

業績目録

論文

Publications

1.
Yamashita K., Fuji T., Nakai T., Hamada H., Kotoh K.: Extradural spinal angioliopoma: Report of a Case studied with MRI. Surg Neurol 39, 49-52, 1993
2.
Nakai T., Masuhara K., Sugano N., Ohzono K., Ochi T.: Therapeutic effect of transtrochanteric rotational osteotomy and hip arthroplasty on quality life of patients with osteonecrosis. Archives of Orthopaedic and Trauma Surgery, 120: 252-254, 2000
3.
Nakai T., Masuhara K., Nakase T., Sugano N., Ohzono K., Ochi T.: Pathology of femoral head collapse following transtrochanteric rotational osteotomy for osteonecrosis. Archives of Orthopaedic and Trauma Surgery, 120: 489-492, 2000
4.
Nakai T., Masuhara K., Nakase T., Sugano N., Ohzono K., Ochi T.: Scintigraphic assessment of rotated femoral head after transtrochanteric rotational osteotomy for osteonecrosis. Journal of Bone and Joint Surgery (Am), 82-A, 1421-1425, 2000
5.
Masuhara K., Lee SB., Nakai T., Sugano N., Ochi T., Sasaguri Y.: Matrix metalloproteinases in patients with osteoarthritis of the hip. International Orthopaedics Vol 24, 92-96, 2000
6.
Nakai T., Masuhara, K., Kanbara, N.: Hip arthropathy associated with hemodialysis. Radiological and laboratory evaluation of 56 hemodialysis patients. Archives of Orthopaedic and Trauma Surgery, 121: 365-367, 2001
7.
Nakai T., Masuhara, K., Kato K., Kanbara, N.: Longitudinal measurement of bone mineral density at radius in hemodialysis patients using dual-energy X-ray absorptiometry. Journal of Musculoskeletal and Neuronal Interactions, 2: 163-165, 2001

8.
Nakai T., Masuhara, K., Kanbara, N.: Bone mineral density decrease is associated with alkaline phosphatase and carboxy-terminal parathyroid hormone in hemodialysis patients. *Dialysis & Transplantation* Vol 31, (11) 788-792, 2002
9.
Masuhara K., Nakai T., Yamaguchi K., Yamasaki S., Sasaguri Y.: Significant increase in serum and plasma concentrations of matrix metalloproteinases 3 and 9 in patients with rapidly destructive osteoarthritis of the hip. *Arthritis & Rheumatism* Vol 46, (10) 2625-2631, 2002
10.
Nakai T., Masuhara K., Yamasaki S., Fuji T., Kanbara N.: Metal-cancellous Lübeck total hip arthroplasty in hemodialysis patients. *J Orthopaedics and Traumatology* Vol 4: 26-29, 2003
11.
Yamaguchi K., Masuhara K., Yamasaki S., Nakai T., Fuji T.: Cyclic therapy with etidronate has a therapeutic effect against local osteoporosis after cementless total hip arthroplasty. *Bone* 33, 144-149, 2003
12.
Yamaguchi K., Masuhara K., Yamasaki S., Nakai T., Fuji T.: Predictive value of a preoperative biochemical bone marker in relation to bone remodeling after cementless total hip arthroplasty. *Journal of Clinical Densitometry* Vol 6, (3) 259-265, 2003
13.
Nakai T., Masuhara K., Yamasaki S., Fuji T., Kanbara N.: Predictors of early mortality following total hip arthroplasty in hemodialysis patients. *Dialysis & Transplantation* Vol 33, (3) 144-149, 2004
14.
Nakai T., Masuhara K., Kanbara N.: Hip arthropathy in long-term hemodialysis patients. *Dialysis & Transplantation* Vol 33, (8) 486-491, 2004
15.
Nakai T., Murao R., Temporin K., Kakiuchi M.: Painful nonunion of fracture of the entire posterior process of the talus: a case report. *Archives of Orthopaedic and Trauma Surgery*, Vol, 125: 721-724 (2005)
16.
Nakai T., Temporin K., Murao R., Kakiuchi M.: Introsseous pressure

the blood loss following cementless total hip arthroplasty, J Orthopaedics and Traumatology, Vol 6: 163-166 (2005)

17.

Nakai T., Kanbara N.: Serum crosslinked N-terminal telopeptide of type 1 collagen for evaluation of bone loss in hemodialysis patients using dual-energy X-ray absorptiometry. Dialysis & Transplantation Vol 36, (4) 217-220, 2007

18.

