

Data of Trabecular bone

CT Analyser, Version: 1.8.1.4
Date and time,02.07.2009 16:16
Operator identity,Skyscan IBMS
Computer name,SKYSCAN-PC1
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Dataset,2009.06.26_b6m04__rec_voi
Location,C:\Result\台灣小鼠診所\TMC inhouse test\Huang Wen\2009.06.26_B6WT\B6M04\L\

Description,Abbreviation,Value,Unit

Number of layers,,85
Lower vertical position,,14.20316,mm
Upper vertical position,,15.71529,mm
Pixel size,,18.00148,um
Lower grey threshold,,65
Upper grey threshold,,130

※Trabecular parameters of the distal femoral metaphysis .

Tissue volume,TV,3.29268,mm³
Bone volume,BV,0.46043,mm³
Percent bone volume,BV/TV,13.98347,%
Tissue surface,TS,16.76979,mm²
Bone surface,BS,50.97390,mm²
Intersection surface,i.S,0.93431,mm²
Bone surface / volume ratio,BS/BV,110.70917,1/mm
Bone surface density,BS/TV,15.48099,1/mm
Trabecular pattern factor,Tb.Pf,-3.43583,1/mm
Centroid (x),Crd.X,-0.06175,mm
Centroid (y),Crd.Y,0.17028,mm
Centroid (z),Crd.Z,15.11635,mm
Structure model index,SMI,0.94797,
Trabecular thickness,Tb.Th,0.05165,mm
Trabecular number,Tb.N,2.70742,1/mm
Trabecular separation,Tb.Sp,0.19377,mm
Degree of anisotropy,DA,1.55651 (0.35754),

Eigenvalue 1,,18.03665,
Eigenvalue 2,,26.90283,
Eigenvalue 3,,28.07422,
Fractal dimension,FD,2.12447,

Trabecular thickness distribution,Tb.Th.,
mm,mm,mm³,%

0.018 - <0.054,0.036,0.03889,57.21

0.054 - <0.090,0.072,0.02863,42.12

0.090 - <0.126,0.108,0.00046,0.67

Trabecular separation distribution,Tb.Sp.,
mm,mm,mm³,%

0.018 - <0.054,0.036,0.02156,0.837

0.054 - <0.090,0.072,0.19370,7.519

0.090 - <0.126,0.108,0.33794,13.118

0.126 - <0.162,0.144,0.43114,16.735

0.162 - <0.198,0.180,0.45654,17.721

0.198 - <0.234,0.216,0.36223,14.060

0.234 - <0.270,0.252,0.34179,13.267

0.270 - <0.306,0.288,0.22998,8.927

0.306 - <0.342,0.324,0.07743,3.005

0.342 - <0.378,0.360,0.03083,1.197

0.378 - <0.414,0.396,0.09314,3.615