

## List of Publications (DXA)

- ⇒ D.O. SLOSMAN, R. RIZZOLI, A. DONATH, J.-Ph. BONJOUR. Comparative study of the performances of X-ray and gadolinium 153 bone densitometers at the level of the spine, femoral neck and femoral shaft. **Eur J Nucl Med.** 17:3-9,1990.
- ⇒ T. CHEVALLEY, R. RIZZOLI, V. NYDEGGER, D.O. SLOSMAN, L. TKATCH, C.-H. RAPIN, H. VASEY, J.-Ph. BONJOUR. Preferential low bone mineral density of the femoral neck in patients with a recent fracture of the proximal femur. **Osteoporos Int.** 1:147-154,1991.
- ⇒ J.-Ph. BONJOUR, G. THEINTZ, B. BUCHS, D.O. SLOSMAN, R. RIZZOLI. Critical years and stages of puberty for spinal and femoral bone mass accumulation during adolescence. **J Clin Endocrinol Metab** 73:555-563,1991.
- ⇒ P. AMMANN, R. RIZZOLI, D.O. SLOSMAN, J.-Ph. BONJOUR. Sequential and precise in vivo measurement of bone mineral density in rats using dual-energy X-ray absorptiometry. **J Bone Miner Res.** 7:311-316,1992.
- ⇒ B. BUCHS, R. RIZZOLI, D.O. SLOSMAN, V. NYDEGGER, J.-Ph. BONJOUR. Bone mineral density of the lumbar spine, the femoral neck and femoral diaphysis in a Genevan population sample. **Scweiz Med Wschr.** 122:1129-1136, 1992. French.
- ⇒ G. THEINTZ, B. BUCHS, R. RIZZOLI, D.O. SLOSMAN, J.-Ph. BONJOUR. Longitudinal monitoring of bone mass accumulation in healthy adolescents: evidence for a marked reduction after 16 years of age at the levels of lumbar spine and femoral neck in female subjects. **J Clin Endocrinol Metab.** 75:1060-1065,1992.
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- ⇒ C. GABAY, P. RUEDIN, D.O. SLOSMAN, J.-Ph. BONJOUR, M. LESKI, R. RIZZOLI. Bone mineral density in patients with end-stage renal failure. **Am J Nephrol.** 13:115-123,1993.
- ⇒ P. AMMANN, R. RIZZOLI, J. CAVERZASIO, T. SHIGEMATSU, D.O. SLOSMAN, J.-Ph. BONJOUR. Effects of the bisphosphonate tiludronate on bone resorption, calcium balance, and bone mineral density. **J Bone Miner Res.** 8:1491-1498,1993.
- ⇒ P. AMMANN, R. RIZZOLI, K. MÜLLER, D. SLOSMAN, J.-Ph. BONJOUR. IGF-1 and pamidronate increase bone mineral density in ovariectomized adult rats. **Am J Physiol.** 265:E770-776,1993.
- ⇒ G. GEINOZ, C.-H. RAPIN, R. RIZZOLI, R. KRAEMER, B. BUCHS, D.O. SLOSMAN, J.P. MICHEL, J.-Ph. BONJOUR. Relationship between bone mineral density and dietary intakes in elderly. **Osteoporos Int.** 3:242-248,1993.
- ⇒ J.-Ph. BONJOUR, G. THEINTZ, B. BUCHS, D.O. SLOSMAN, H. CLAVIEN, R. RIZZOLI. Variation in spinal femoral bone mass gain, energy and calcium intake during adolescence. **Osteoporos Int.** 3 Suppl 1:67-68,1993.
- ⇒ P. RUEDIN, R. RIZZOLI, D.O. SLOSMAN, M. LESKI, J.-Ph. BONJOUR. Effects of oral calcitriol on bone mineral density in patients with end-stage renal failure. **Kidney Int.** 45:245-252,1994.
- ⇒ D.O. SLOSMAN, R. RIZZOLI, C. PICHARD, A. DONATH, J.-Ph. BONJOUR. Longitudinal measurement of regional and whole body bone mass in young healthy adults. **Osteoporos Int.** 4:185-190,1994.
- ⇒ J.-Ph. BONJOUR, G. THEINTZ, F. LAW, D.O. SLOSMAN, R. RIZZOLI. Peak bone mass. **Osteoporos Int.** 4 Suppl 1:7-13,1994. Review.
- ⇒ T. CHEVALLEY, R. RIZZOLI, V. NYDEGGER, D.O. SLOSMAN, C.-H. RAPIN, J.-P. MICHEL, H. VASEY, J.-Ph. BONJOUR. Effects of calcium supplements on femoral bone mineral density and vertebral fracture rate in vitamin-D-replete elderly patients. **Osteoporos Int.** 4:245-252,1994.
- ⇒ P.-E. FOURNIER, R. RIZZOLI, D.O. SLOSMAN, B. BUCHS, J.-Ph. BONJOUR. Relative contribution of vertebral body and posterior arch in female and male lumbar spine peak bone mass. **Osteoporos Int.** 4:264-272,1994.
- ⇒ R. RIZZOLI, T. CHEVALLEY, D.O. SLOSMAN, J.-Ph. BONJOUR. Sodium monofluorophosphate increases vertebral bone mineral density in patients with corticosteroid-induced osteoporosis. **Osteoporos Int.** 5:39-46, 1995.
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- ⇒ S. FERRARI, R. RIZZOLI, T. CHEVALLEY, D.O. SLOSMAN, J.A. EISMAN, J.- Ph. BONJOUR. Vitamin-D-receptor-gene polymorphisms and change in lumbar-spine bone mineral density. **Lancet.** 345 :423-424,1995.
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- ⇒ J.-Ph. BONJOUR, A.-L. CARRIE, S. FERRARI, H. CLAVIEN, D.O. SLOSMAN, G. THEINTZ, R. RIZZOLI. Calcium-enriched foods and bone mass growth in prepubertal girls : a randomized, double-blind, placebo-controlled trial. **J Clin Invest.** 15:1287-1294,1997.
- ⇒ S. FERRARI, R. RIZZOLI, D.O. SLOSMAN , J.-Ph. BONJOUR. Familial resemblance for bone mineral mass is expressed before puberty. **J Clin Endocrinol Metab.** 83:358-361,1998.
- ⇒ S. FERRARI, R. RIZZOLI, D.O. SLOSMAN , J.-Ph. BONJOUR. Do dietary calcium and age explain the controversy surrounding the relationship between bone mineral density and vitamin D receptor gene polymorphisms ? **J Bone Miner Res.** 13:363-370,1998.
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- ⇒ B. TROSSELLO, D.O. SLOSMAN, M. ROTH, B. UEBELHART, C. KIEKENS, A. CHANTRAINE, D. UEBELHART.