Kita T., Maki N., Song YS., Arai F., Nakai T.: Caudal epidural anesthesia administered intraoperatively provides for effective postoperative analgesia after total hip arthroplasty. Journal of Clinical Anesthesia, 19, 204-208, 2007

19

Yamasaki S., Masuhara K., Yamaguchi K., Nakai T., Fuji T., Seino Y.: Risedronate reduces postoperative bone resorption after cementless total hip arthroplasty. Osteoporos Int Vol 18, 1009-1015, 2007

20

Nakai T., Kakiuchi M.: Minimally invasive anterolateral total hip arthroplasty on a standard operating table using a two-tined retractor and a double offset broach handle. J. Orthopaedics Vol 6, (3) e10, 2009

国際学会

International Presentations

1.

Nakai T., Masuhara K., Lee S B., Matsui M., Ochi T.: Quality of life improvement after transtrochanteric rotational osteotomy of avascular necrosis of the femoral head: The 8th World Congress of the International Rehabilitation Medicine Association, Kyoto . August, 1997

2.

Nakai T., Masuhara K., Matsui M., Ochi T.: A histological study of collapsed femoral head after transtrochanteric rotational osteotomy for avascular necrosis of the femoral head. ARCO 8th International Symposium on Bone Circulation, London, Oct, 1997

Nakai T., Masuhara K., Matsui M., Ochi T.: HIP joint complications in hemodialysis. The 2nd International Conference on Osteoporosis, Osaka, Nov, 1997

4.
Nakai, T., Masuhara, K., Matsui, M., Ochi, T.: A histological study of collapsed femoral head after transtrochanteric rotational osteotomy for avascular necrosis of the femoral head. 44th Annual Meeting, Orthopaedic Research Society, New Orleans, Mar, 1998

5.
Nakai, T., Masuhara, K., Kanbara, N.: Hip arthropathy associated with hemodialysis. 3rd Combined Meeting, Orthopaedic Research Societies of U.S.A., Canada, Europe and Japan, Hamamatsu, Sept, 1998

6.
Nakai, T., Masuhara, K., Matsui, M., Sugano, N., Ohzono, K., Ochi, T.: Therapeutic effect of hip arthroplasty and transtrochanteric rotational osteotomy on quality of life of patients with osteonecrosis. 3rd Combined Meeting, Orthopaedic Research Societies of U.S.A., Canada, Europe and Japan, Hamamatsu, Sept, 1998

7.
Nakai, T., Masuhara, K., Kanbara, N.
Assessment of bone loss in patients on haemodialysis using dual-energy X-ray absorptiometry. 2nd Joint Meeting, American Society for Bone and Mineral Research and International Bone and Mineral Society, San Francisco, Dec, 1998

8.
Nakai T., Masuhara K, Kanbara N.: Assessment of bone mineral density in dialyzed patients using dual-energy X-ray absorptiometry. 1st International Workshop on Musculoskeletal Interactions, Santorini, May, 1999

9.
Nakai T., Masuhara K, Kanbara N.: Measurement of bone loss at radius in haemodialysis patients using dual-energy X-ray absorptiometry. World Congress SIROT, Sydney, Apr, 1999

10.
Nakai T., Masuhara K, Inoue T., Kanbara N.: Hip arthroplasty in haemodialysis patients. World Congress SICOT, Sydney, Apr, 1999

Nakai T., Masuhara K., Sugano N., Ohzono K., Ochi T.: Assessment of qol after rotational osteotomy and hip arthroplasty for patients with osteonecrosis. ARCO 8 th International Symposium on Bone Circulation, Sydney, Apr, 1999

12.

Nakai T., Masuhara K., Kanbara N.: Measurement of bone loss in hemodialyzed patients using dual-energy X-ray absorptiometry. Bone Morphometry at the New Millennium, Scottsdale, Oct, 1999

13.

Nakai T., Masuhara K., Nakase T., Sugano N., Ohzono K., Ochi T.: Use of bone scan to predict postoperative collapse after transtrochanteric rotational osteotomy for osteonecrosis of the femoral head. 46 th Annual Meeting, Orthopaedic Research Society, Orlando, Mar, 2000

14.

Nakai T., Masuhara K., Kanbara N.: Time course changes of bone mineral density in hemodialysis patients using dual-energy X-ray absorptiometry. World Congress on Osteoporosis 2000, Chicago, June, 2000

15.

