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Curriculum Vitae

Prof. Jacob Bickels

1. Personal Details:

Full Name: Jacob Bickels

Identity No: 059033274

Date and place of birth: 30 September 1964, Israel

Marital status: Married + 4

Phone numbers: +972-52-4266341

E-mail: jbickels@gmail.com

2. Academic Degrees:

April 1, 2003 - Clinical Senior Lecturer, Sackler Faculty of Medicine, Tel-Aviv University

December 1, 2006 – Clinical Associate Professor, Sackler Faculty of Medicine, Tel-Aviv University

March 1, 2020 - Clinical Associate Professor, Rappaport Faculty of Medicine, Technion

Academic appointments:

2005-2008 Chairman, Board of Orthopaedic Surgeons, Scientific Council, Israel Medical Association

3. Professional Experience:

1986-1992 Hebrew University school of medicine, Jerusalem, Israel

1995-2001 Residency in orthopedic surgery, Tel-Aviv Sourasky medical center

1997-1999 Clinical fellowship in orthopedic oncology, Washington Cancer Institute, Washington DC, USA

2001-2017 Attending surgeon, national unit of orthopedic surgery, Tel-Aviv Sourasky medical center

2013-2017 Head, service for the management of metastatic bone disease, Tel-Aviv Sourasky medical center

2017 – Head, unit of orthopedic oncology, Hillel-Yaffe medical center, Hadera, Israel

4. Research Interests:

Limb-sparing surgery

Cryoablation of bone tumors

Long-term outcomes of endoprosthetic reconstructions

Surgical management of metastatic bone disease

Photodynamic therapy

Additive manufacturing and 3D printing of orthopedic implants

Biological implants

5. Faculty Experience:

2013 - 2015 Head, Department of Orthopedic Surgery, Sackler Faculty of Medicine, Tel-Aviv University

2019 - Head, Department of Orthopedic Surgery, Rappaport Faculty of Medicine, Technion

6. Membership in Professional Societies:

2001 The Israeli Orthopedic Society

2001 International Society of Limb Salvage (ISOLS)

2002 The Israeli Society for Clinical Oncology and Radiation Therapy (ISCORT)

2002 European Musculoskeletal Oncology Society (EMSOS)

2007 Israeli Society of Palliative Medicine

2007 American Musculoskeletal Tumor Society (AMSTS)

7. Awards and Honors:

1990 - Hadassah Medical School Dean's Scholarship for scholastic excellence

1991 - Beker foundation scholarship, awarded for scholastic excellence

1991 - The Israel Cancer Association Grant

1997 - The American Physician Fellowship Grant

1999 - Excellence in Research Award, Washington Hospital Center, Medlantic Research Institute,
Washington, DC

8. Publications:

Clinical research

1. Meller I, **Bickels J**, Ovadia D, Kollender Y, Oren R, Mozes M. Excision of malignant bone and soft tissue tumors of the shoulder girdle. A retrospective analysis of 30 cases. *Acta Scand Orthop* 68(4):374-380, 1997.
2. Ovadia D., Luger E., **Bickels J**, Menachem A., Dekel S. The efficacy of closed wound drainage after total joint arthroplasty. A prospective randomized study. *J Arthroplasty* 12(3):317-321, 1997.
3. Merimsky O, Kollender Y, **Bickels J**, Inbar M, Nirkin A, Isakov J, Chaitchik S, Meller I. Amputation of the lower limb as palliative treatment for debilitating musculoskeletal cancer. *Oncology Reports* 4:1059-1062, 1997.
4. **Bickels J**, Kollender Y, Nirkin A, Isakov J, Mozes M, Merimsky O, Cohen I, Ben-Harush M, Noyman Y, Meller I. Primary bone sarcomas: A review article and the experience of the unit of Orthopedic Oncology in the treatment of 180 consecutive cases in the years 1988-1995 (Part two). *Harefuha* - 134(5):378-381, 1998.
5. Malawer MM, **Bickels J**, Meller I, Buch R, Henshaw RM, Kollender Y. Cryosurgery in the treatment of giant cell tumor. A long term followup study. *Clin Orthop Relat Res* 359:176-188, 1999.
6. **Bickels J**, Manusama ER, Gutman M, Eggermont AMM, Kollender Y, Abu-Abid S, Van Geel AN, Lev-Shlush D, Klausner JM, Meller I. Isolated limb perfusion with tumor necrosis factor and melphalan for unresectable bone sarcomas of the lower extremity. *Eur J Surg Oncol* 25:509-514, 1999.
7. Mozes G, **Bickels J**, Ovadia D, Dekel S. Three dimensional computerized tomography reconstruction in evaluation of the snapping scapula syndrome. *Orthopedics* 22:1029-1033, 1999.
8. **Bickels J**, Kahanovitz N, Rubert CK, Henshaw RM, Moss DP, Meller I, Malawer MM. Extraplural bone and soft-tissue tumors as a cause of sciatica. Clinical diagnosis and recommendations: Analysis of 32 cases. *Spine* 24:1611-1616, 1999.
9. **Bickels J**, Meller I, Henshaw RM, Malawer MM. Reconstruction of hip joint stability after proximal and total femur resections. *Clin Orthop Relat Res* 375:218-230, 2000
10. Kollender Y, Shabat S, **Bickels J**, Flusser G, Isakov J, Neuman Y, Cohen I, Weyl-Ben-Arush M, Ramo N, Meller I. Internal hemipelvectomy for bone sarcomas in children and young adults: Surgical considerations. *Eur J Surg Oncol* 26:398-404, 2000.
11. Kollender Y, **Bickels J**, Price WM, Kellar KL, Chen J, Merimsky O, Meller I, Malawer MM. Metastatic renal cell carcinoma of bone. Indications and techniques of surgical intervention. *J Urol* 164:1505-1508, 2000, and 2001 Year Book of Orthopedics. St Louis, CV Mosby
12. Merimsky O, Kollender Y, Inbar M, Lev-Chelouche D, Gutman M, Issakov J, Mazeh D, Shabat S, **Bickels J**, Meller I. Is forequarter amputation justified for palliation of intractable cancer symptoms? *Oncology* 60(1):55-59, 2001.
13. Wittig JC, **Bickels J**, Kellar-Graney KL, Meller I, Malawer MM. Limb-sparing surgery for high-grade sarcomas of the proximal humerus. *Techniques in Shoulder & Elbow Surgery* 2(1):54-69, 2001.
14. Merimsky O, Kollender Y, Isaakov J, **Bickels J**, Flusser G, Gutman M, Lev-Chelouche D, Inbar M, Meller I. Multiple primary malignancies in association with soft tissue sarcomas. *Cancer* 91:1363- 1371, 2001.

15. Wittig JC, **Bickels J**, Kollender Y, Kellar-Graney K, Meller I, Malawer MM. Palliative forequarter amputation for metastatic carcinomas to the shoulder girdle region. Indications, preoperative evaluation, surgical techniques, and results. *Surg Oncol* 77:105-113, 2001.
16. Wittig JC, Simpson B, **Bickels J**, Kellar-Graney K, Malawer MM. Giant cell tumor of the hand: superior results with curettage, cryosurgery, and cementation. *J Hand Surg* 26(A):546-555, 2001.
17. **Bickels J**, Wittig JC, Kollender Y, Neff RS, Kellar-Graney K, Meller I, Malawer MM. Reconstruction of the extensor mechanism after proximal tibia endoprosthesis replacement. *J Arthroplasty* 16(7):856-862, 2001.
18. Wittig JC, **Bickels J**, Kellar-Graney K, Kim FH, Malawer MM. Osteosarcoma of the proximal humerus: long-term results with limb-sparing surgery. *Clin Orthop Relat Res* 397:156-176, 2002.
19. **Bickels J**, Wittig JC, Kollender Y, Kellar-Graney K, Meller I, Malawer MM. Limb-sparing resections of the shoulder girdle. *J Am Coll Surg* 194:422-435, 2002.
20. Wittig JC, **Bickels J**, Priebe D, Jelinek J, Kellar-Graney K, Shmookler B, Malawer MM. Osteosarcoma: a multidisciplinary approach to diagnosis and treatment. *Am Fam Physician* 15:1123-1132, 2002.
21. Wittig J, **Bickels J**, Wodajo F, Kellar-Graney K, Malawer M. Constrained total scapula reconstruction following resection of a high-grade sarcoma. *Clin Orthop Relat Res* 397:143-155, 2002.
22. **Bickels J**, Wittig JC, Kollender Y, Kellar-Graney K, Malawer MM, Meller I. Sciatic nerve resection. Is that truly an indication for amputation? *Clin Orthop Relat Res* 399:201-204, 2002.
23. **Bickels J**, Wittig JC, Kollender Y, Henshaw RM, Kellar-Graney K, Meller I, Malawer M. Distal femur resection with endoprosthesis reconstruction. A long term followup study. *Clin Orthop Relat Res* 400:225-235, 2002.
24. Merimsky O, Isaakov J, **Bickels J**, Kollender Y, Flusser G, Soyfer V, Schwartz I, Inbar M, Meller I. ErbB-4 expression in limb soft-tissue sarcoma: correlation with results of neoadjuvant chemotherapy. *Eur J Cancer* 38:1335-1342, 2002.
25. Wittig JC, **Bickels J**, Wodajo F, Kellar-Graney KL, Meller I, Malawer MM. Utilitarian shoulder approach for malignant tumor resection. *Orthopedics* 25:479-484, 2002.
26. Merimsky O, Isaakov J, Kollender Y, Inbar M, **Bickels J**, Meller I. Sarcoma and thyroid disorders: a common etiology? *Oncol Rep* 9:863-869, 2002.
27. Weinbroum AA, Gorodetzky A, Nirkin A, Kollender Y, **Bickels J**, Marouani N, Rudick V, Meller I. Dextromethorphan for reduction of immediate and late postoperative pain and morphine consumption in orthopedic oncology patients: a randomized, placebo-controlled, doubleblind study. *Cancer* 95(5):1164-1170, 2002.
28. Merimsky O, Isaakov J, Schwartz I, Dadia S, Kollender Y, **Bickels J**, Inbar M, Meller I. Lack of ErbB-2 oncogene product overexpression in soft tissue sarcomas. *Acta Oncol* 41(4):366-368, 2002.
29. **Bickels J**, Wittig JC, Kollender Y, Kellar-Graney K, Mansour KL, Meller I, Malawer MM. Enchondromas of the hand: Treatment with curettage and cemented internal fixation. *J Hand Surg (Am)* 27:870-875, 2002.
30. Segev E, Kollender Y, **Bickels J**, Flusser G, Isaakov J, Wientroub S, Meller I. Cryosurgery in neurofibromatosis: good result of a multimodality protocol in 16 patients. *Acta Orthop Scand* 73(4):483-486, 2002.