Evolution prospective de la composition corporelle et des marqueurs biochimiques du remodelage osseux chez l'hémiplégique. **Ann Réadaptation Méd Phys.** 42:151-160, 1999.

- ⇒ S.A. ZAMORA, R. RIZZOLI, D.C. BELLI, D.O. SLOSMAN, J.-Ph. BONJOUR. Vitamin D supplementation during infancy is associated with higher bone mineral mass in prepubertal girls. **J Clin Endocrinol Metab.** 84:4541-4544; 1999.
- ⇒ S.P. NIELSEN, D.O. SLOSMAN, O.H. SORENSEN, B. BASSE- CATHALINAT, P. de CASSIN, C. ROUX, P.J. MEUNIER. Influence of Strontium on bone mineral density and bone mineral content measurements by dual X-Ray absorptiometry. **Journal of Clinical Densitometry.** 2:371-379, 1999.
- ⇒ A. TROMBETTI, M. W. GERBASE, A. SPILIOPOULOS, D.O. SLOSMAN, L.P. NICOD, R. RIZZOLI. Bone mineral density in lung-transplant recipients before and after graft: prevention of lumbar spine post-transplantation-accelerated bone loss by pamidronate. **The Journal of Heart and Lung Transplantation.** 19:736-743, 2000.
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- ⇒ N. BUCHS, C. HELG, C. COLLAO, B. CHAPUIS, D.O. SLOSMAN, J.-Ph. BONJOUR, R. RIZZOLI. Allogeneic bone marrow transplantation is associated with a preferential femoral neck bone loss. **Osteoporos Int.** 12:880-886, 2001.
- ⇒ G. GREMION, R. RIZZOLI, D.O. SLOSMAN, G. THEINTZ, J.P. BONJOUR. Oligo-amenorrheic long-distance runners may lose more bone in spine than in femur. **Med Sci Sports Exerc.** 33:15-21, 2001.
- ⇒ D. HANS, R. RIZZOLI, D. THIEBAUD, K. LIPPUNER, S. ALLAOUA, L. GENTON, F. LUZUY, M.A. KRIEG, P. JAEGER, D.O. SLOSMAN. Reference data in a swiss population: discordance in patient classification using T-scores between the calcaneum, the spine and the femur. **J Clin Densitom.** 4:291-298, 2001
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- ⇒ D. HANS, S. ALLAOUA, L. GENTON, M. DELMI, H. VUAGNAT, R. RIZZOLI, S. TAHINTZI-ZAWADYNSKI, C. PERRON, C. PICHARD, D.O. SLOSMAN. Is time since hip fracture influencing the discrimination between fractured and non fractured subjects as assessed at the calcaneum by three technologically different quantitative ultrasound devices? **Calcif Tissue Int.** 71 :485-492, 2002
- ⇒ P.J. MEUNIER, D.O. SLOSMAN, P.D. DELMAS, J.L. SEBERT, M.L. BRANDI, C. ALBANESE, R. LORENC, S. PORS-NIELSEN, M.C. DE VERNEJOUL, A. ROCES, J.Y. REGINSTER. Strontium ranelate: dose-dependent effects in established postmenopausal vertebral osteoporosis – a 2-year randomized placebo controlled trial. **J Clin Endocrinol Metab.** 87:2060-2066, 2002
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- ⇒ O. BRUYERE, C. ROUX, J. BADUNSKI, G. ISAILA, MC de VERNEJOUL, J. CANNATA, S. ORTOLANI, D.O. SLOSMAN, J. DETILLEUX, JY REGINSTER. Relationship between change in femoral neck bone mineral density and hip fracture incidence during treatment with strontium ranelate. **Curr Med Res Opin** 2007 23:3041-3045.
- ⇒ BRUYERE, C. ROUX, J. DETILLEUX, D.O. SLOSMAN, TD SPECTOR, P. FARDELLONE, K. BRIKEN, JP DEVOGALER, M. DIAZ-CURIEL, C. ALBANESE, JM KAUFMAN, S. PORS-NIELSEN, JY REGINSTER. Relationship between bone mineral density changes and fracture risk reduction in patients treated with strontium ranelate. **J Clin Endocrinol Metab** 2007 92:3076-3081.
- ⇒ C. KENDLER D.L., ADACHI J.D., JOSSE R.G., D.O. SLOSMAN. Monitoring strontium ranelate therapy in patients with osteoporosis. **Osteoporosis Int** 2009. 7:1101-1106.

