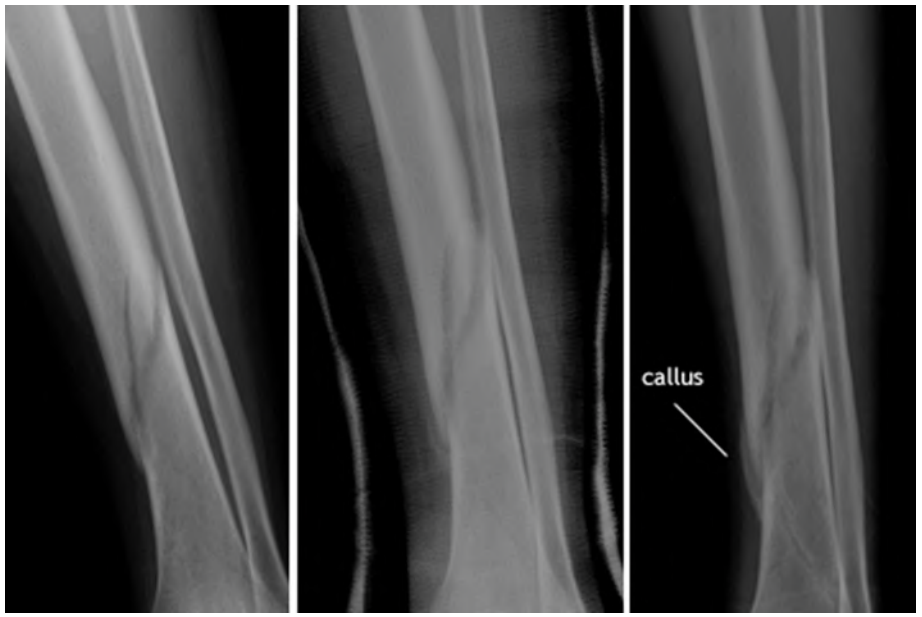
Tibial fracture in the healing process with Nano Calcium

Patient: Marco M., 34 years old

Lower leg fractured in March 24, 2017

Taking 1 gram of Nano Calcium daily

Results:
Significant improvement within a month after taking Nano Calcium treatment



24.3.2017 16.4.2017 30.4.2017

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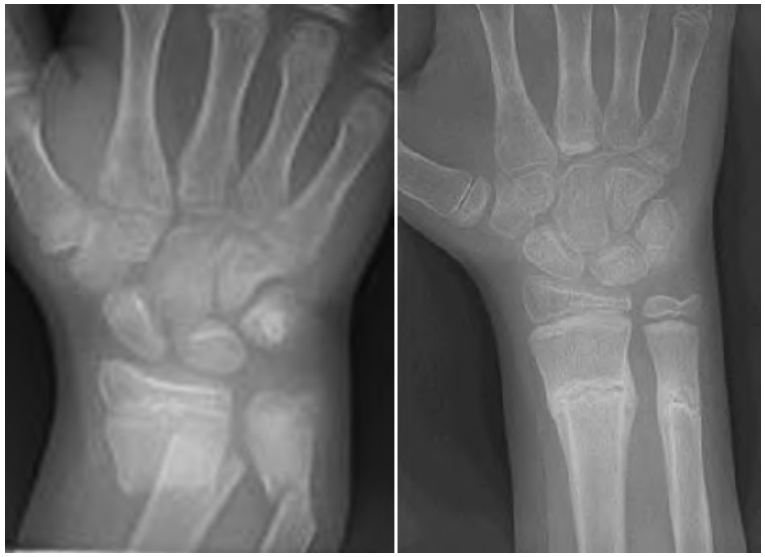
Forearm fracture of an 8 years old

Treatment: taking 0.25 gram of Nano Calcium daily, amazing recovery shown below



07.2.2017 **21.4.2017**

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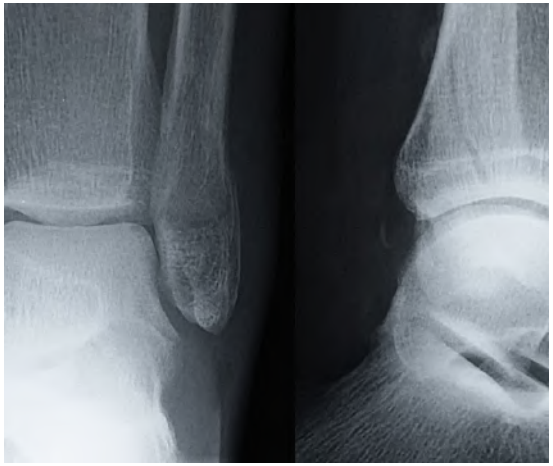
Broken Fibula

5.2.2017

Patient Philipp M., 26 years old

Fast recovery with
Nano Calcium
Taking 1 gram daily



5.3.2017

20.3.2017

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Changes due to Osteoporosis on the Lumber Spine

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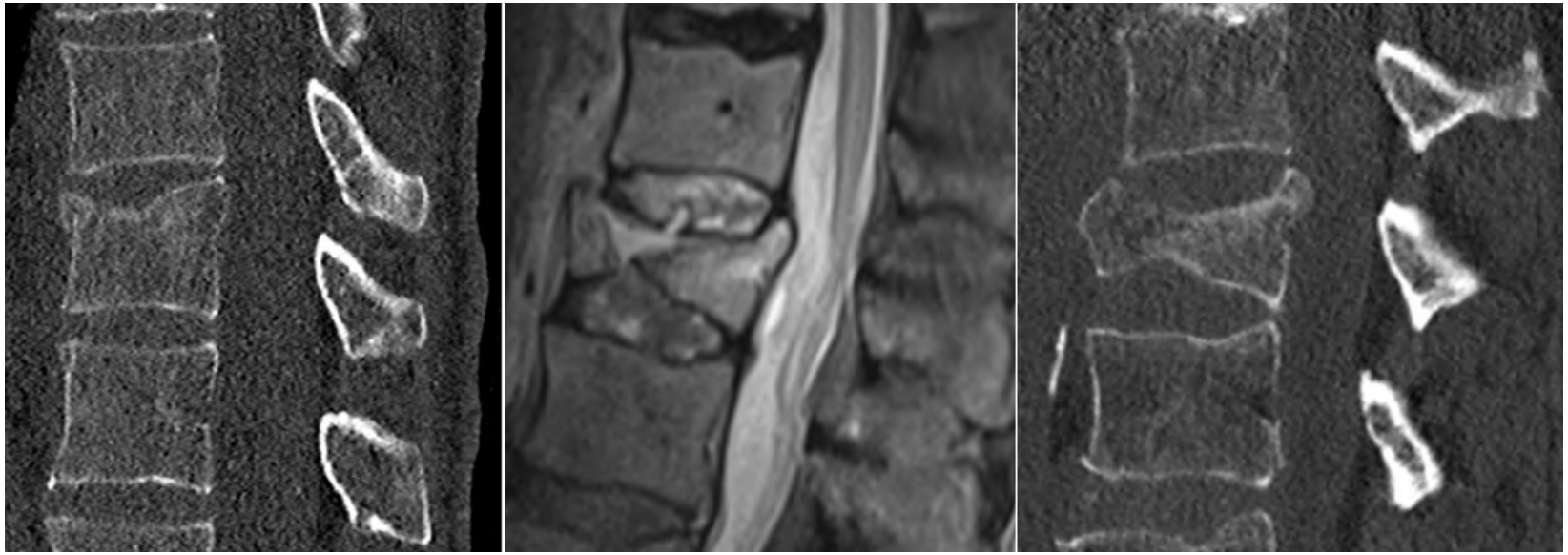
Vertebral body fracture in Osteoporose



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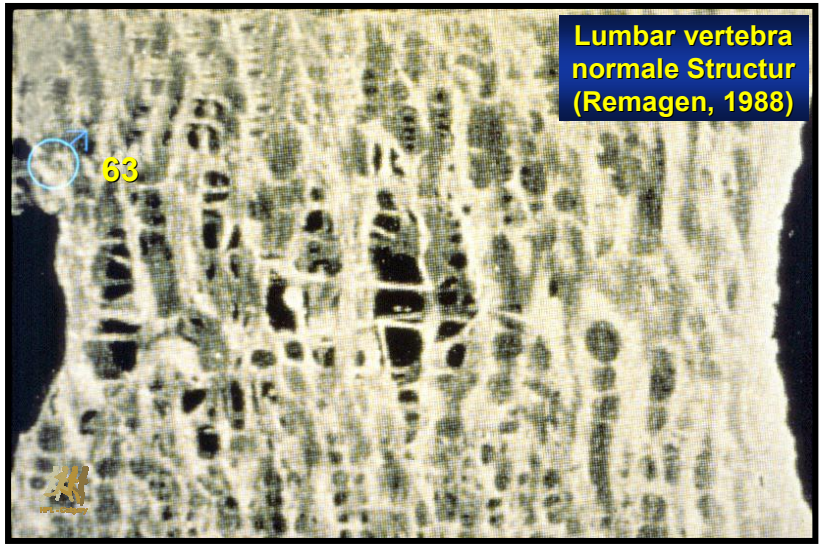