31. Merimsky O, Inbar M, Issakov J, Kollender Y, Flusser G, Meller I, **Bickels J**. Gestation-related malignant musculoskeletal tumors. *Isr Med Assoc J* 5(4):264-267,2003.
32. Merimsky O, Issakov J, Schwartz I, Kollender Y, Inbar M, Meller I, **Bickels J**. Lack of c-kit overexpression in soft tissue sarcomas. *Isr Med Assoc J* 5(2):151-152, 2003.
33. Wodajo FM, **Bickels J**, Wittig J, Malawer MM. Complex reconstruction in the management of extremity sarcomas. *Curr Opin Oncol* 15:304-312, 2003.
34. Weinbroum A, Bender B, **Bickels J**, Nirkin A, Marouani N, Chazam S, Meller I, Kollender Y. Preoperative and postoperative dextromethorphan provides sustained reduction in postoperative pain and patient-controlled epidural analgesia requirement. A randomized, placebo-controlled, double blind study in lower-body bone malignancy-operated patients. *Cancer* 97(9):2334-2340, 2003.
35. Kollender Y, Meller I, **Bickels J**, Flusser G, Isaakov J, Merimsky O, Marouani N, Nirkin A, Weinbroum A. Role of adjuvant cryosurgery in intralesional treatment of sacral tumors. Results of a 3-11 year follow-up. *Cancer* 97(11):2830-2838, 2003.
36. Merimsky O, Kollender Y, Isaakov J, Inbar M, Flusser G, Benayahu D, Meller I, **Bickels J**. Induction chemotherapy for bone sarcoma in adults: correlation of results with erb-B4 expression. *Oncol Rep* 10(5):1593-1599, 2003.
37. Kollender Y, Bender B, Weinbroum AA, Nirkin A, Meller I, **Bickels J**. Secondary reconstruction of the extensor mechanism using part of the quadriceps tendon, patellar retinaculum, and Gore-Tex strips after proximal tibia resection. *J Arthroplasty* 19(3):354-360, 2004.
38. Merimsky O, Kollender Y, Bokstein F, Isaakov J, Flusser G, Inbar MJ, Meller I, **Bickels J**. Radiotherapy for spinal cord compression in patients with soft-tissue sarcoma. *Int J Radiat Oncol Biol Phys* 58(5):1468-1473, 2004.
39. Merimsky O, Kollender Y, Inbar M, Meller I, **Bickels J**. Palliative treatment for advanced or metastatic osteosarcoma. *Isr Med Assoc J* 6:34-38, 2004.
40. **Bickels J**, Kollender Y, Merimsky O, Isaakov J, Petyan-Brand R, Meller I. Closed argon-based cryoablation of bone tumours. *J Bone Joint Surg* 86(B):714-718, 2004.
41. Zaretski A, Amir A, Meller I, Leshem D, Kollender Y, Barnea Y, **Bickels J**, Shpitzer T, Ad-El D, Gur E. Free bula long bone reconstruction in orthopedic oncology: A surgical algorithm for reconstructive options. *Plast Reconstr Surg* 113:1989-2000, 2004.
42. **Bickels J**, Kollender Y, Wittig JC, Meller I, Malawer MM. Function after resection of humeral metastases. Analysis of 59 consecutive patients. *Clin Orthop Relat Res* 437:201-208,2005.
43. Issakov J, Kollender Y, Soyfer V, **Bickels J**, Flusser G, Meller I, Merimsky O. A single-team experience of limb sparing approach in adults with high-grade malignant brous istiocytoma. *Oncol Rep* 14:1701-1706, 2005.
44. Merimsky O, Soyfer V, Kovner F, **Bickels J**, Isaakov J, Flusser G, Meller I, Ofer O, Kollender Y. Limb sparing approach: adjuvant radiation therapy in adults with intermediate or high-grade limb soft tissue sarcoma. *Radiother Oncol* 77:295-300, 2005.
45. **Bickels J**, Kollender Y, Wittig JC, Cohen N, Meller I, Malawer MM. Vacuum-assisted wound closure following resection of musculoskeletal tumors. *Clin Orthop Relat Res* 441:346-350,2005.
46. Giladi M, Mamn E, Paran D, **Bickels J**, Comanesther D, Avidor B, Varon-Graidy M, Ephros M, Wientroub S. Cat-scratch disease-associated arthropathy. *Arthritis Rheum* 52:3611-3617, 2005.

47. Wu CC, Shehadeh AM, Pritsch T, Winberg TJ, **Bickels J**, Malawer MM. Radical resection and segmental Gore-Tex graft reconstruction for malignant tumors of the soleus muscle. *Orthopedics* 30:20-24, 2007.
48. Pritsch T, **Bickels J**, Wu CC, Squires MH, Malawer MM. Is scapular endoprosthesis functionally superior to humeral suspension? *Clin Orthop Relat Res* 2006 Sep 21 [Epub ahead of print]
49. Pritsch T, **Bickels J**, Weinberg T, Malawer MM. Popliteal sarcomas: presentation, prognosis, and limb-salvage. *Clin Orthop Relat Res* 455:225-233, 2007.
50. Issakov J, Soyfer V, Kollender Y, **Bickels J**, Meller I, Merimsky O. Limb liposarcoma in adults approached by limb sparing surgery and adjuvant radiation therapy: A single team experience. *J Bone Joint Surg Br.* 88:1647-1651, 2006.
51. Ovadia D, Ezra E, Ben-Sira L, Kessler A, **Bickels J**, Keret D, Yaniv M, Wientroub S, Lokiec F. Primary pyomyositis in children: a retrospective analysis of eleven patients. *J Pediatr Orthop B* 16:153-159, 2007.
52. **Bickels J**, Kollender Y, Pritsch T, Meller I, Malawer MM. Knee stability after resection of the proximal tibia. *Clin Orthop Relat Res* 454:198-2001, 2007.
53. Wu CC, Pritsch T, **Bickels J**, Weinberg T, Malawer MM. Two incision synovectomy and radiation treatment for diffuse pigmented villonodular synovitis of the knee with extraarticular component. *Knee* 14:99-106, 2006.
54. Pritsch T, **Bickels J**, Wu CC, Squires HM, Malawer MM. The risk for fractures after curettage and cryosurgery around the knee. *Clin Orthop Relat Res* 458:159-167, 2007.
55. Maman E, Malawer MM, Kollender Y, Meller I, **Bickels J**. Large tumors of the axilla: limb-sparing resection vs. amputation in 27 patients. *Clin Orthop Relat Res* 2007;461:189-196.
56. Pritsch T, Malawer MM, Wu CC, Squires MH, **Bickels J**. Functional reconstruction of the extensor mechanism after massive tumor resection from the anterior compartment of the thigh. *Plast Reconstr Surg* 2007;120(4):960-969.
57. Gofman A, Isaakov J, Kollender Y, Soyfer V, Dadia S, Jiveliouk I, Flusser G, **Bickels J**, Meller I, Merimsky O. Synovial sarcoma of the extremities and trunk: a long-lasting disease. *Oncol Rep* 2007;18(6):1577-1581.
58. Meller I, Weinbroum A, **Bickels J**, Dadia S, Nirkin A, Merimsky O, Isaakov J, Flusser G, Marouani M, Cohen N, Kollender Y. 15 Years of bone tumor cryosurgery: A single center experience in 440 procedures and long-term follow-up. *Eur J Surg Oncol* 2007 Dec 22 [Epub ahead of print]
59. Maman E, **Bickels J**, Ephros S, Paran D, Comanesther D, Metzkor-Kotter E, Avidor B, Varon-Graidy M, Wientroub S, Giladi M. Musculoskeletal manifestations of cat scratch disease. *Clin Infect Dis* 2007;45(12):1535-1540.
60. Molho RB, Kollender Y, Isaakov J, **Bickels J**, Flusser G, Azem F, Alon A, Inbar MJ, Meller I, Merimsky O. The complexity of management of pregnancy-associated malignant soft-tissue and bone tumors. *Gynecol Obstet Invest* 2008;65(2):89-95.
61. Wu CC, Pritsch T, Shehadeh A, **Bickels J**, Malawer MM. The anterior popliteal approach for popliteal exploration, distal femoral resection, and endoprosthetic reconstruction. *J Arthroplasty* 2008;23(2):254-262.