Nakai T., Masuhara K., Kanbara N.: Bone mineral density in hemodialysis patients. 47 th Annual Meeting, Orthopaedic Research Society, San Francisco, Feb, 2001

16.

Nakai T., Masuhara K., Kanbara N.: Radiographic evaluation of hip arthropathy in hemodialysis patients. OARSI World Congress on Osteoarthritis, Washington, Sep, 2001

17.

Nakai T., Masuhara K., Kanbara N.: Bone mineral density in hemodialysis patients. 9th Congress of Bone Morphometry, Edinburgh, April, 2002

18.

Nakai T., Masuhara K., Yamasaki S., Yamaguchi K.: Plasma levels of MMP-3 and MMP-9 in rapidly destructive coxarthrosis patients. Matrix Biology Society of Ayustralia & New Zealand, Wisemans Ferry, September, 2002

19.

Nakai T., Masuhara K., Yamasaki S., Fuji T., Kanbara N.: Cementless total hip arthroplasty in hemodialysis patients. 4th Hip section meeting of the

20.
Nakai T., Masuhara K., Yamasaki S., Fuji T., Kanbara N.: Increased incidence of early death after total hip arthroplasty in hemodialysis patients with low serum parathyroid hormone. 6th Congress of the European Federation of National Associations of Orthopaedics and Traumatology, Helsinki, June, 2003
21.
Nakai T., Masuhara K., Kanbara N.: Hip arthropathy in long-term (20 or more years) hemodialysis patients. International Conference on Progress in Bone and Mineral Research, Vienna, November, 2003
22.
Nakai T., Masuhara K., Yamasaki S., Fuji T., Kanbara N.: Low serum parathyroid hormone is a predictor of early death after hip arthroplasty in hemodialysis patients. 24th Annual Dialysis Conference, San Antonio, February, 2004
23.
Nakai T., Masuhara K., Kanbara N.: Hip arthropathy in long-term hemodialysis patients. 50th Annual Meeting of the Orthopaedic Research Society, San Francisco, March, 2004
24.
Nakai T., Masuhara K., Kanbara N.: Bone mineral density in long term hemodialysis patients. IOF(International Osteoporosis Foundation) World Congress on Osteoporosis, Rio de Janeiro, May, 2004
25.
Nakai T., Masuhara K.: Severe bone loss in long-term hemodialysis patients. SICOT, Havana, September, 2004 Havana AIC 2004
26.
Nakai T., Temporin K., Murao R., Kakiuchi M.: Intraosseous pressure correlates postoperative blood loss in total hip arthroplasty. 14th Annual Meeting EORS, Amsterdam, November, 2004
27.
Nakai T., Masuhara K., Kanbara N.: Bone mineral density in hemodialysis patients. 2nd Joint Meeting International Bone and Mineral Society, Geneva, June, 2005
- 28.

patients. Kanbara N.: Hip joint amyloidosis in hemodialysis patients. SICOT/SIROT 2005 13th World Congress, Turkey, September, 2005

29.

Nakai T., Masuhara K., Kanbara N.: Bone mineral density decrease is associated with N-telopeptide of type 1 collagen in serum of hemodialysis patients. 26th Annual Conference on Dialysis, San Francisco, February, 2006

30.

Nakai T., Masuhara K., Kanbara N.: Bone mineral density decrease correlates with N-telopeptide of type 1 collagen in serum of hemodialysis patients. IOF World Congress on Osteoporosis, Tronto, June, 2006

31

Nakai T., Masuhara K., Kanbara N.: Bone loss is associated with N-telopeptide of type 1 collagen in serum of hemodialysis patients. Fourth SICOT/SIROT Annual International Conference, Buenos Aires, August, 2006

32.

Nakai T., Kanbara N.: Open surgical treatment for carpal tunnel syndrome in long-term hemodialysis patients. 27th Annual Conference on Dialysis, Colorado, February, 2007

33

Fujimoto K., Nakai T., Kakiuchi M.: The Use of Tranexamic Acids to Reduce Blood Loss and the Need for Blood Transfusion Requirements in Minimally Invasive Total Knee Arthroplasty. IMUKA 2009, Maastricht, February, 2009

34

Nakai T., Fujimoto K., Kakiuchi M.: Tranexamic acid reduces blood loss in minimally invasive total knee arthroplasty. BOA Annual Congress 2009, Manchester, September, 2009