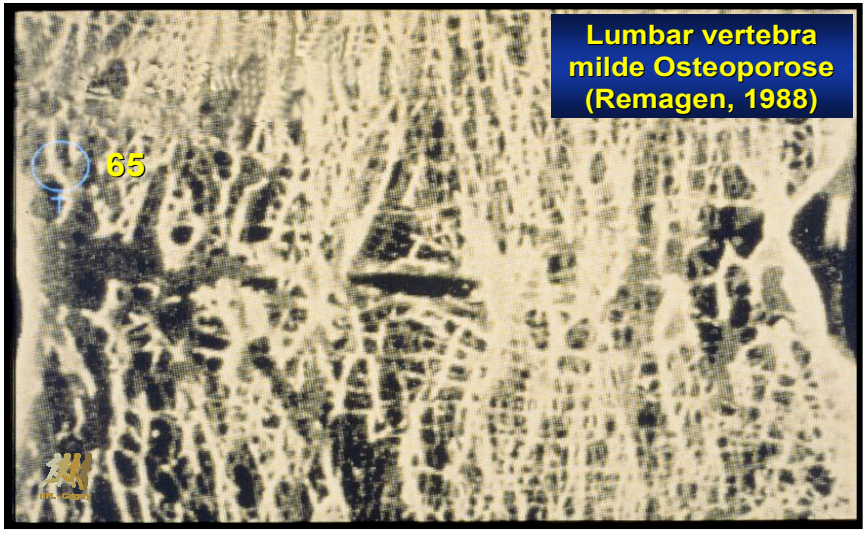

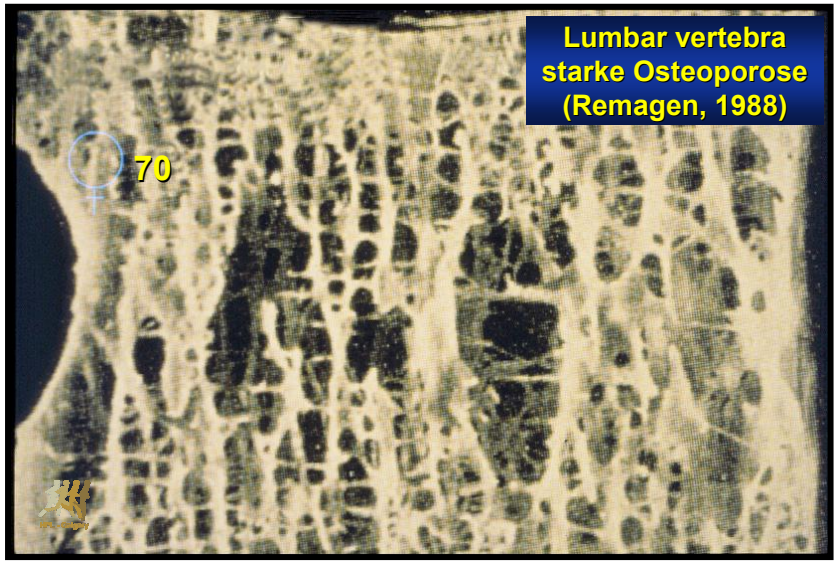

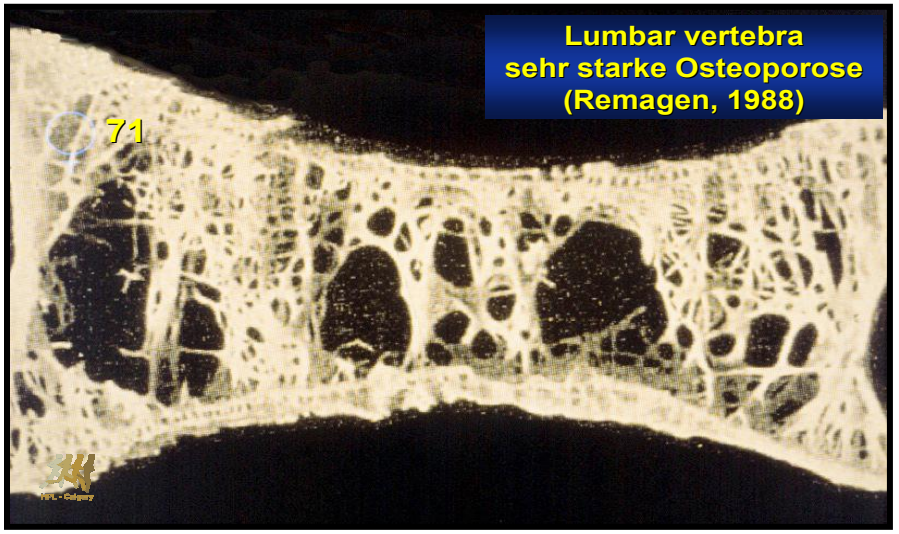

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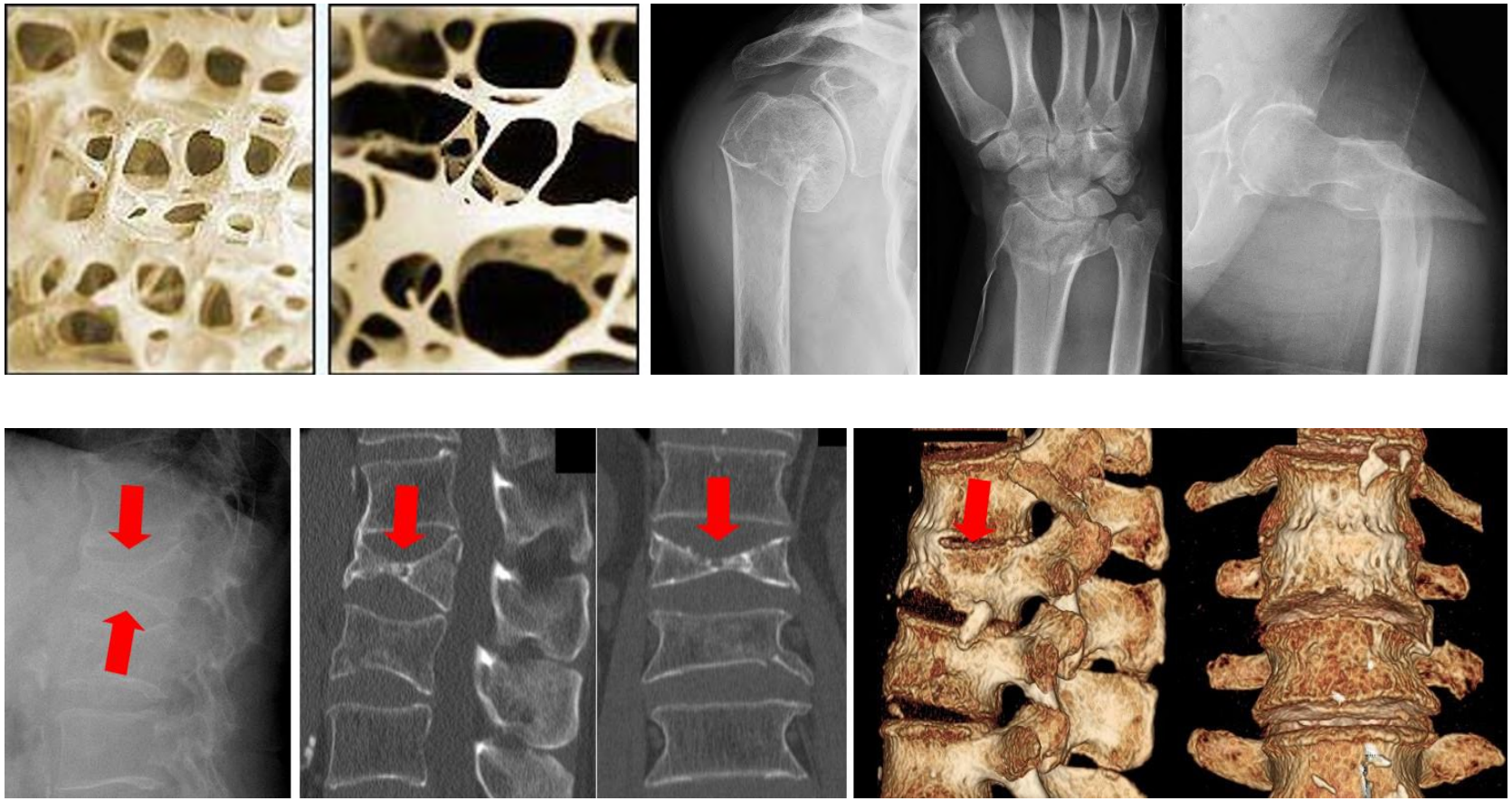
Changes due to Osteoporosis of the lumber spine and large joints