62. **Bickels J**, Isaakov J, Meller I, Kollender Y. Unacceptable complications following intra-articular injection of Yttrium 90 to the ankle joint for diffuse pigmented villonodular synovitis. *J Bone Joint Surg (Am)* 2008;90(2):326-328.
63. Kollender Y, **Bickels J**, Stocki D, Maruoani N, Chazan S, Nirkin A, Meller I, Weinbroum AA. Subanaesthetic ketamine spares postoperative morphine and controls pain better than standard morphine does alone in orthopaedic-oncological patients. *Eur J Cancer* April 4 2008 (Epub ahead of print).
64. Sternheim A, **Bickels J**, Ben-Tov T, Malawer MM. Space sarcomas: Extrecompartmental soft-tissue tumors of the lower extremities. A systematic approach to sarcomas of the femoral triangle, sartorial canal, and popliteal space. *J Surg Oncol.* 2009;99(5):281-91.
65. **Bickels J**, Weinstein T, Robinson D, Nevo Z. Common skeletal growth retardation disorders resulting from abnormalities within the mesenchymal stem cells reservoirs in the epiphyseal organs pertaining to the long bones. *J Pediatr Endocrinol Metab* 2010;23(11):1107-22.
66. Rakhman E, Shmain D, White I, Ekstein MP, Kollender Y, Chazan S, Dadia S, **Bickels J**, Amar E, Weinbroum AA. Repeated and escalating preoperative subanesthetic doses of ketamine for postoperative pain control in patients undergoing tumor resection: a randomized, placebo-controlled, double-blind trial. *Clin Ther* 2011;33(7):863-73.
67. Dotan A, Dadia S, **Bickels J**, Nirkin A, Flusser G, Isaakov J, Neumann Y, Cohen I, Ben-Arush M, Kollender Y, Meller I. Expandable endoprosthesis for limb-sparing surgery in children: long-term results. *J Child Orthop* 2010;4(5):391-400.
68. Bernstein-Molho R, Kollender Y, Isaakov J, **Bickels J**, dadia S, Flusser G, Meller I, Sagi-Eisenberg R, Merimsky O. Clinical activity of mTOR inhibition in combination with cyclophosphamide in the treatment of recurrent unresectable chondrosarcomas. *Cancer Chemother Pharmacol* 2012;70(6):855-60.
69. Soyfer V, Corn BW, Kollender Y, Issakov J, Dadia S, Flusser G, **Bickels J**, Meller I, Merimsky O. Hypofractionated adjuvant radiation therapy for soft-tissue sarcoma achieves excellent results in elderly patients. *Br J Radiol* 2013 Aug 86(1028): 20130258.
70. Yanko-Arzi R, Gur E, Margulis A, **Bickels J**, Dadia S, Gortzak Y, Zaretski A. The role of free tissue transfer in posterior neck reconstruction. *J Reconstr Microsurg* 2014;30(5):305-12.
71. Scaglioni MF, Chang EI, Gur E, Barnea Y, Meller I, Kollender Y, **Bickels J**, Dadia S, Zaretski A. The role of the bula head ap for joint reconstruction after osteoarticular resections. *J Plast Reconstr Aesthet Surg* 2014;67(5):617-23.
72. Kushnir I, Kollender Y, **Bickels J**, Gortzak Y, Flusser G, Isaakov J, Merimsky O. Is it important to maintain high-dose intensity chemotherapy in the treatment of adults with osteosarcoma? *Med Oncol* 2014;31(5):936.
73. Scaglioni MF, Arzi NY, Gur E, Amotz OB, Barnea Y, Kollender Y, Meller I, **Bickels J**, Dadia S, Zaretski A. Free bula reconstruction of distal tibial defects after sarcoma surgery. *Ann Plast Surg* 2015;74(6):680-3.
74. Scaglioni MF, Chen YC, Yanko-Arzi R, **Bickels J**, Zaretski A. Upper extremity sarcoma reconstruction with a pedicle thoracodorsal artery perforator ap. *J Reconstr Microsurg J Reconstr Microsurg* 2015;31(8):617-20.
75. Drexler M, Amar E, Gortzak Y, Kollender Y, **Bickels J**. Radiological evaluation of the hip joint following endoprosthetic replacement of the proximal femur. *Bone Joint J.* 2015;97-B:1704-9.

76. Soyfer V, Corn BW, **Bickels J**, Merimsky O. Primary high-grade soft-tissue sarcoma of the buttock: a rare but distinct clinical entity. *Br J Radiol*. 2016 Jun;89(1062):20151017.

Case reports

1. Barnea Y, Amir A, Dadia S, Cohen N, Zaretski A, Leshem D, Miller E, Meilik B, Kollender Y, Meller I, **Bickels J**, Gur E. A free bula ap elbow joint arthroplasty reconstruction for chronic osteomyelitis of the distal humerus. *J Reconstr Microsurg* 22:167-171, 2006.
2. Hod N, Ashkenazi I, Cohen I, Somekh M, **Bickels J**. Interesting appearance of osseous hemangioma of the calcaneus on bone scintigraphy: correlative imaging with radiography CT and MRI. *Clin Nucl Med* 31:420-422, 2006.
3. **Bickels J**, Meller I, Nirkin A, Kollender Y. Successful conversion of total femur knee- arthrodesing prosthesis to a functional knee construct - a case report. *Acta Orthop* 2007;78(5):698-700.

Review papers

1. Ovadia D, **Bickels J**, Itzchak J. Imaging techniques of the shoulder. *Harefuha* - 132(6):431-435, 1997.
Bickels J, Kollender Y, Nirkin A, Isakov J, Mozes M, Merimsky O, Cohen I, Ben-Harush M, Noyman Y, Meller I. Primary bone sarcomas: A review article (Part one). *Harefuha* - 134(4):308-312, 1998.
2. **Bickels J**, Meller I, Shmookler BM, Malawer MM. The role and biology of cryosurgery in the treatment of bone tumors. A review. *Acta Orthop Scand* 70(3):308-315, 1999.
3. **Bickels J**, Rubert C, Meller I, Malawer MM. Cryosurgery in the treatment of bone tumors. *Techniques in Orthopaedics* 9(2):79-83, 1999.
4. Henshaw RM, **Bickels J**, Malawer MM. Modular endoprosthetic replacement of the lower extremities. *Seminars in Arthroplasty* 10(3):180-187, 1999.
5. **Bickels J**, Jelinek JS, Shmookler BM, Neff RS, Malawer MM. Biopsy of musculoskeletal tumors. Current concepts. *Clin Orthop Relat Res* 368:212-219, 1999.
6. **Bickels J**, Kollender Y, Meller I. Coley's toxin: Historical perspective. *Isr Med Assoc J* 4:471-472,2002.
7. **Bickels J**, Merimsky O. Bone metastases of renal cell carcinoma: The role of surgery. *Isr Med Assoc J* 4:376-378,2002.
8. **Bickels J**, Ben-Sira L, Kessler A, Wientroub S. Current Concept Review. Primary pyomyositis. *J Bone Joint Surg* 84(A):2277-2286, 2002.

9. **Bickels J**, Dadia S, Lidar Z. Current Concept Review: Surgical management of metastatic bone disease. J Bone Joint Surg (Am) 2009;91(6):1503-16.
10. **Bickels J**, Campanacci DA. Current Concept Review: Local adjuvant substances following curettage of bone tumors. J Bone Joint Surg Am. 2020 Jan 15;102(2):164-74.

Books

Wiesel S (ed), Malawer MM, **Bickels J** (Oncology section editors): Surgical Techniques in Orthopaedic Surgery. Philadelphia, Lippincott, Williams and Wilkins, 2010.

Wiesel S (ed), Malawer MM, Wittig JC, **Bickels J** (Oncology section editors): Surgical Techniques in Orthopaedic Surgery (2nd Edition). Philadelphia, Lippincott, Wolters Kluwer 2131-2140, 2015.