## List of Publications (WB)

- ⇒ C. PICHARD, D. SLOSMAN, J.-C. CHEVROLET, Ph. JOLLIET, U. KYLE. Interactions de la sous-nutrition et de la renutrition sur le tissu musculaire. **Nutr Clin Metab** 6 : 209-218, 1992.
- ⇒ T. ROCHAT, D.O. SLOSMAN, C. PICHARD, D.C. BELLI. Body composition analysis by dual energy X-ray absorptiometry in adults with cystic fibrosis. **Chest** 106 :800-805,1994.
- ⇒ C. PICHARD, U. KYLE, D.O. SLOSMAN, P. PENALOSA. Does fat-free mass as measured by bioelectrical impedance permit estimation of energy expenditure in hospitalized anorexia nervosa patients ? **Clin Nutr** 15 :109-114, 1996.
- ⇒ C. PICHARD, Ph. JOLLIET, J.C. CHEVROLET, J.A. ROMAND, D.O. SLOSMAN. Recombinant human growth hormone in chronic and acute respiratory insufficiency. **Horm Res.** 45:222-229,1996.
- ⇒ F. CURTIN, A. MORABIA, C. PICHARD, D.O. SLOSMAN. Body mass index compared to dual-energy X-ray absorptiometry: evidence for a spectrum bias. **J Clin Epidemiol.** 50:837-843,1997.
- ⇒ C. PICHARD, U. KYLE, J.-P. JANSSENS, L. BURDET, T. ROCHAT, D.O. SLOSMAN, J.-W. FITTING, D. THIEBAUD, M. ROULET, J.-M. TSCHOPP, M.- LANDRY, Y. SCHUTZ. Body composition by X-ray absorptiometry and bioelectrical impedance in chronic respiratory insufficiency patients. **Nutrition.** 13:952-958,1997.
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- ⇒ C. PICHARD, P. SUDRE, V. KARSEGARD, S YERLY, D.O. SLOSMAN, V. DELLEY, L PERRIN, B HIRSCHHEL. A randomized double-blind controlled study of 6 months of oral nutritional supplementation with arginine and omega-3 fatty acids in HIV-infected patients. Swiss HIV Cohort Study. **AIDS.** 1:53-63,1998.
- ⇒ U.G. KYLE, C. PICHARD, D.O. SLOSMAN. Normal values for fat-free and fat mass in 1678 healthy adults measured by bioelectrical impedance analysis (BIA). **Clinical Nutrition.** 17 Suppl. 1:49,1998.
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- ⇒ A. MORABIA, A. ROSS, F. CURTIN, C. PICHARD, D.O. SLOSMAN. Relation of body mass index (BMI) to dual-energy X-ray absorptiometry measure of fatness. **Br J Nutrition.** 82:49-55, 1999.
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- ⇒ U.G. KYLE, C. HELG, R. RIZZOLI, D. HANS, D.O. SLOSMAN, C. PICHARD. Longitudinal follow-up of body composition after bone marrow transplant (BMT). **Clin Nutr.** 2003 Aug;22(S1):S2-3.
- ⇒ U.G. KYLE, G. GREMION, L. GENTON, D.O. SLOSMAN, A. GOLAY, C. PICHARD. Physical activity and fat-free and fat mass as measured by bioelectrical impedance in 3853 adults. **Med Sci Sports Exerc.** Clin Nutr. 2004 Feb;23(1):79-88.
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