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Osteoporotic Bone

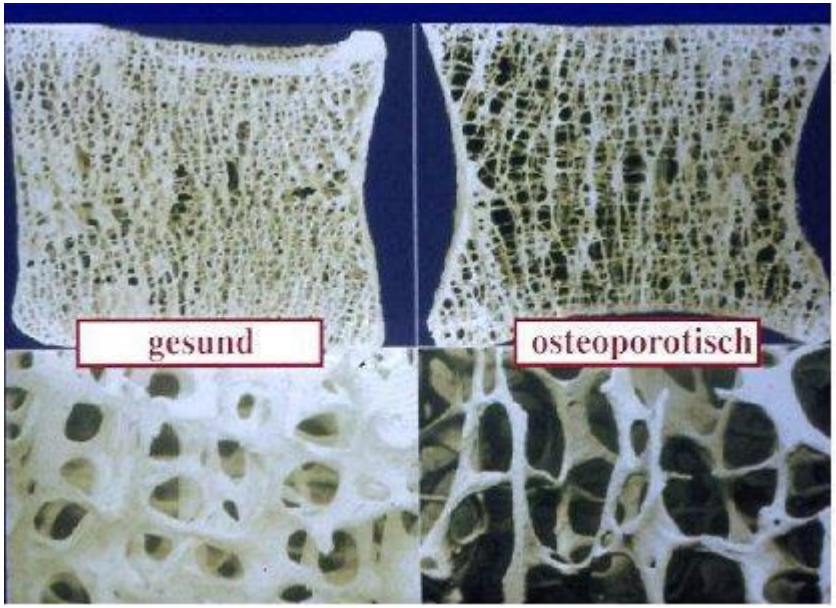
Healthy bone

Osteoporotic bone

Electron Micrographs an Osteoporotic bone

(a) Normal bone

(b) Osteoporotic bone



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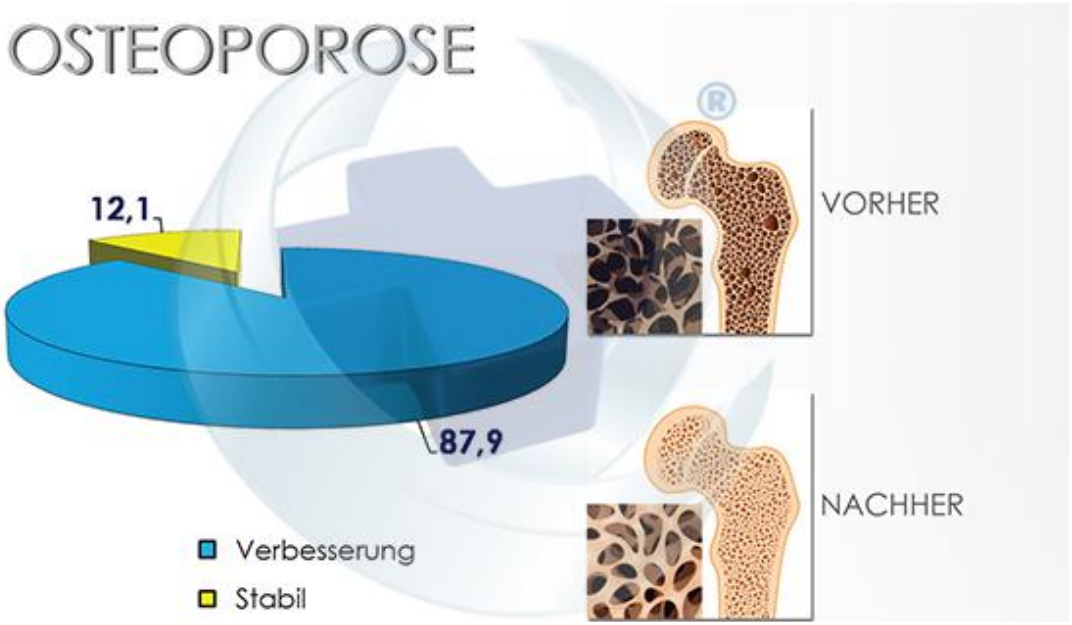
Statistics

E–W Intergrative Hospital Vienna
the Nano Calcium research



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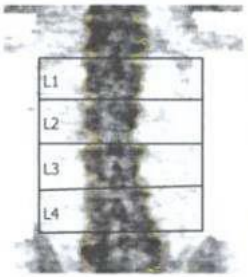
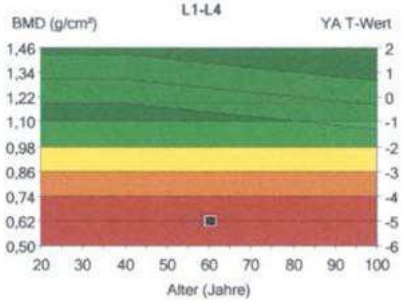
Patient Martin K., 60 years old

Nano Calcium treatment for 2 months

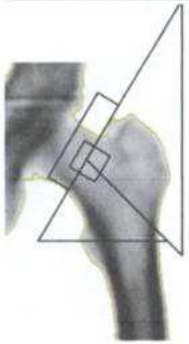


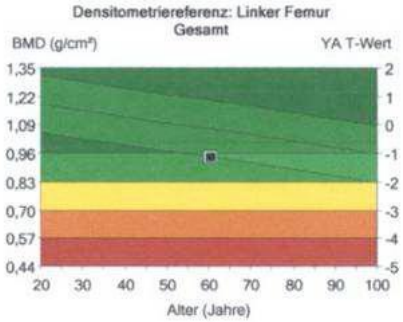


Bereich	BMD (g/cm²)	Junge Erw. (%)	Junge Erw. T-Wert	Altersvergl. (%)	Altersvergl. Z-Wert
L1	0,622	54	-4,5	52	-4,9
L2	0,619	50	-5,2	48	-5,6
L3	0,649	52	-4,9	51	-5,3
L4	0,586	47	-5,4	46	-5,8
L1-L2	0,620	52	-4,8	50	-5,2
L1-L3	0,630	52	-4,8	50	-5,2
L1-L4	0,618	51	-5,0	49	-5,4
L2-L3	0,635	51	-5,0	49	-5,4
L2-L4	0,616	50	-5,2	48	-5,6
L3-L4	0,615	50	-5,2	48	-5,6

Übereinstimmung nach Alter, Gewicht (Männer 25-100 kg), Ethnische Deutschland (Alter 20-40) AP-Wirbelsäule Referenzbevölkerung (v110)
Laut Statistik sind 68% der Folge-Scans im Bereich von 1SA (± 0,010 g/cm² für AP-Wirbelsäule L1-L4)

Bild nicht für Diagnosezwecke





Bereich	BMD (g/cm²)	Junge Erw. (%)	Junge Erw. T-Wert	Altersvergl. (%)	Altersvergl. Z-Wert
Hals	0,827	77	-1,9	82	-1,4
Gesamt	0,939	86	-1,2	88	-1,0

Übereinstimmung nach Alter, Gewicht (Männer 25-100 kg), Ethnische Deutschland (Alter 20-40) Femur Referenzbevölkerung (v110)
Laut Statistik sind 68% der Folge-Scans im Bereich von 1SA (± 0,012 g/cm² für Linker Femur Gesamt)

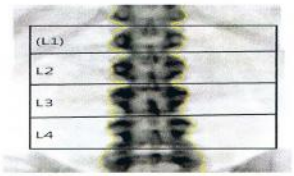
FERNÖSTLICHES MEDIZINZENTRUM
Dr. Stockenreiter - Dr. Park - Dr. Postlbauer

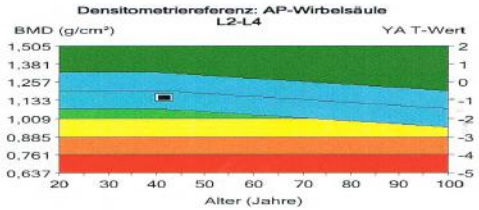
Patient Karl P., 41 years old

Nano Calcium treatment for 2 months

Diagnosezentrum Brigittenau
Univ. Doz. Dr. Winkelbauer, Univ. Doz. Dr. Partik
Pasettistraße 71-75, 1200 Wien, Tel.: 350 26 26