Book Chapters

1. Barry Shmookler, **Jacob Bickels**, James Jelinek, Paul Sugarbaker, Martin Malawer. Bone and Soft-Tissue Sarcomas: Epidemiology, Radiology, Pathology, and Fundamentals of Surgical Treatment. In Malawer MM, Sugarbaker PH (eds.): Musculoskeletal Cancer Surgery. Treatment of Sarcomas and Allied Diseases. Dordrecht, Kluwer Academic Publishers 3-35, 2001.
2. **Jacob Bickels**, James Jelinek, Barry Shmookler, Martin Malawer. Biopsy of Musculoskeletal Tumors. In Malawer MM, Sugarbaker PH (eds.): Musculoskeletal Cancer Surgery. Treatment of Sarcomas and Allied Diseases. Dordrecht, Kluwer Academic Publishers 37-45, 2001.
3. **Jacob Bickels**, Issac Meller, Martin Malawer. The Role and Biology of Cryosurgery in the Treatment of Bone Tumors. In Malawer MM, Sugarbaker PH (eds.): Musculoskeletal Cancer Surgery. Treatment of Sarcomas and Allied Diseases. Dordrecht, Kluwer Academic Publishers 135-145, 2001.
4. **Jacob Bickels**, Martin Malawer. Overview of Pelvic Resections. In Malawer MM, Sugarbaker PH (eds.): Musculoskeletal Cancer Surgery. Treatment of Sarcomas and Allied Diseases. Dordrecht, Kluwer Academic Publishers 203-213, 2001.
5. **Jacob Bickels**, Martin Malawer. Resections in the Popliteal Fossa and the Posterior Compartments of the Leg. In Malawer MM, Sugarbaker PH (eds.): Musculoskeletal Cancer Surgery. Treatment of Sarcomas and Allied Diseases. Dordrecht, Kluwer Academic Publishers 279-286, 2001.
6. Paul Sugarbaker, Alan Baker, **Jacob Bickels**, Martin Malawer. Above-Elbow and Below-Elbow Amputations. In Malawer MM, Sugarbaker PH (eds.): Musculoskeletal Cancer Surgery. Treatment of Sarcomas and Allied Diseases. Dordrecht, Kluwer Academic Publishers 299-304, 2001.
7. Paul Sugarbaker, **Jacob Bickels**, Martin Malawer. Above-Knee Amputation. In Malawer MM, Sugarbaker PH (eds.): Musculoskeletal Cancer Surgery. Treatment of Sarcomas and Allied Diseases. Dordrecht, Kluwer Academic Publishers 349-360, 2001.
8. Paul Sugarbaker, **Jacob Bickels**, Martin Malawer. Below-Knee Amputation. In Malawer MM, Sugarbaker PH (eds.): Musculoskeletal Cancer Surgery. Treatment of Sarcomas and Allied Diseases. Dordrecht, Kluwer Academic Publishers 361-366, 2001.

9. **Jacob Bickels**, Martin Malawer. Pelvic Resections (Internal Hemipelvectomies). In Malawer MM, Sugarbaker PH (eds.): Musculoskeletal Cancer Surgery. Treatment of Sarcomas and Allied Diseases. Dordrecht, Kluwer Academic Publishers 403-412, 2001.
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Refereed papers in conference proceedings

1. Meller I, ***Bickels J***, Ovadia D, Kollender Y, Oren R, Mozes M. Excision of malignant bone and soft tissue tumors of the shoulder girdle: Analysis of 30 consecutive cases and a proposed modification of the surgical classification system. Presented at the 15th Annual Congress of the Israel Orthopedic Association, Tel-Aviv, Israel. December 4-5, 1995.
2. Mozes G, ***Bickels J***. "Clicking scapula syndrome": radiological assessment and results of operative treatment. Presented at the 15th Annual Congress of the Israel Orthopedic Association, Tel-Aviv, Israel. December 4-5, 1995.
3. Ovadia D, Luger E, ***Bickels J***, Menachem A, Dekel S. The efficacy of closed wound drainage after total joint arthroplasty. A prospective randomized study. Presented at the 15th Annual Congress of the Israel Orthopedic Association, Tel-Aviv, Israel. December 4-5, 1995.
4. Ovadia D, Ohana N, ***Bickels J***, Mozes G. A comparative randomized study between a modified antero-inferior capsular shift and Boytchev repair for recurrent anterior dislocations of the shoulder. Presented at the 15th Annual Congress of the Israel Orthopedic Association, Tel-Aviv, Israel. December 4-5, 1995.
5. ***Bickels J***, Gutman M, Kollender Y, Abu-Abid S, Mozes M, Lev-Shlush D, Klausner JM, Meller I. Hyperthermic isolated limb perfusion (ILP) with tumor necrosis factor (TNF) and melphalan for unresectable bone sarcomas of the lower extremity: our experience with five cases. Presented at the 9th Meeting of the European Musculoskeletal Oncology Society (EMSOS), Istanbul, Turkey. October 24-25, 1996.
6. Kollender Y, ***Bickels J***, Oren R, Merimsky O, Meller I. Reconstruction of the extensor knee mechanism after proximal tibial resection and prosthetic replacement by using a part of the quadriceps muscle tendon. Presented at the 9th Meeting of the European Musculoskeletal Oncology Society (EMSOS), Istanbul, Turkey. October 24-25, 1996.
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11. Malawer MM, ***Bickels J***, Meller I, Buch R, Henshaw R, Shmookler B, Kollender Y. Cryosurgery in the treatment of giant cell tumor of bone. A multi-institutional study of 102 cases with a follow-up period of 4-15 years. Presented at the 9th International Symposium of the International Society of Limb Salvage (ISOLS), New York, New York. September 10-12, 1997.
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13. Rubert CK, Jelinek J, Shmookler BM, Henshaw RM, ***Bickels J***, Malawer MM. "Telangiectatic" (high-grade hemorrhagic) soft-tissue sarcoma – An analogue to telangiectatic bone sarcomas: diagnosis, treatment, and outcome. Presented at Connective Tissue Oncology Society (CTOS), Milan, Italy, November 6-8, 1997.
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19. ***Bickels J***, Malawer MM, Meller I, Henshaw RM, Rubert KM, Kollender Y. Proximal and total femur resections with endoprosthetic reconstruction. Surgical technique and prosthetic survivorship: analysis of 64 patients. Presented at the Combined Meeting of the American and European Musculoskeletal Tumor Societies, May 6-10, 1998, Washington, DC, USA.

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21. **Bickels J**, Kahanovitz N, Rubert CK, Henshaw RM, Atwater JG, Moss DP, Malawer MM. Extraplural bone and soft tissue tumors as a cause of sciatica. Clinical diagnosis and recommendations: analysis of 30 cases. Presented at the Combined Meeting of the American and European Musculoskeletal Tumor Societies, May 6-10, 1998, Washington, DC, USA.
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24. Kollender Y, Rochkind S., Alon M, **Bickels J**, Nirkin A, Isakov J, Merimsky O, Meller I. The treatment of benign peripheral nerve tumors using microsurgical techniques and intraoperative electrophysiological monitoring. Presented at the Combined Meeting of the American and European Musculoskeletal Tumor Societies, May 6-10, 1998, Washington, DC, USA.
25. Alleyne K, **Bickels J**, Henshaw R, Cynthia K, Malawer MM. The role and biology of cryosurgery in the treatment of bone tumors. Presented at the Annual Meeting of the National Medical Association, August 5, 1998, New Orleans, IL, USA.
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27. **Bickels J**. Symposium on Bone Tumors of the Foot. Washington Hospital Center, Washington, DC, USA. October 21, 1998.
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124. **Bickels J**, Merimsky O, Isaakov J, Flusser G, Nirkin A, Malawer M, Meller I, Kollender Y. Surgical management of humeral metastases: principles of surgical intervention, functional, and oncological outcomes. Presented at the 3rd Annual Meeting of the Israeli Society for Clinical Oncology and Radiation Therapy (ISCORT). Dead Sea, Israel. January 14-17, 2004.
125. **Bickels J**, Merimsky O, Isaakov J, Flusser G, Nirkin A, Meller I, Kollender Y. Cryosurgical ablation of bone tumors with argon probes. Presented at the 3rd Annual Meeting of the Israeli Society for Clinical Oncology and Radiation Therapy (ISCORT). Dead Sea, Israel. January 14-17, 2004.
126. **Bickels J**, Merimsky O, Isaakov J, Flusser G, Meller I, Kollender Y. Resection-curettage and cryosurgery for low-grade chondrosarcomas. Presented at the 3rd Annual Meeting of the Israeli Society for Clinical Oncology and Radiation Therapy (ISCORT). Dead Sea, Israel. January 14-17, 2004.
127. Merimsky O, Kollender Y, Bokstein F, Isaakov J, Flusser G, Inbar M, Meller I, **Bickels J**. Radiation therapy for spinal cord compression in patients with soft-tissue sarcoma. Presented at the 3rd Annual Meeting of the Israeli Society for Clinical Oncology and radiation Therapy (ISCORT). Dead Sea, Israel. January 14-17, 2004.
128. Merimsky O, Isaakov J, **Bickels J**, Kollender Y, Meller I, Inbar M. ERBB-4 expression in limb soft-tissue sarcomas. Presented at the 3rd Annual Meeting of the Israeli Society for Clinical Oncology and Radiation Therapy (ISCORT). Dead Sea, Israel. January 14-17, 2004.
129. Merimsky O, Kollender Y, Inbar M, Meller I, **Bickels J**. Palliative treatment for advanced or metastatic osteosarcoma. Presented at the 3rd Annual Meeting of the Israeli Society for Clinical Oncology and Radiation Therapy (ISCORT). Dead Sea, Israel. January 14-17, 2004.

