**Titel cursus**

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| Musculoskeletal Oncology 2019 |

**Datum**

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| 31-10-2019 |

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| 02-11-2019 |

**Cursusinhoud**

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| This is the fourth edition of the Musculoskeletal Oncology Course of the University of Leiden. It has been organized by the Department of Orthopedics of the University of Leiden in close cooperation with the University of Padova and other international faculties.  Based on a years experience of some faculty members with other Oncology Courses, such as the Moffitt Cancer Center Course, the Rizzoli Course and the European Course of Budapest Semmelweis University, our course is aimed to offer a review and update of the knowledge in musculoskeletal oncology. And more specifically to provide basic information on clinical features, imaging, pathology and principles of treatment of the bone and soft tissues tumors and pseudotumoral lesions.  It is a short but comprehensive course, addressed to residents, fellows and young surgeons who are wishing to start their activity or are already involved in the field of musculoskeletal oncology, in order to refresh or widen their knowledge. This course is designed to be fairly interactive, a voting app will be used, with specific time slots dedicated to case discussion and questions. Our faculty includes very prestigeous names in musculoskeletal oncology, with different specialities represented: orthopedic surgery of course, as well as pathology, radiology and medical oncology. We hope that this course will be both useful and pleasant for all participants. |
| ***De cursus is bedoeld voor*** |
| orthopedic surgery, pathology, radiology and medical oncology. |

**Cursuscommissieleden**

Prof. Sander Dijkstra, orthopedic surgeon, LUMC,

Prof. Pietro Ruggieri, orthopedic surgeon, Padova, Italy

**Sprekers**

P[rof.dr. J.V.M.G. Bovee](https://www.albinusnet.nl/profiel?id=1453), pathologist, LUMC

Dr. G.K. van Drunen, plastic surgeon, Alrijne ziekenhuis, Leiderdorp

P[rof.dr. J.A. van der Hage](https://www.albinusnet.nl/profiel?id=27739), surgeon, LUMC

Prof. Francis Hornicek, orthopedic surgeon, ULCA, LA, USA

Prof. Andreas Leithner, orthopedic surgeon, Graz, Austria

Prof. Andrea Angelini, orthopedic surgeon, Bologna, Italy

Prof. Ajay Puri, orthopedic oncology, Mumbai, India

[Dr. C.S.P. van Rijswijk](https://www.albinusnet.nl/profiel?id=2765), radiologist, LUMC

[Dr. M.A.J. van de Sande](https://www.albinusnet.nl/profiel?id=2857), orthopedic surgeon, LUMC

[Prof.dr. A.H.M. Taminiau](https://www.albinusnet.nl/profiel?id=14744), orthopedic surgeon, LUMC

**Program**

**31 october 2019**  
*Venue Boerhaave Rijksmuseum, Leiden*

07:30 Registration / Check-In  
08:50 Welcome and Course Overview - Sander Dijkstra

**09.00 General principles**  
09:00 Principles of Bone Tumor Pathology - Judith Bovee  
09:45 Principles of bone Imaging - Carla van Rijswijk  
10:30 Biopsy Techniques - Andreas Leithner  
**11.00 Break**

11:30 Staging of Musculoskeletal Tumors - Pietro Ruggieri  
12:00 Surgical Margins - Francis Hornicek  
12:30 Case Quiz with Voting - Sander Dijkstra / Pietro Ruggieri  
**13:00 Lunch**

**Benign bone tumors**  
13:45 Leave me alone lesions: NOF, Fibrous Dysplasia, Langerhans histiocytose, Unicameral Bone Cyst - Pietro Ruggieri  
14:15 Benign Bone Tumors: Osteoid lesion - Andreas Leithner  
14:45 Benign Bone tumors: Chondroid lesions - Michiel van de Sande  
15.15 Giant cell Tumor of Bone and ABC - Sander Dijkstra  
**15:45 Break**

16:15 Case Quiz with Voting - Michiel van de Sande / Andreas Leithner  
17:30 Guided grand tour Boerhaave rijksmuseum tour 2 groups: group A & oB or anatomic theatre (1510) Bone tumors: a history  
18:30 Drinks and “bitterballen”

**1 november**  
*Academic building, Leiden*

**Malignant Bone tumors**  
08.00 Malignant Bone Forming Tumors - Douglas Letson  
08:45 Malignant Cartilage Forming Tumors - Michiel van de Sande  
09.30 Small Round Blue Cell Tumor of Bone - Sander Dijkstra  
10.15 Case Quiz and Voting - Douglas Letson / Sander Dijkstra  
**11:00 Break**

**Look alike bone tumors**  
11:30 Tumor like lesions - Carla van Rijswijk  
12:00 Bonemets spine - Sander Dijkstra  
12:30 Bonemets long bones - Michiel vd Sande  
13:00 Bone tumor Whoops - Sander Dijkstra  
**13:30 Lunch**

**Soft tissue tumor**  
14.15 Principles Tissue Tumors Pathology - Judith Bovee  
15:00 Imaging of Soft Tissue Tumors - Carla van Rijswijk  
15:30 Treatment Benign Tissue Tumors - Jos van der Hage  
**16:00 Break**

16:30 Treatment Malignant Soft Tissue Tumors - Francis Hornicek  
17:00 Case quiz and voting - Francis Hornicek / Douglas Letson  
19:00 Meeting Point: transfer by private boat to the dinner  
20:00 Dinner: Zeilpoort

**2 november**  
*Reconstruction in children*

08:00 Amputation and rotationplasty - Aya Puri  
08.30 Biological reconstruction - Michiel van de Sande  
09.00 Growing endoprosthesis - Douglas Letson  
09.30 Cases quiz and voting - Aya Puri / Douglas Letson  
10:00 Plastic surgery - Bert van Drunen  
**10:30 Break**

**Reconstruction in adults**  
11.00 History endoprosthesis - Pietro Ruggieri  
11.15 Lower extremity - Francis Hornicek  
11.30 Upper extremity - Pietro Ruggieri  
11.45 History biological reconstructions - Antonie Taminiau  
12.00 Lower extremity - Aya Puri  
12.15 Upper extremity - Michiel van de Sande  
12.30 Pelvic surgery - Sander Dijkstra  
**13:00 Lunchboxes & case presentation participants Sander Dijkstra / Pietro Ruggieri**  
**14:00 Adjourn**