Patient:	Postlbauer, Karl	**Anstalts-Kennung:**	28
Geburtsdatum:	23.12.1971 41,6 Jahre	**Verantwortlicher Arzt:**	Dr. Karl Postlbauer
Größe / Gewicht:	178,0 cm 68,0 kg	**Gemessen:**	02.08.2013 14:53:22 (12,20)
Geschl. / Ethn.:	Männlich Weiß	**Analysiert:**	02.08.2013 14:56:52 (12,20)

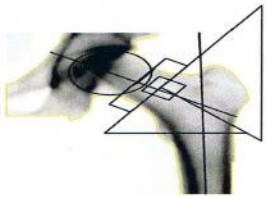


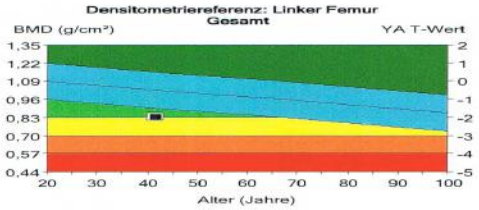


Bereich	BMD (g/cm²)	Junge Erw. (%)	Junge Erw. T-Wert	Altersvergl. (%)	Altersvergl. Z-Wert
L1	0,924	79	-2,0	82	-1,7
L2	1,087	87	-1,3	90	-1,0
L3	1,206	96	-0,4	99	-0,1
L4	1,147	91	-0,9	95	-0,5
L2-L3	1,150	92	-0,9	95	-0,5
L2-L4	1,149	92	-0,9	95	-0,5
L3-L4	1,174	93	-0,7	97	-0,3

Übereinstimmung nach Alter, Gewicht (Männer 25-100 kg), Ethnische Deutschland (Alter 20-40) AP-Wirbelsäule Referenzbevölkerung (v111)
Laut Statistik sind 68% der Folge-Scans im Bereich von 1SA (± 0,007 g/cm² für AP-Wirbelsäule L2-L4)

Bild nicht für Diagnosezwecke

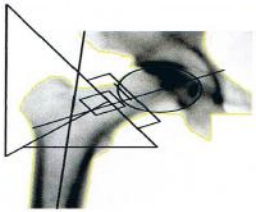


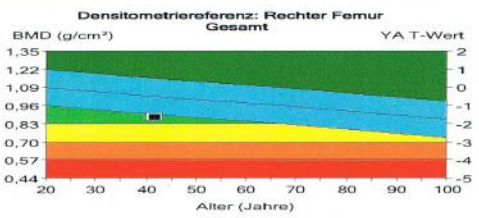


Bereich	BMD (g/cm²)	Junge Erw. (%)	Junge Erw. T-Wert	Altersvergl. (%)	Altersvergl. Z-Wert
Hals	0,796	74	-2,1	80	-1,5
Troch	0,698	75	-2,1	79	-1,7
Gesamt	0,837	77	-1,9	82	-1,4

Übereinstimmung nach Alter, Gewicht (Männer 25-100 kg), Ethnische Deutschland (Alter 20-40) Femur Referenzbevölkerung (v111)
Laut Statistik sind 68% der Folge-Scans im Bereich von 1SA (± 0,012 g/cm² für Linker Femur Gesamt)

Bild nicht für Diagnosezwecke





Bereich	BMD (g/cm²)	Junge Erw. (%)	Junge Erw. T-Wert	Altersvergl. (%)	Altersvergl. Z-Wert
Hals	0,880	82	-1,5	89	-0,9
Troch	0,728	78	-1,8	82	-1,4
Gesamt	0,881	81	-1,6	86	-1,1

Übereinstimmung nach Alter, Gewicht (Männer 25-100 kg), Ethnische Deutschland (Alter 20-40) Femur Referenzbevölkerung (v111)
Laut Statistik sind 68% der Folge-Scans im Bereich von 1SA (± 0,012 g/cm² für Rechter Femur Gesamt)

Bild nicht für Diagnosezwecke

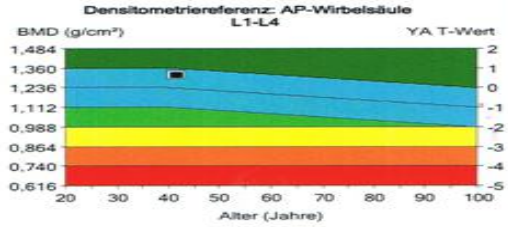
FERNÖSTLICHES MEDIZINZENTRUM
Dr. Stockenreiter - Dr. Park - Dr. Postlbauer

Patient Josef S., 41 years old, Nano Calcium for 2 months

Diagnosezentrum Brigittenau

Univ. Doz. Dr. Winkelbauer, Univ. Doz. Dr. Partik
Pasettistraße 71-75, 1200 Wien, Tel.: 350 26 26

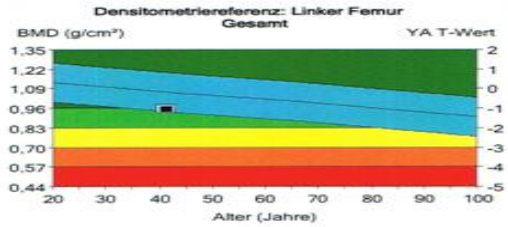
Patient:		**Anstalts-Kennung:**	30
Geburtsdatum:	02.02.1972 41,4 Jahre	**Verantwortlicher Arzt:**	Dr. Karl Postlbauer
Größe / Gewicht:	186,0 cm 82,0 kg	**Gemessen:**	02.08.2013 14:45:37 (12,20)
Geschl. / Ethn.:	Männlich Weiß	**Analysiert:**	02.08.2013 14:48:11 (12,20)



Bereich	BMD (g/cm²)	Junge Erw. (%)	Junge Erw. T-Wert	Altersvergl. (%)	Altersvergl. Z-Wert
L1	1,165	99	-0,1	98	-0,2
L2	1,369	110	1,0	108	0,9
L3	1,455	115	1,6	114	1,5
L4	1,279	101	0,1	100	0,0
L1-L2	1,268	105	0,5	104	0,4
L1-L3	1,334	109	0,9	108	0,8
L1-L4	1,318	107	0,7	105	0,6
L2-L3	1,413	112	1,3	111	1,2
L2-L4	1,363	108	0,8	107	0,7
L3-L4	1,360	108	0,8	107	0,7

Übereinstimmung nach Alter, Gewicht (Männer 25-100 kg), Ethnische Deutschland (Alter 20-40) AP-Wirbelsäule Referenzbevölkerung (v111)
Laut Statistik sind 68% der Folge-Scans im Bereich von 1SA (± 0,007 g/cm² für AP-Wirbelsäule L1-L4)

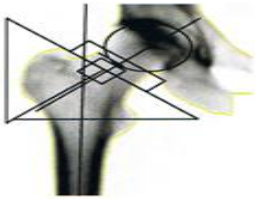
Bild nicht für Diagnosezwecke

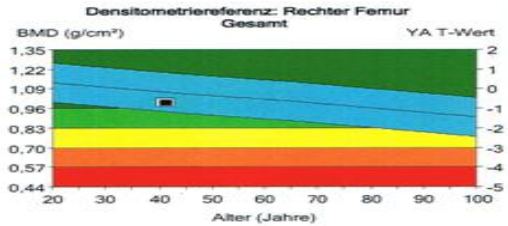


Bereich	BMD (g/cm²)	Junge Erw. (%)	Junge Erw. T-Wert	Altersvergl. (%)	Altersvergl. Z-Wert
Hals	0,879	82	-1,5	85	-1,2
Troch	0,881	95	-0,4	95	-0,4
Gesamt	0,957	88	-1,0	90	-0,8

Übereinstimmung nach Alter, Gewicht (Männer 25-100 kg), Ethnische Deutschland (Alter 20-40) Femur Referenzbevölkerung (v111)
Laut Statistik sind 68% der Folge-Scans im Bereich von 1SA (± 0,012 g/cm² für Linker Femur Gesamt)

Bild nicht für Diagnosezwecke





Bereich	BMD (g/cm²)	Junge Erw. (%)	Junge Erw. T-Wert	Altersvergl. (%)	Altersvergl. Z-Wert
Hals	0,909	85	-1,2	88	-1,0
Troch	0,901	97	-0,3	97	-0,2
Gesamt	0,998	92	-0,7	93	-0,5

Übereinstimmung nach Alter, Gewicht (Männer 25-100 kg), Ethnische Deutschland (Alter 20-40) Femur Referenzbevölkerung (v111)
Laut Statistik sind 68% der Folge-Scans im Bereich von 1SA (± 0,012 g/cm² für Rechter Femur Gesamt)