130. Merimsky O, Kollender Y, Isaakov J, ***Bickels J***, Flusser G, Meller I, Inbar M. Multiple primary malignancies in association with soft-tissue sarcoma. Presented at the 3rd Annual Meeting of the Israeli Society for Clinical Oncology and Radiation Therapy (ISCORT). Dead Sea, Israel. January 14-17, 2004.
131. Merimsky O, Kollender Y, Isaakov J, Benayahu D, Meller I, Inbar M, ***Bickels J***. Induction chemotherapy for bone sarcoma in adults: correlation of results with ERBB-4 expression. Presented at the 3rd Annual Meeting of the Israeli Society for Clinical Oncology and Radiation Therapy (ISCORT). Dead Sea, Israel. January 14-17, 2004.
132. Kollender Y, Nadav-Camus D, Isaakov J, ***Bickels J***, Flusser G, Dadia S, Nirkin A, Lev S, Meller I, Merimsky O. Multiple primary malignancies in patients with soft-tissue sarcoma. Presented at the 17th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Oslo, Norway, June 9-11, 2004.
133. ***Bickels J***, Merimsky O, Isaakov J, Nirkin A, Flusser G, Meller I, Kollender Y. Vacuum-assisted wound closure following resection of large musculoskeletal tumors. Presented at the 17th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Oslo, Norway, June 9-11, 2004.
134. ***Bickels J***, Merimsky O, Isaakov J, Nirkin A, Flusser G, Meller I, Kollender Y. Argon-based closed cryoablation of bone tumors. Presented at the 17th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Oslo, Norway, June 9-11, 2004.
135. Bender B, Kollender Y, Nirkin A, Shabat S, Merimsky O, Isaakov J, Flusser G, Meller I, ***Bickels J***. Intra-articular Yttrium⁹⁰ injection as an adjuvant following resection of diffused pigmented villonodular synovitis. Presented at the 17th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Oslo, Norway, June 9-11, 2004.
136. Dadia S, Kollender Y, ***Bickels J***, Meller I. Hemiarthroplasty of the elbow with a vascularized fibular graft after distal humerus resection due to chronic osteomyelitis Presented at the 17th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Oslo, Norway, June 9-11, 2004.
137. ***Bickels J***, Merimsky O, Isaakov J, Nirkin A, Flusser G, Meller I, Kollender Y. Salvage resection-arthrodesis of the knee joint following megaprosthesis failure using microvascularized fibula. Presented at the 17th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Oslo, Norway, June 9-11, 2004.
138. ***Bickels J***, Zaretski A, Amir A, Barnea Y, Isaakov J, Weiss J, Meller I, Gur E, Kollender Y. Reconstruction of long bone defects remaining after sarcoma resection with free fibular flaps. Presented at the 17th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Oslo, Norway, June 9-11, 2004.
139. Weinbroum AA, Bender B, Chazan S, ***Bickels J***, Nirkin A, Marouani N, Meller I, Kollender Y. Efficacy of pre- and postoperative Rofecoxib for postoperative pain control and morphine consumption in patients undergoing surgery for malignant bone tumor. Presented at the 17th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Oslo, Norway, June 9-11, 2004.
140. Weinbroum AA, Bender B, ***Bickels J***, Nirkin A, Meller I, Kollender Y. Efficacy of postoperative epidural versus intravenous patient-controlled analgesia for patients undergoing limb sparing surgery for malignant bone tumors. Presented at the 17th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Oslo, Norway, June 9-11, 2004.

141. Lev S, ***Bickels J***, Elad P, Yagil Y, Meller I, Kollender Y. The psychological adjustment of young adult survivors of bone and soft tissue malignancy. Presented at the 17th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Oslo, Norway, June 9-11, 2004.
142. ***Bickels J***, Meller I, Wittig JC, Malawer MM, Kollender Y. Function following resection of humeral metastases. Presented at the 24th Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. November 30-December 1, 2004.
143. Kollender Y, Merimsky O, Isaakov J, Nirkin A, Flusser G, Meller I, ***Bickels J***. Salvage resection-arthrodesis of the knee joint following megaprosthesis failure using microvascularized fibula. Presented at the 24th Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. November 30-December 1, 2004.
144. ***Bickels J***, Merimsky O, Isaakov J, Nirkin A, Flusser G, Meller I, Kollender Y. Argon-based closed cryoablation of bone tumors. Presented at the 24th Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. November 30-December 1, 2004.
145. Kollender Y, Bender B, Nirkin A, Shabat S, Merimsky O, Isaakov J, Flusser G, Meller I, ***Bickels J***. Intra-articular Yttrium 90 injection as an adjuvant following resection of diffused pigmented villonodular synovitis. Presented at the 24th Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. November 30-December 1, 2004.
146. Kollender Y, Meller I, Wittig JC, Malawer MM, ***Bickels J***. Multiple myeloma causing extensive bone destruction. Indications and technique of surgical intervention. Presented at the 24th Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. November 30-December 1, 2004.
147. Maman E, ***Bickels J***, Wittig JC, Malawer MM, Kollender Y, Meller I. Extensile exposure of the axilla. Presented at the 24th Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. November 30-December 1, 2004.
148. ***Bickels J***, Kollender Y, Shabat S, Meller I. Intra-articular Yttrium 90 injection as an adjuvant following resection of PVNS. Presented at the 72nd Annual Meeting of the American Academy of Orthopedic Surgeons, Washington, DC. February 23-27, 2005.
149. ***Bickels J***, Wodajo FM, Kollender Y, Wittig JC, Meller I, Malawer MM. Vacuum-assisted wound closure following resection of large musculoskeletal tumors. Presented at the 72nd Annual Meeting of the American Academy of Orthopedic Surgeons, Washington, DC. February 23-27, 2005.
150. ***Bickels J***, Oren R, Lev S, Kollender Y, Meller I. The role of lymphedema treatment in rehabilitation after limb-sparing surgery. Presented at the 72nd Annual Meeting of the American Academy of Orthopedic Surgeons, Washington, DC. February 23-27, 2005.
151. ***Bickels J***, Merimsky O, Isaakov J, Nirkin A, Flusser G, Meller I, Kollender Y. Argon-based closed cryoablation of bone tumours. Presented at the 13th Meeting of the International Society of Cryosurgery, Crete, Greece, May 12-14, 2005.
152. ***Bickels J***, Kollender Y, Meller I. 15 years of bone tumor cryosurgery – a cumulative experience with 440 procedures in 405 patients with a follow-up period of 2-15 years. A comprehensive summary, review of the literature, and considerations for the future. Presented at the 13th Meeting of the International Society of Cryosurgery, Crete, Greece, May 12-14, 2005.
153. Meller I, ***Bickels J***, Kollender Y. 15 years of bone tumor cryosurgery. Presented at the 18th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Trieste, Italy, May 25-27, 2005.

154. Isaakov J, Kollender Y, Nirkin A, ***Bickels J***, Flusser G, Meller I, Merimsky O. A single-team experience of limb sparing approach to adults with high-grade malignant fibrous histiocytoma. Presented at the 18th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Trieste, Italy, May 25-27, 2005.
155. Shmuely Z, Kollender Y, Meller I, ***Bickels J***, Merimsky O. There is still life after the flood! Presented at the 18th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Trieste, Italy, May 25-27, 2005.
156. Lev S, Mor K, Meller I, Merimsky O, ***Bickels J***, Kollender Y. The benefits of a support group with parents of patients with bone and soft tissue malignancy. Presented at the 18th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Trieste, Italy, May 25-27, 2005.
157. Meller I, Kollender Y, Wittig JC, Merimsky O, Flusser G, Isaakov J, Kellar-Graney K, Malawer MM, ***Bickels J***. Surgical management of humeral metastases. Principles of surgical intervention, functional and oncological outcomes. Presented at the 18th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Trieste, Italy, May 25-27, 2005.
158. Bender B, ***Bickels J***, Nirkin A, Meller I, Kollender Y. Sacral lesions. Report on 27 cases. Presented at the 18th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Trieste, Italy, May 25-27, 2005.
159. Merimsky O, Soyfer V, ***Bickels J***, Isaakov J, Flusser G, Nirkin A, Meller I, Kollender Y. Limb-sparing approach: A single team experience of adjuvant radiation therapy in adults with high-grade limb soft-tissue sarcoma. Presented at the 9th International Symposium of the International Society of Limb Salvage (ISOLS), Seoul, Korea. September 7-10, 2005.
160. Kollender Y, Nirkin A, Meller I, Weinbrum A, Isaakov J, Merimsky O, Flusser G, Bender B, ***Bickels J***. Intra-articular Yttrium 90 injection as an adjuvant following subtotal synovectomy of diffused pigmented villonodular synovitis. Presented at the 9th International Symposium of the International Society of Limb Salvage (ISOLS), Seoul, Korea. September 7-10, 2005.
161. Kollender Y, Meller I, Wittig J, Malawer MM, Kellar-Graney K, Nirkin A, Merimsky O, Isaakov J, ***Bickels J***. Surgical management of humeral metastases. Principles of surgical intervention, functional, and oncological outcomes. Presented at the 9th International Symposium of the International Society of Limb Salvage (ISOLS), Seoul, Korea. September 7-10, 2005.
162. Kollender Y, Bender B, Nirkin A, Meller I, Merimsky O, Isaakov J, Flusser G, Weinbroum A, ***Bickels J***. Sacral tumors management: outcome and complications. Report on 27 patients. Presented at the 9th International Symposium of the International Society of Limb Salvage (ISOLS), Seoul, Korea. September 7-10, 2005.
163. Weinbroum A, Chazan S, Stocki D, Nirkin A, Marouani N, ***Bickels J***, Meller I, Kollender Y. Postoperative concomitant administration of subanesthetic dose of ketamine plus low dose of morphine by intravenous patient-controlled analgesia (IV-PCA) device reduces pain and spares the use of analgesics more than a 33% higher dose of morphine alone in patients undergoing limb-sparing surgery. Presented at the 9th International Symposium of the International Society of Limb Salvage (ISOLS), Seoul, Korea. September 7-10, 2005.
164. Kollender Y, ***Bickels J***, Nirkin A, Flusser G, Issakov J, Merimsky O, Gorodetzky A, Weinbrum A, Meller I. Treatment of grade I-II medullary chondrosarcoma with cryosurgery and internal fixation. Presented at the 19th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Moscow, Russia, May 24-26, 2006.
165. Kollender Y, ***Bickels J***, Gur E, Zaretsky A, Weiss G, Amir A, Merimsky O, Flusser G, Nirkin A, Isaakov J, Meller I. Biological reconstruction of bone defects. Presented at the 19th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Moscow, Russia, May 24-26, 2006.