Bild nicht für Diagnosezwecke

FERNÖSTLICHES MEDIZINZENTRUM
Dr. Stockenreiter - Dr. Park - Dr. Postlbauer

Patient Cäcilie G., 72 years old

Nano Calcium treatment for 6 months

menosan

Ambulatorium
Favoritenstr. 76b
Wien, A 1100

Phone: 602-90-9
Fax: 603-62-0

Patient Name:	GRAD, CAECILIE	Current Height:	163 cm
Social Security No:		Current Weight:	61 kg
Patient ID:	52440		
Postal Code:		DOB:	22.11.1941
Sex:	F	Menopause Age:	
Ethnicity:	W	Age:	68

Referring Physician:

Image not for diagnostic use
Total BMD CV 1.0%

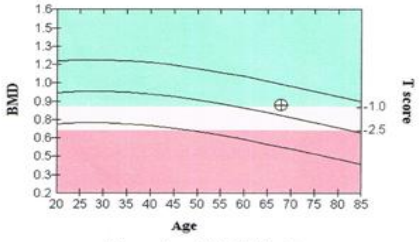
DXA Scan Information:

Scan:	11.2.2010 - A0211100H
Scan Mode:	Fast Array
Analysis:	02.11.2010 10:36 - Ver 8.26
Operator:	SW
Model:	Hologic QDR-4500 (S/N 49247)
Comment:	

Results Summary:

Total[L] BMD:	0,869 g/cm²		
Peak reference:	89%	T score:	-0,9
Age matched:	110%	Z score:	0,7

Region	Area [cm²]	BMC [g]	BMD [g/cm²]	T score	%PR	Z score	%AM
Neck:	5,35	3,60	0,672	-2,2	75%	-0,1	99
Troch:	13,17	9,18	0,697	-0,3	97%	1,2	119
Inter:	21,34	21,86	1,024	-0,9	89%	0,6	109
Total	39,87	34,64	0,869	-0,9	89%	0,7	110
Ward's:	1,09	0,50	0,462	-3,0	58%	0,0	99



Reference Curve: HLX 25 Oktober 91
Age and Sex Matched

Fracture Risk	WHO Classification*
Not Increased	Normal
Increased	Osteopenia
High	Osteoporosis

* WHO 1994

HOLOGIC
V2.0 11.2.2010

menosan

Ambulatorium
Favoritenstr. 76b
Wien, A 1100

Phone: 602-90-9
Fax: 603-62-0

Patient Name:	GRAD, CAECILIE	Current Height:	163 cm
Social Security No:		Current Weight:	61 kg
Patient ID:	52440		
Postal Code:		DOB:	22.11.1941
Sex:	F	Menopause Age:	
Ethnicity:	W	Age:	68

Referring Physician:

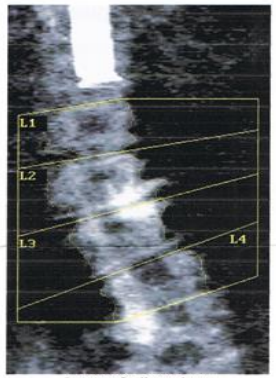


Image not for diagnostic use
Total BMD CV 1.0%

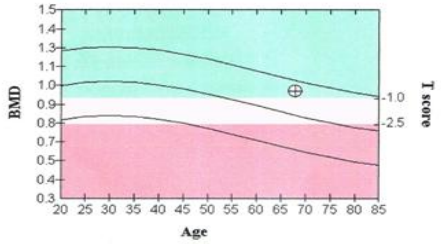
DXA Scan Information:

Scan:	11.2.2010 - A0211100G
Scan Mode:	Fast Array
Analysis:	02.11.2010 10:33 - Ver 8.26
Operator:	SW
Model:	Hologic QDR-4500 (S/N 49247)
Comment:	

Results Summary:

Total BMD:	0,983 g/cm²		
Peak reference:	94%	T score:	-0,6
Age matched:	119%	Z score:	1,4

Region	Area [cm²]	BMC [g]	BMD [g/cm²]	T score	%PR	Z score	%AM
L1	11,21	8,70	0,776	-1,4	84%	0,4	106%
L2	14,91	16,16	1,084	0,5	105%	2,5	133%
L3	14,23	14,72	1,035	-0,4	95%	1,6	121%
L4	12,55	12,44	0,991	-1,1	89%	1,0	112%
Total:	52,90	52,02	0,983	-0,6	94%	1,4	119%



Reference Curve: TK 11 April 91
Age and Sex Matched

Fracture Risk	WHO Classification*
Not Increased	Normal
Increased	Osteopenia
High	Osteoporosis

* WHO 1994

HOLOGIC
V2.0 11.2.2010

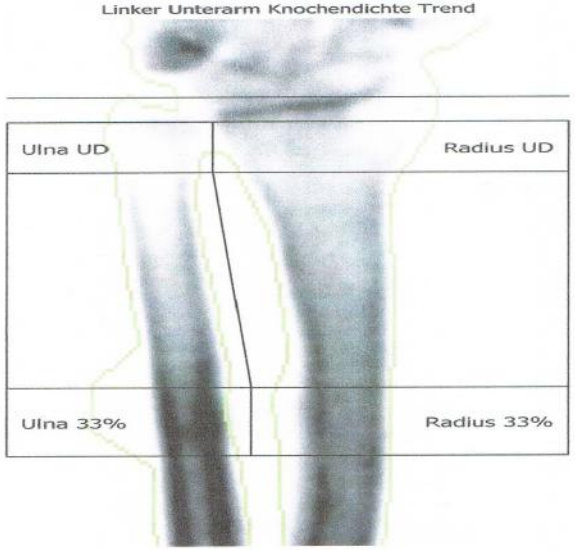
FERNÖSTLICHES MEDIZINZENTRUM
Dr. Stockenreiter - Dr. Park - Dr. Postlbauer

Patient Konrad T., 66 years old Nano Calcium treatment for 6 months

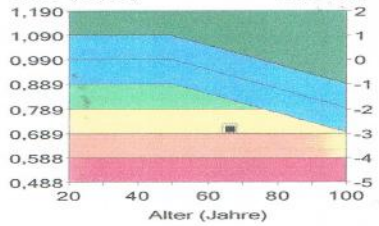
Herz-Jesu Krankenhaus
DEXA - Radiologie
A-1030 Wien Baumgasse 20a

Patient:	Tretter, Konrad		**Anstalts-Kennung:**		
Geburtsdatum:	05.12.1946 66,5 Jahre		**Überweisender Arzt:**	Edel, Bernhard/ Dr.	
Größe / Gewicht:	180,0 cm 65,0 kg		**Gemessen:**	08.07.2013 12:37:36	(13,60)
Geschl. / Ethn.:	Männlich Weiß		**Analysiert:**	08.07.2013 12:37:37	(13,60)

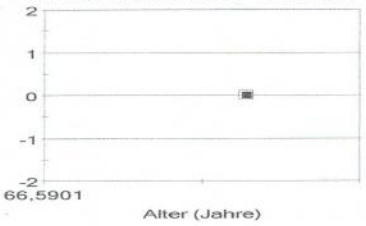
Linker Unterarm Knochendichte Trend



Densitometrieref.: Radius 33% (BMD)



Trend: Radius 33% (BMD)
%Änderung gegenüber Vorherigen



Linker Unterarm (Radius 33%) Ergebnisse

BMD (g/cm²) [1]	0,705
T-wert (SA der BMD Junger Erw.) [2]	-2,9
Z-wert (SA der BMD Altersvergl.) [3]	-2,2

Trend: Radius 33%

Gemessen Datum	Alter (Jahre)	BMD [1] (g/cm²)	Ändern gegenüber Vorherige (g/cm²)	Ändern gegenüber Vorherige (%)
08.07.2013	66,5	0,705	-	-

Kommentare:

Bild nicht für Diagnosezwecke

Gedruckt: 10.07.2013 10:19:05 (13,60)76:0,15:50,03:12,0 0,00:6,20
0,60x1,05 5,6:%Fett=26,3%
0,00:0,00 0,00:0,00
Unterarmlänge: 29,0 cm
Dateiname: wf5mpm7ifc.dfa
Scanmodus: Standard;Nicht sitzend 2,0 µGy

1 - Laut Statistik sind 68% der Folge-Scans im Bereich von 1SA (± 0,020 g/cm² für Linker Unterarm Radius 33%)
2 - Deutschland (Alter 20-40) Unterarm Referenzbevölkerung (v112)
3 - Übereinstimmung nach Alter, Ethnischer
9 - Lunar-Kalibrierung läuft.
11 - Definition der Weltgesundheitsorganisation für Osteoporose und Osteopenie bei weißen Frauen: Normal = T-wert bei oder über -1,0 SD; Osteopenie = T-wert zwischen -1,0 und -2,5 SD; Osteoporose = T-wert bei oder unter -2,5 SD; (WHO-Definitionen gelten nur bei Verwendung einer Referenzdatenbank mit gesunden jungen weißen Frauen zur Bestimmung der T-werte.)

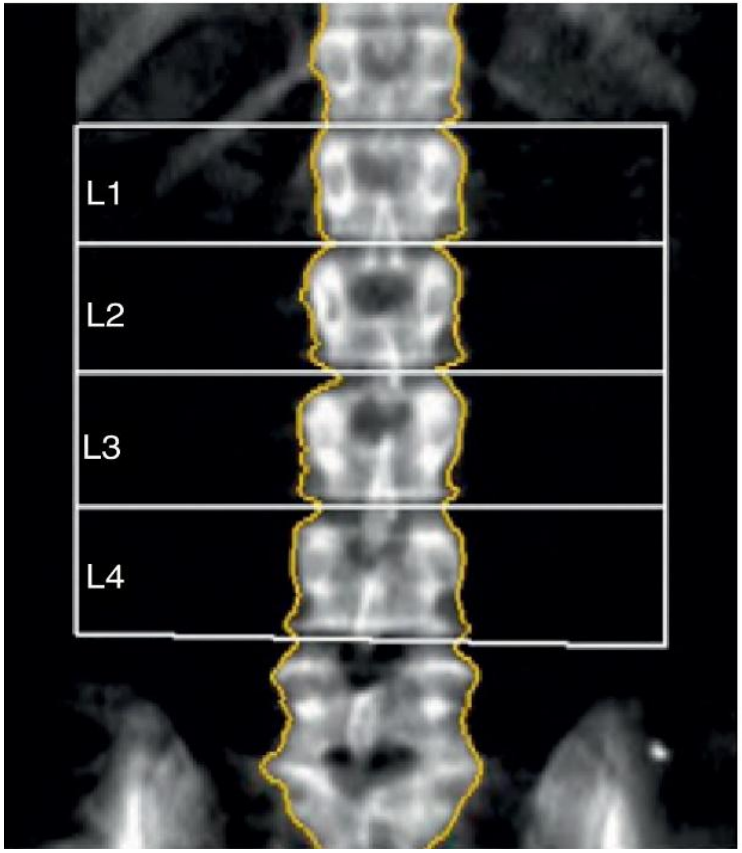
FERNÖSTLICHES MEDIZINZENTRUM
Dr. Stockenreiter - Dr. Park - Dr. Postlbauer

Patient Peter-Michael L., 48 years old

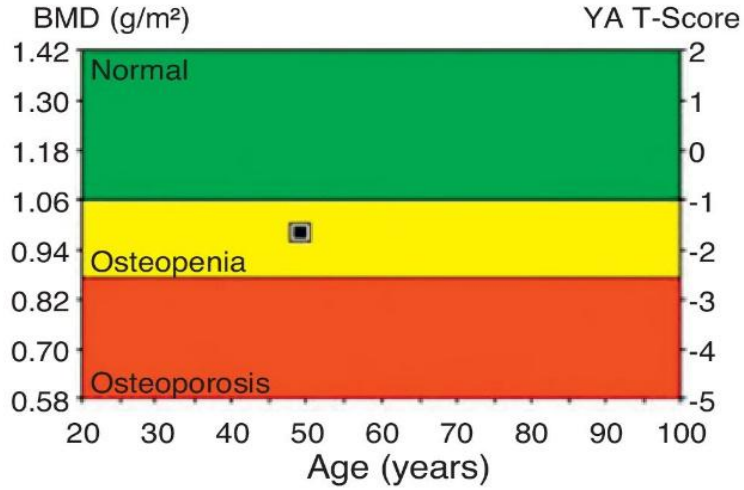
Diagnose: Osteopenie

Nano Calcium treatment for 3 months

PA Spine Bone Density



Densitometric reference: L1-L4

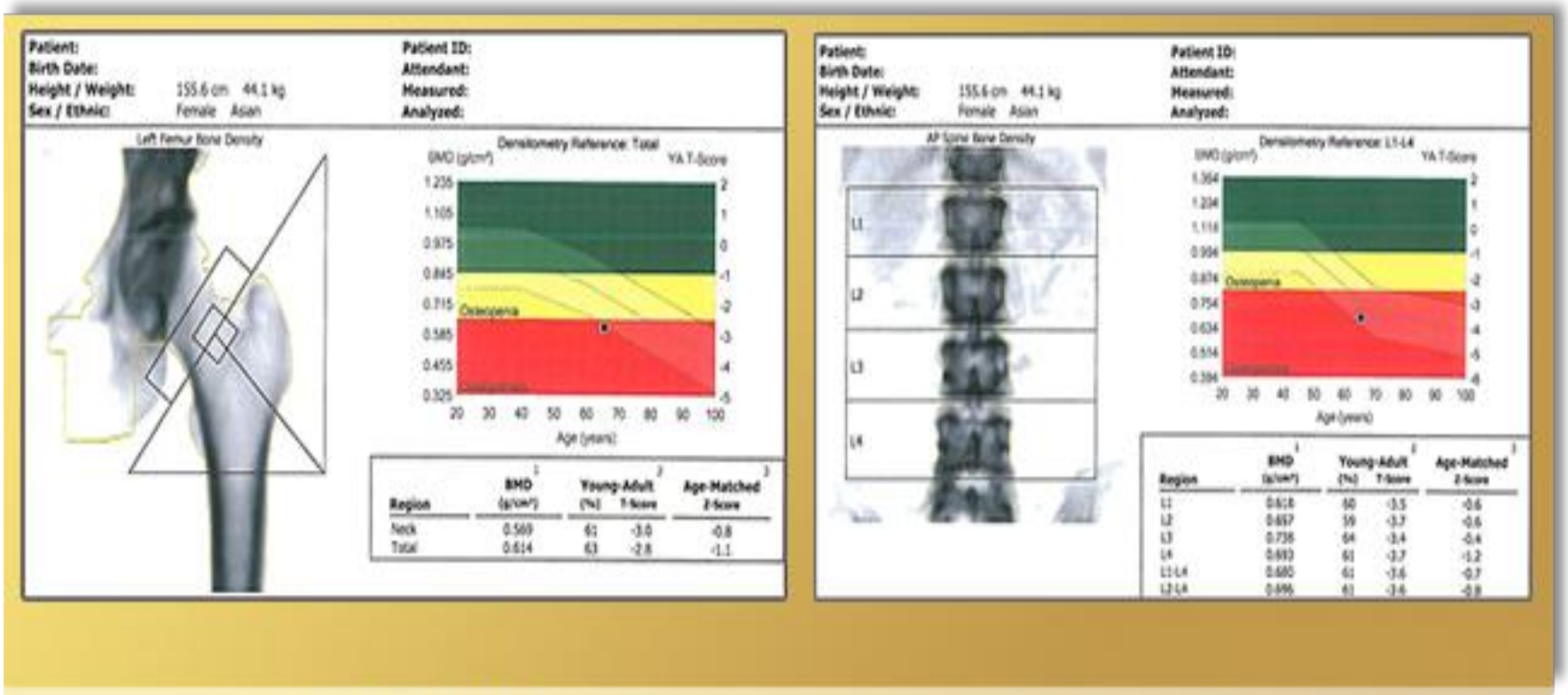


Region	BMD [1] (g/m²)	Young-Adult [2] (%)	Young-Adult [2] T-Score
L1	0.987	87	-1.2
L2	0.930	78	-2.2
L3	1.053	88	-1.2
L4	0.961	80	-2.0
L1-L4	0.983	83	-1.6
L2-L4	0.982	82	-1.8