166. Flusser G, Umas H, Isaakov J, Merimsky O, **Bickels J**, Meller I, Weinbrum A, Nirkin A, Kollender Y. Swedging – a forgotten sign in the radiologic diagnosis of eosinophilic granuloma of long bones. Presented at the 19th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Moscow, Russia, May 24-26, 2006.
167. Kollender Y, Soyfer V, Isaakov J, **Bickels J**, Meller I, Inbar MJ, Merimsky O. Adult high-grade limb liposarcoma approached by limb sparing surgery and adjuvant radiation therapy. Presented at the 19th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Moscow, Russia, May 24-26, 2006.
168. Weinbroum A, **Bickels J**, Marouani M, Stocki D, Chazan S, Gorodetzky A, Nirkin A, Meller I, Rudick V, Kollender Y. Frequency of application of the intravenous patient-controlled analgesia (iv-pca) is not an option ? Presented at the 19th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Moscow, Russia, May 24-26, 2006.
169. **Bickels J**, Maman E, Kollender Y, Pritsch T, Malawer MM, Meller I. Extensile exposure of the axilla. Analysis of 27 consecutive patients. Presented at the 39th Annual Meeting of the Japanese Orthopedic Musculoskeletal Tumor Association, Sapporo, Japan, July 6-7, 2006.
170. **Bickels J**, Kollender Y, Wittig J, Malawer MM, Meller I. Function after resection of humeral metastases. Analysis of 59 consecutive patients. Presented at the 39th Annual Meeting of the Japanese Orthopedic Musculoskeletal Tumor Association, Sapporo, Japan, July 6-7, 2006.
171. **Bickels J**, Kollender Y, Pritsch T, Malawer MM, Meller I. Knee stability after resection of the proximal fibula. Presented at the 39th Annual Meeting of the Japanese Orthopedic Musculoskeletal Tumor Association, Sapporo, Japan, July 6-7, 2006.
172. **Bickels J**, Kollender Y, Pritsch T, Malawer MM, Meller I. Multiple myeloma requiring surgery. The orthopedic surgeon's perspective. Presented at the 39th Annual Meeting of the Japanese Orthopedic Musculoskeletal Tumor Association, Sapporo, Japan, July 6-7, 2006.
173. **Bickels J**, Kollender Y, Wittig J, Cohen N, Malawer MM, Meller I. Vacuum-assisted wound closure after resection of musculoskeletal tumors. Presented at the 39th Annual Meeting of the Japanese Orthopedic Musculoskeletal Tumor Association, Sapporo, Japan, July 6-7, 2006.
174. Maman E, **Bickels J**, Ephros M, Paran D, Cmaneshter D, Metzkor-Cotter E, Avidor B, Varon-Graidy M, Wientroub S, Giladi M. Musculoskeletal manifestations of cat-scratch disease. Presented at the 5th International Conference on Bartonella as Emerging Pathogens, Pacific Grove, California, USA, September 2-7, 2006.
175. **Bickels J**, Kollender Y, Pritsch T, Malawer M, Meller I. Multiple myeloma requiring surgery. The orthopaedic surgeon's perspective. Presented at the 26th Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. December 19-20, 2006.
176. **Bickels J**, Kollender Y, Pritsch T, Malawer M, Meller I. Knee stability after resection of the proximal fibula. Presented at the 26th Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. December 19-20, 2006.
177. **Bickels J**, Kollender Y, Merimsky O, Malawer M, Meller I. Limb sparing resections of the extremities for bone metastases. Analysis of 107 consecutive patients. Presented at the 6th Annual Meeting of the Israel Society for Clinical Oncology and Radiation Therapy (ISCORT). Eilat, Israel. January 9-13, 2007.

178. Laureen-Brooks D, Pritsch T, Malawer MM, ***Bickels J***, Weinberg T, Wu CC. A multimodality treatment for diffuse extra-articular pigmented villonodular synovitis of the knee. Presented at the 74th Annual Meeting of the American Academy of Orthopedic Surgeons, San Diego, California. February 14-18, 2007.
179. Malawer MM, Pritsch T, Laureen-Brooks D, Squires H, ***Bickels J***. Reconstruction following total scapulectomy: humeral suspension versus scapular endoprosthesis. Presented at the 74th Annual Meeting of the American Academy of Orthopedic Surgeons, San Diego, California. February 14-18, 2007.
180. Pritsch T, ***Bickels J***, Laureen-Brooks D, Wienberg T, Malawer MM. Reconstruction following massive soft-tissue resections from the anterior compartment of the thigh. Presented at the 74th Annual Meeting of the American Academy of Orthopedic Surgeons, San Diego, California. February 14-18, 2007.
181. Pritsch T, ***Bickels J***, Laureen-Brooks D, Squires H, Malawer MM. Analysis of fractures associated with curettage and cryosurgery of bone lesions around the knee. Presented at the 74th Annual Meeting of the American Academy of Orthopedic Surgeons, San Diego, California. February 14-18, 2007.
182. ***Bickels J***, Kollender Y, Nirkin A, Pritsch T, Meller I, Malawer MM. Knee stability after resection of the proximal fibula. Presented at the 74th Annual Meeting of the American Academy of Orthopedic Surgeons, San Diego, California. February 14-18, 2007.
183. Pritsch T, ***Bickels J***, Laureen-Brooks D, Wienberg T, Malawer MM. Soft-tissue sarcomas of the popliteal fossa: the orthopedic oncologist's perspective. Presented at the 74th Annual Meeting of the American Academy of Orthopedic Surgeons, San Diego, California. February 14-18, 2007.
184. Kollender Y, Bernstein-Molho R, Issakov J, ***Bickels J***, Flusser G, Azem F, Alon A, Inbar MJ, Meller I, Merimsky O. The complexity of management of pregnancy-associated malignant soft tissue and bone tumors. Presented at the 20th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Porto, Portugal, May 17-18, 2007.
185. Kollender Y, Meller I, Paz Y, ***Bickels J***. The Israel group experience with the "MUTARS" modular prosthetic replacement system for bone tumors resection. Presented at the 20th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Porto, Portugal, May 17-18, 2007.
186. Kollender Y, Zaretsky A, Amir A, ***Bickels J***, Merimsky O, Isaakov J, Flusser G, Nirkin A, Dadia S, Meller I, Gur E. Free fibula for long bone reconstruction in orthopaedic oncology. Presented at the 20th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Porto, Portugal, May 17-18, 2007.
187. Kollender Y, Zaretski A, Amir A, Leshem D, Barnea Y, Weiss J, ***Bickels J***, Meller I, Gur E. The use of proximal free fibular head flap for articular reconstructions. Presented at the 20th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Porto, Portugal, May 17-18, 2007.
188. Kollender Y, ***Bickels J***, Merimsky O, Issakov J, Flusser G, Nirkin A, Dadia S, Weinbrum A, Meller I. Cryosurgery for low grade intramedullary chondrosarcoma. Presented at the 20th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Porto, Portugal, May 17-18, 2007.
189. Kollender Y, Goffman A, Isaakov J, Soyfer V, Dadia S, Flusser G, ***Bickels J***, Meller I, Merimsky O. Synovial sarcoma of the extremities and trunk: a long lasting disease. Presented at the 20th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Porto, Portugal, May 17-18, 2007.