FERNÖSTLICHES MEDIZINZENTRUM

Dr. Stockenreiter - Dr. Park - Dr. Postlbauer

DEXA Scan of Hip and Lumbar Spine
Diagnose: Osteoporose

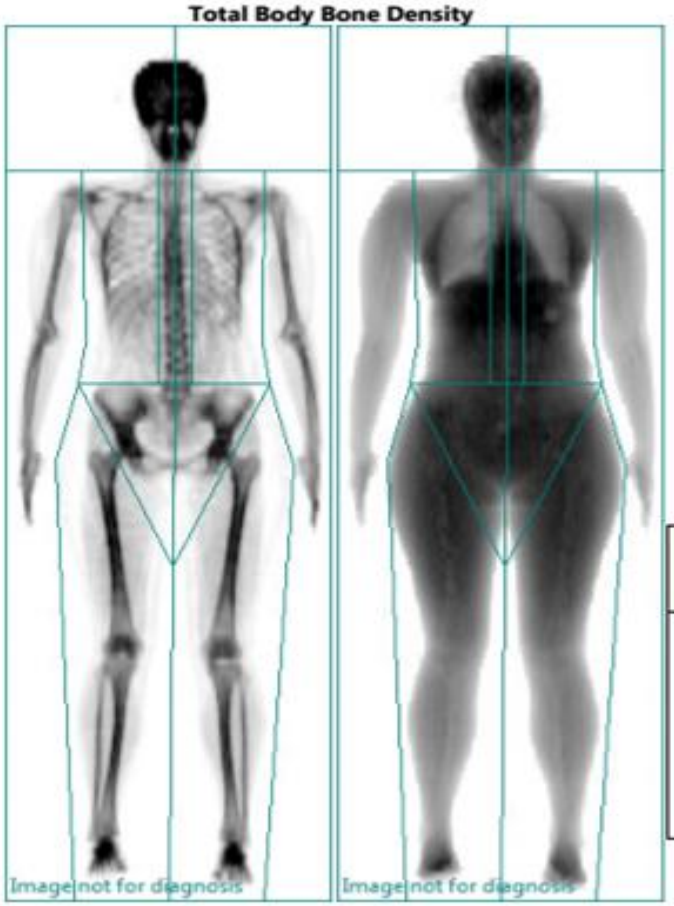


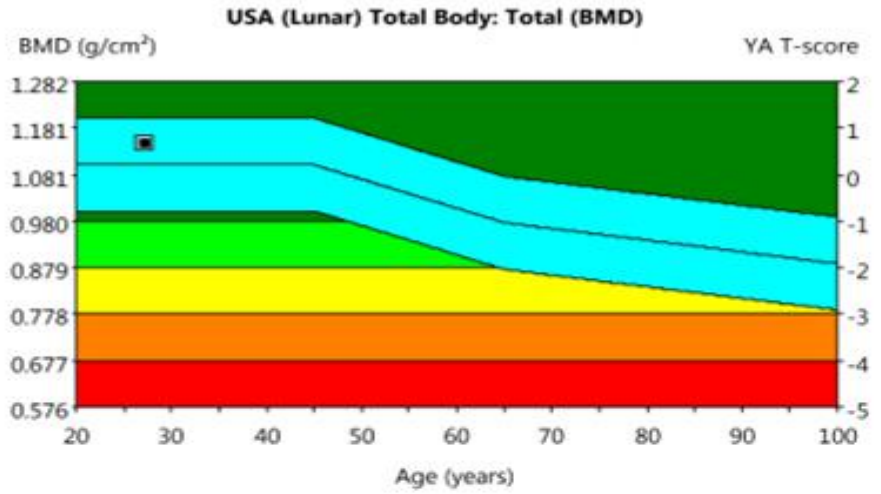
Dexa scan of hip

Dexa scan of spine

FERNÖSTLICHES MEDIZINZENTRUM
Dr. Stockenreiter - Dr. Park - Dr. Postlbauer

Whole body DEXA – SCAN
Diagnose: Normal findings





Densitometry: USA (Lunar) (Enhanced Analysis)			
Region	BMD (g/cm²)	Young-Adult T-score	Age-Matched Z-score
Head	2.267	-	-
Arms	0.849	-	-
Legs	1.204	-	-
Trunk	0.865	-	-
Ribs	0.755	-	-
Spine	0.936	-	-
Pelvis	0.944	-	-
Total	1.148	0.7	0.5

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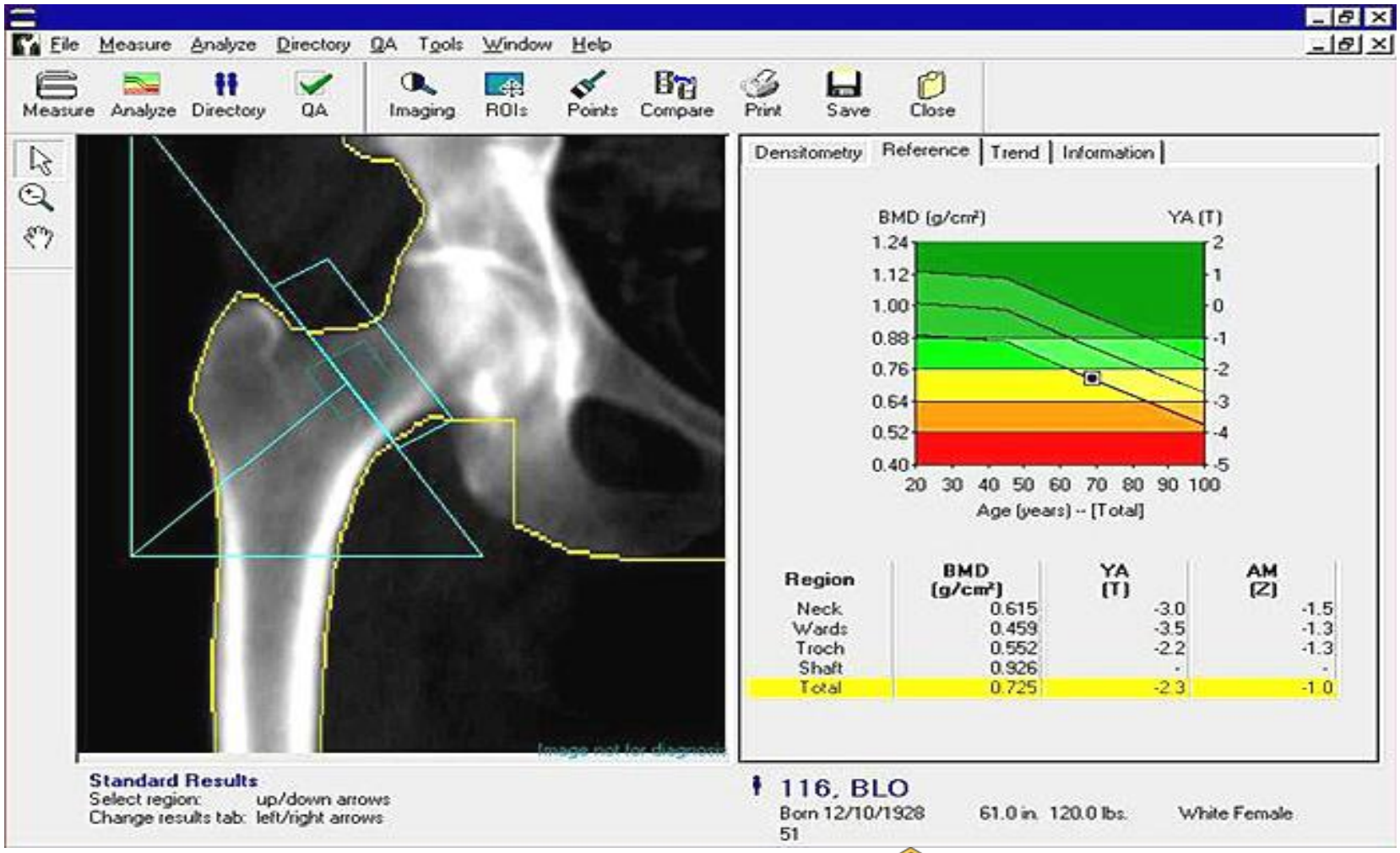
Dexa – Hip Scan with Diagnosis of Osteopenia



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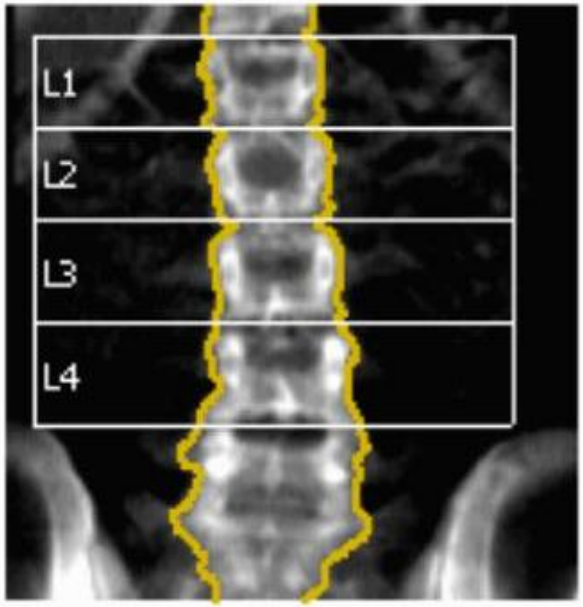
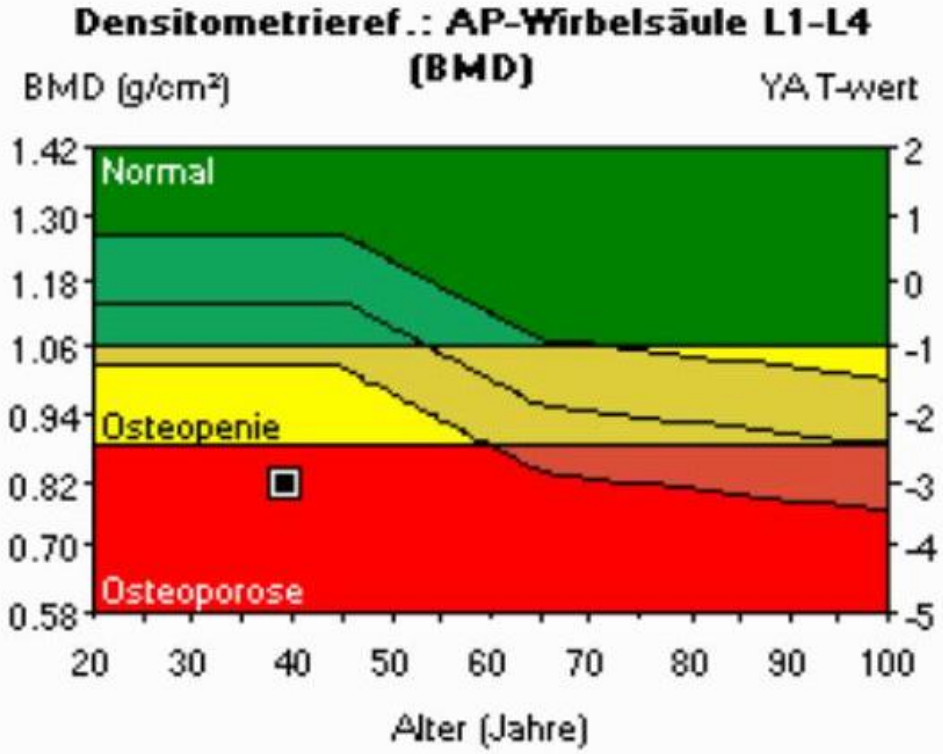
Dexa Scan of the Lumbar Spine with the Diagnosis of Osteoporosis