190. ***Bickels J***, Maman E, Malawer MM, Meller I, Kollender Y. Large Tumors of the Axilla: Limb-Sparing Resection versus Amputation in 27 Patients. Accepted for presentation at the 14th Biannual Meeting of the International Society of Limb Salvage (ISOLS), Hamburg, Germany, September 11-14, 2007.
191. ***Bickels J***, Pritsch T, Malawer MM, Meller I, Kollender Y. Knee Stability after Resection of the Proximal Fibula. Accepted for presentation at the 14th Biannual Meeting of the International Society of Limb Salvage (ISOLS), Hamburg, Germany, September 11-14, 2007.
192. ***Bickels J***, Issakov J, Meller I, Kollender Y. Unacceptable Complications Following Intra-Articular Injection of Yttrium90 to the Ankle Joint for Diffused Pigmented Villonodular Synovitis. Accepted for presentation at the 14th Biannual Meeting of the International Society of Limb Salvage (ISOLS), Hamburg, Germany, September 11-14, 2007.
193. Lev S, Meller I, Isaakov J, Kollender Y, ***Bickels J***. Psychological and Functional Outcome of Women Diagnosed with Musculoskeletal Cancer During Pregnancy Accepted for presentation at the 14th Biannual Meeting of the International Society of Limb Salvage (ISOLS), Hamburg, Germany, September 11-14, 2007.
194. ***Bickels J***, Kollender Y, Malawer MM, Kollender Y. Cryosurgical ablation of bone tumors. Accepted for presentation at the 14th Meeting of the International Society of Cryosurgery, Beijing, China, November 3-6, 2007.
195. Sternheim A, ***Bickels J***, Malawer MM. Space sarcomas: Extra-compartmental soft-tissue tumors of the lower extremities. Presented at the 27th Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. December 19-21, 2007.
196. Cohen N, Gur E, ***Bickels J***, Amir A, Kollender Y, Zaretsky A, Dadia S, Nirkin A, Meller I. Free vascularized fibular graft for the treatment of AVN of the femoral head. The Sourasky medical center experience. Presented at the 27th Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. December 19-21, 2007.
197. Goffman A, Issakov J, Kollender Y, Soyfer V, Meller I, Dadia S, Flusser G, ***Bickels J***, Merimsky O. Synovial sarcoma of the extremity and trunk: a long-lasting disease. Presented at the 27th Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. December 19-21, 2007.
198. Ben-Tov T, Malawer MM, Pritsch T, Chia-Chun W, Squires MH, ***Bickels J***. Functional reconstruction of the extensor mechanism following massive tumor resections from the anterior compartment of the thigh. Presented at the Annual Meeting of the American Musculoskeletal Tumor Society (MSTS). Phoenix, Arizona. November 6-8, 2008.
199. Ben Tov T, Pritsch T, Sternheim A, ***Bickels J***, Malawer MM. What is the incidence of radiation-induced fractures of the femur following the treatment of soft tissue sarcomas of the thigh? Is compartmental localization significant? Analysis and long-term follow-up of 188 patients. Presented at the International Symposium of Limb Salvage and the Musculoskeletal Tumor Society. Boston, Massachusetts. September 23-26, 2009.
200. Ben Tov T, Pritsch T, Sternheim A, ***Bickels J***, Malawer MM. Benign aggressive and low-grade malignant bone tumors of the foot and ankle: A difficult surgical problem guidelines and treatment for cryosurgery and cementation. Analysis of 33 patients with long-term follow-up. Presented at the International Symposium of Limb Salvage and the Musculoskeletal Tumor Society. Boston, Massachusetts. September 23-26, 2009.

201. Ben Tov T, Pritsch T, **Bickels J**, Malawer MM. Surgical techniques, guidelines, and functional results of endoprosthetic replacement of the scapula following Tikhoff-Linberg resection and total scapulectomy. Is scapular endoprosthesis replacement superior to humeral suspension alone? Presented at the International Symposium of Limb Salvage and the Musculoskeletal Tumor Society. Boston, Massachusetts. September 23-26, 2009.
202. Kollender Y, Meller I, Gur E, Dadia S, **Bickels J**, Nirkin A, Zaretsky A. The use of proximal free fibular head flap for articular reconstruction. Presented at the International Symposium of Limb Salvage and the Musculoskeletal Tumor Society. Boston, Massachusetts. September 23-26, 2009.
203. Rochkind S, Alon M, Meller I, Lev S, Dadia S, Nirkin A, **Bickels J**, Reider E, Kollender Y. Treatment of benign tumors and tumor-like conditions affecting peripheral nerves using microsurgical techniques and intraoperative electrophysiological monitoring. Presented at the International Symposium of Limb Salvage and the Musculoskeletal Tumor Society. Boston, Massachusetts. September 23-26, 2009.
204. Lev S, Balik C, Meller I, **Bickels J**, Dadia S, Nirkin A, Kollender Y. The nurse as a case manager in the unit of orthopedic oncology: The Israeli experience. Presented at the International Symposium of Limb Salvage and the Musculoskeletal Tumor Society. Boston, Massachusetts. September 23-26, 2009.
205. Gortzak Y, Kollender Y, **Bickels J**, Merimsky O, Isaakov J, Flusser G, Nirkin A, Weinbrum A, Meller I, Dadia S. Cryosurgery for low grade intramedullary chondrosarcoma. Presented at the 23rd Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Birmingham, UK, May 5-7, 2010.
206. Dadia S, Gortzak Y, Kollender Y, **Bickels J**, Meller I. Effectiveness of intravenous bisphosphonates in the treatment of locally recurrent giant cell tumors. Presented at the 23rd Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Birmingham, UK, May 5-7, 2010.
207. Abu Shanab S, Gortzak Y, Kollender Y, **Bickels J**, Meller I, Dadia S. Ethnic differences in the incidence of primary malignant bone tumors in Israel. Presented at the 23rd Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Birmingham, UK, May 5-7, 2010.
208. Dadia S, Gortzak Y, Kollender Y, Rochkind S, **Bickels J**, Meller I. Treatment of benign tumors affecting peripheral nerves using microsurgical techniques and intra-operative electrophysiological monitoring. Presented at the 23rd Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Birmingham, UK, May 5-7, 2010.
209. Drexler M, Amar E, Chechik O, Dadia S, Meller I, **Bickels J**. Radiological evaluation of the hip joint following endoprosthetic replacement of the proximal femur. Presented at the 30th Annual Meeting of the Israel Orthopedic Association. Jerusalem, Israel. December 1-3, 2010.
210. Drexler M, Khashan M, Dadia S, Gortzak Y, Kollender Y, Meller I, **Bickels J**. Tumors around the hip joint treated with resection without reconstruction in 18 consecutive patients. Presented at the 30th Annual Meeting of the Israel Orthopedic Association. Jerusalem, Israel. December 1-3, 2010.
211. Drexler M, Amar E, Dadia S, Meller I, **Bickels J**. Radiological evaluation of the hip joint following endoprosthetic replacement of the proximal femur. Presented at the 78th Annual Meeting of the American Academy of Orthopedic Surgeons, San Diego, California. February 15-19, 2011.
212. Gortzak Y, Drexler M, Amar E, Chechik O, Dadia S, Kollender Y, Meller I, **Bickels J**. Radiological evaluation of the hip joint following endoprosthetic replacement of the proximal femur. Presented at the 24th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Ghent, Belgium, May 18-20, 2011.

213. Gortzak Y, Drexler M, Khashan M, Dadia S, Kollender Y, Meller I, ***Bickels J***. Tumors around the hip joint treated with resection without reconstruction: 18 consecutive patients. Presented at the 24th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Ghent, Belgium, May 18-20, 2011.
214. Drexler M, Amar E, Chechik O, Dadia S, Meller I, ***Bickels J***. Radiological evaluation of the hip joint following endoprosthetic replacement of the proximal femur. Presented at the 12th Annual Meeting of the European Federation of National Associations of Orthopaedics and traumatology (EFORT), Copenhagen, Denmark, June 1-4, 2011.
215. Voskoboinik N, Konick D, Goldstein M, Dadia S, Kollender Y, ***Bickels J***, Orr-Urteger A, Meller I, Rothman R. Complex rearrangements of chromosomes in seven cases of Ewing's sarcoma. Presented at the 8th European Cytogenetics Conference, Porto, Portugal, July 2-5, 2011.
216. Dadia S, Kollender Y, Drexler M, Khashan M, Gortzak Y, Meller I, ***Bickels J***. Tumors around the hip joint treated with resection without reconstruction: 18 consecutive patients. Presented at the 16th Annual Meeting of the International Society of Limb Salvage. Beijing, China. September 15-18, 2011.
217. Kollender Y, Dadia S, Gortzak Y, Meller I, ***Bickels J***. Ewing's sarcoma of the pelvic girdle treated with cryoablation in lieu of wide local resection. Report of eight consecutive patients. Presented at the 16th Annual Meeting of the International Society of Limb Salvage. Beijing, China. September 15-18, 2011.
218. Kollender Y, Dadia S, Gortzak Y, Merimsky O, Meller I, ***Bickels J***. Intraoperative photodynamic detection of desmoid tumor using 5-ALA. Presented at the 16th Annual Meeting of the International Society of Limb Salvage. Beijing, China. September 15-18, 2011.
219. ***Bickels J***, Gortzak Y, Dadia S, Merimsky O, Meller I, Kollender Y. Intraoperative photodynamic detection of desmoid tumor using 5-ALA. Presented at the Combined Meeting of the American Musculoskeletal Tumor Society (MSTS) and the Connective Tissue Oncology Society (CTOS). Chicago, Illinois. October 27-29, 2011.
220. ***Bickels J***, Gortzak Y, Drexler M, Kashn M, Dadia S, Meller I, Kollender Y. Tumors around the hip joint treated with resection without reconstruction. Report of 18 consecutive patients. Presented at the Combined Meeting of the American Musculoskeletal Tumor Society (MSTS) and the Connective Tissue Oncology Society (CTOS). Chicago, Illinois. October 27-29, 2011.
221. ***Bickels J***, Gortzak Y, Dadia S, Meller I, Kollender Y. Ewing's sarcoma of the pelvic girdle treated with cryoablation in lieu of wide local resection. Report on eight consecutive patients. Presented at the Combined Meeting of the American Musculoskeletal Tumor Society (MSTS) and the Connective Tissue Oncology Society (CTOS). Chicago, Illinois. October 27-29, 2011.
222. Gortzak Y, Dadia S, Drexler M, Amar E, Chechik O, Meller I, Kollender Y, ***Bickels J***. Radiologic evaluation of the hip joint following endoprosthetic reconstruction of the hip joint. Presented at the Combined Meeting of the American Musculoskeletal Tumor Society (MSTS) and the Connective Tissue Oncology Society (CTOS). Chicago, Illinois. October 27-29, 2011.
223. Gortzak Y, Kollender Y, ***Bickels J***, Meller I, Dadia S. Cryosurgery for low grade intramedullary chondrosarcoma. Presented at the Combined Meeting of the American Musculoskeletal Tumor Society (MSTS) and the Connective Tissue Oncology Society (CTOS). Chicago, Illinois. October 27-29, 2011.
224. ***Bickels J***, Dadia S, Gortzak Y, Meller I, Kollender Y. Intraoperative photodynamic selection of desmoid tumor using 5-ALA. Presented at the 31st Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. November 30 - December 2, 2011.

225. **Bickels J**, Dadia S, Gortzak Y, Merimsky O, Meller I, Kollender Y. Ewing's sarcoma of the pelvic girdle treated with cryoablation. Report of eight consecutive patients. Presented at the 31st Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. November 30 - December 2, 2011.
226. Dadia S, Gortzak Y, Kollender Y, **Bickels J**, Meller I. The concept of induced membrane for reconstruction of long bone defects - case report. Presented at the 25th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Bolonga, Italy, May 15-16, 2012.
227. Danino B, Rozner G, Or A, Weintroub B, **Bickels J**. Cytogenetic translocation associated with locally recurrent aneurysmal bone cyst. Presented at the 32nd Annual Meeting of the European Pediatric Orthopedic Society (EPOS), Athens, Greece, April 17-20, 2013.
228. Dadia S, Gortzak Y, Ben-Eliyahu S, Kollender Y, **Bickels J**. Ewing's sarcoma of the pelvic girdle treated with cryoablation in Lieu of wide local resection. Report of eight consecutive cases. Presented at the 26th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Gothenburg, Sweden, May 29-31, 2013.
229. Dadia S, Gortzak Y, Ben-Eliyahu S, Kollender Y, **Bickels J**. Intraoperative detection of desmoid tumor using 5-ALA. Presented at the 26th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Gothenburg, Sweden, May 29-31, 2013.
230. Dadia S, Gortzak Y, Treiberg R, Kollender Y, **Bickels J**. Tumors around the hip joint treated with Resection without reconstruction. Report of 18 consecutive patients. Presented at the 26th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Gothenburg, Sweden, May 29-31, 2013.
231. Dadia S, Gortzak Y, Treiberg R, Kollender Y, **Bickels J**. Radiological evaluation of the hip joint following endoprosthetic replacement of the proximal femur. Presented at the 26th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Gothenburg, Sweden, May 29-31, 2013.
232. **Bickels J**, Dadia S, Gortzak Y, Kollender Y. Ewing's sarcoma of the pelvic girdle treated with cryoablation in lieu of wide local resection. Report of eight consecutive patients. Presented at the 17th Annual Meeting of the International Society of Limb Salvage. Bologna, Italy. September 11-13, 2013.
234. **Bickels J**, Dadia S, Gortzak Y, Kollender Y. Intraoperative photodynamic detection of desmoid tumor using 5-ALA. Presented at the 17th Annual Meeting of the International Society of Limb Salvage. Bologna, Italy. September 11-13, 2013.
235. Danino B, Rozner G, Or A, Weintroub S, Bickels J. Novel translocations with clinical implication in aneurysmal bone cyst. Presented at the 17th Annual Meeting of the International Society of Limb Salvage. Bologna, Italy. September 11-13, 2013.
236. **Bickels J**, Dadia S, Gortzak Y, Kollender Y. Tumors around the hip joint treated with resection without reconstruction, Report of 18 consecutive patients. Presented at the 17th Annual Meeting of the International Society of Limb Salvage. Bologna, Italy. September 11-13, 2013.
237. **Bickels J**, Dadia S, Gortzak Y, Kollender Y. Radiological evaluation of the hip joint following endoprosthetic replacement of the proximal femur. Presented at the 17th Annual Meeting of the International Society of Limb Salvage. Bologna, Italy. September 11-13, 2013.
238. **Bickels J**, Gortzak Y, Dadia S, Kollender Y. 5-Aminolevulinic acid photoablation of desmoid tumors. preliminary report of 3 patients. Presented at the 33rd Annual Meeting of the Israel Orthopedic Association. Tel-Aviv, Israel. November 27-29, 2013.
239. **Bickels J**, Gortzak Y, Dadia S, Kollender Y. 5-Aminolevulinic acid photoablation of desmoid tumors. preliminary report of 3 patients. Presented at the Bi-Annual Meeting of the Israeli Society of Surgical Oncology. Caesaria, Israel. February 13-14, 2014.

240. Gortzak Y, Sternheim A, Dadia S, Kollender Y, ***Bickels J***. Re-implantation of intercalary bone segments in Ewing's sarcoma treated with Liquid Nitrogen. Presented at the 27th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Vienna, Austria, May 21-23, 2014.
241. ***Bickels J***, Gortzak Y, Sternheim A, Kollender Y. 5-Aminolevulinic acid photoablation of fibrotic soft-tissue tumors. Presented at the 28th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Athens, Greece, April 29 - May 1, 2015.
242. Gortzak Y, ***Bickels J***, Sternheim A, Kollender Y, Nirkin A, Levin D, Dadia S. Short term experience with the Expand non-invasive expandable endoprosthesis. Presented at the 28th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Athens, Greece, April 29 - May 1, 2015.
243. Biadce A, Segal O, Kollender Y, Isaakov J, ***Bickels J***, Sternheim A, Gortzak Y, Druckman I, Flusser G. The role of core needle biopsy in the diagnosis of bone and soft-tissue tumors. Presented at the 28th Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Athens, Greece, April 29 - May 1, 2015.
244. ***Bickels J***, Gortzak Y, Sternheim A, Kollender Y. 5-Aminolevulinic acid photoablation of fibrotic soft-tissue tumors. Preliminary report of 24 patients. Accepted for presentation at the Annual Meeting of the Connective Tissue Oncology Society (CTOS), Salt Lake City, Utah, November 4-7, 2015.

9. Patents:

A scalpel blade remover (Patent application # 89967 by Hadassah Medical Organization)

New design of a needle holder (Patent application # 93185 by Hadassah Medical Organization)

10. Key note or invited talks:

- International

1. ***Bickels J***. Instructional lecture: Diagnostic strategy for bone tumors. Presented at the 15th Annual Meeting of the European Federation of National Associations of Orthopaedics and Traumatology (EFORT). London, UK. June 4-6, 2014.
2. ***Bickels J***. New strategies in the management of metastatic bone disease. Presented at the 32nd Annual Meeting of the European Musculoskeletal Oncology Society (EMSOS), Florence, Italy, May 15-17, 2019.

- National

1. ***Bickels J***. Pediatric malignant tumors. Instructional course. Given at the 19th Annual Congress of the Israel Orthopedic Association, Tel-Aviv, Israel. December 1-2, 1999.
2. ***Bickels J***. Symposium on osteosarcoma. Meir Hospital, Kfar Sava, Israel. May 5, 2001.
3. ***Bickels J***. Management of primary tumors in the hip area. Presented at the 6th Annual Meeting of the Israeli Hip Society, Ramat-Gan, Israel. July 13, 2001.
4. ***Bickels J***. Palliative surgical management of bone metastases. Presented at the 2nd international conference in palliative care. Eilat, Israel. March 19-22, 2008.

5. **Bickels J.** Seminar on joint replacement in orthopedic oncology. Tel-Aviv University, Tel-Aviv, Israel, October 30, 2009.
6. **Bickels J.** Seminar on abstract writing. Tel-Aviv University, Tel-Aviv, Israel, May 28, 2010.