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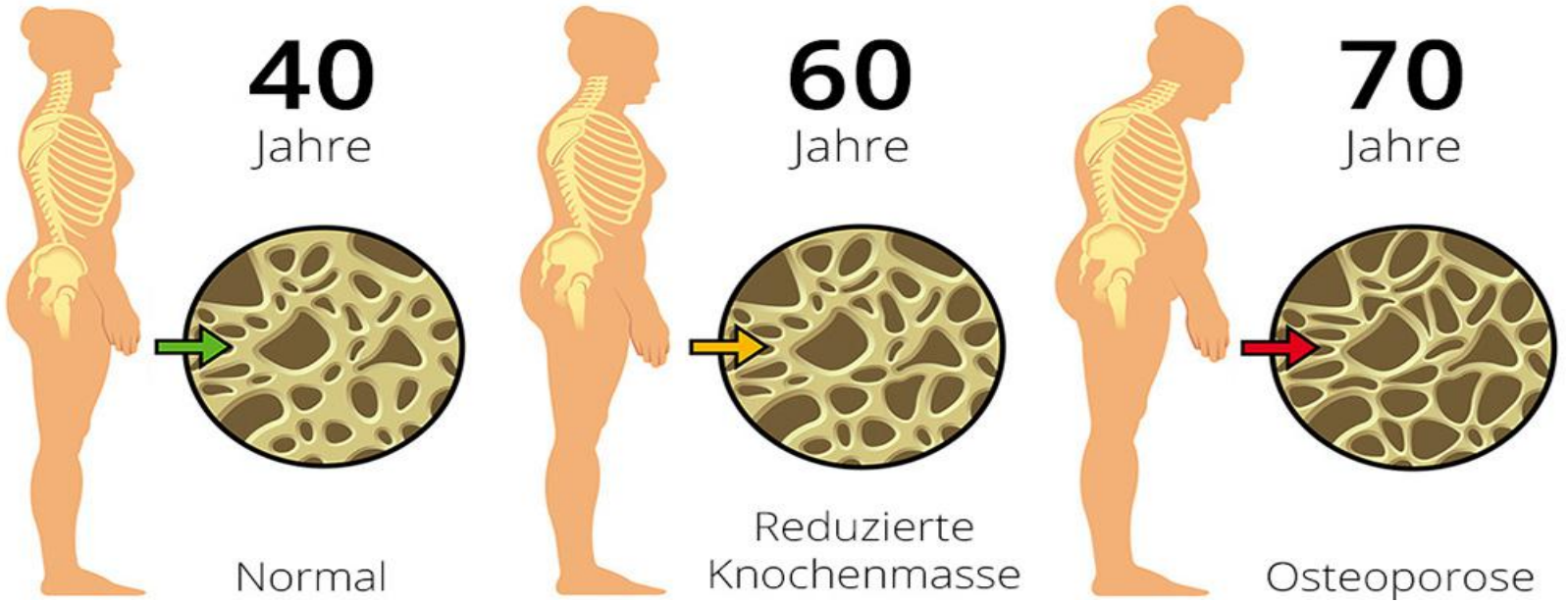
Decrease in the Bone mass in old age



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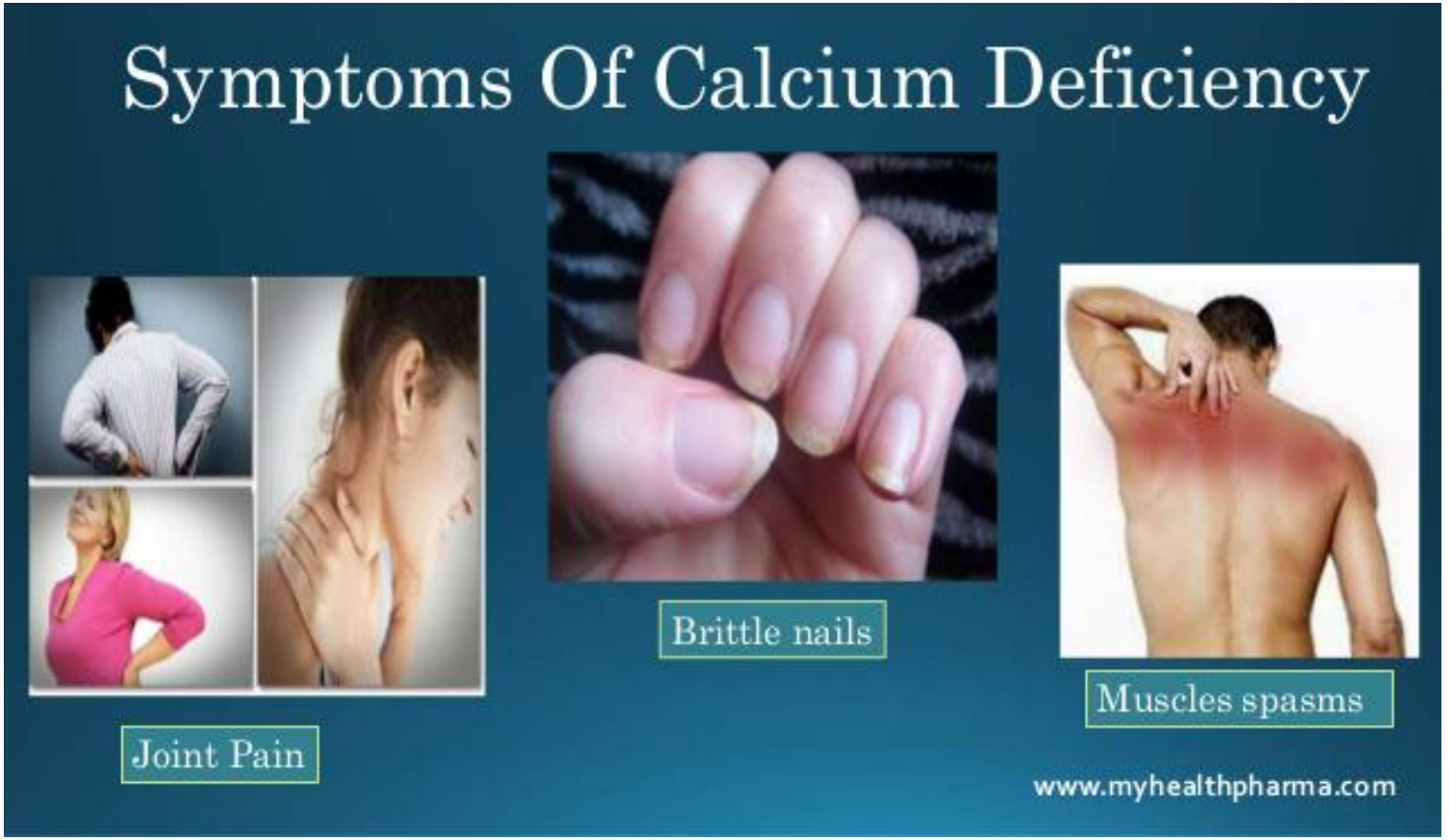
Symptoms of Calcium Deficiency



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View of European East-West Medicine Consolidated Hospital

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