**Titel cursus**

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| A multidisciplinary approach to the diagnosis of bone tumours |

**Datum**

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| 25-03-2019 |

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| 27-03-2019 |

**Cursusinhoud**

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| ***Deze cursus gaat over*** |
| This course aims at the practical multidisciplinary approach to diagnose tumours of bones and joints, which can also be encountered outside specialized centers. The course deals with a systematic approach of groups of frequently occurring tumours and tumour-like lesions. The emphasis is multidisciplinary and the focus on the interaction between pathologists, radiologists and orthopaedic surgeons, which is crucial to come to an adequate diagnosis. Lectures are admixed with practical training in the form of computerized microscopy training, and discussion of relevant molecular biological techniques, in a multidisciplinary setting***.*** |
| ***De cursus is bedoeld voor*** |
| (trainee) pathologists, orthopaedic surgeons, radiologists, clinical oncologists and paediatricians |
| **Als deelnemers hebben deelgenomen aan de cursus zijn ze in staat om (algemeen leerdoel en specifieke leerdoelen)** |
| \* To practice with and experience the benefit of a multidisciplinary approach to bone lesions  \* To increase knowledge of the diagnostic criteria of a variety of primary bone tumours and tumour-like lesions  • To understand the genetic background and the role of molecular diagnostics in the diagnosis of bone tumours |

**Cursuscommissieleden**Prof. dr. Judith V.M.G. Bovée, LUMC   
Dr. Carla S.P. van Rijswijk, LUMC

**Sprekers**Prof. dr. J.L. (Hans) Bloem, Radiologist, LUMC   
Prof. dr. J.V.M.G. (Judith) Bovée, Pathologist, LUMC   
Dr. A.M. (Anne-Marie) Cleton-Jansen, Molecular biologist, LUMC   
Dr. A.H.G. (Arjen) Cleven, Pathologist, LUMC   
Prof. dr. P.D.S. (Sander) Dijkstra, Orthopedic surgeon, LUMC   
Prof. dr. P.C.W. (Pancras) Hogendoorn, Pathologist, LUMC   
Dr. C.S.P. (Carla) van Rijswijk, Radiologist, LUMC   
M.A.J. (Michiel) van de Sande, Orthopedic surgeon, LUMC   
Prof. dr. A.J.H. (Albert) Suurmeijer, Pathologist, UMCG   
Dr. H.J. (Henk Jan) van der Woude, Radiologist, OLVG

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| **Monday March 25, 2019** | | |
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| 11:30 | **Registration and lunch** |  |
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| 12:30 | **Welcome**  J.V.M.G. Bovée |  |
| 12:40 | **Radiologic approach of skeletal tumours**  C.S.P. van Rijswijk |  |
| 13:10  13:30 | **Establishing a diagnosis: the surgical point of view (biopsy)**  M.A.J. van de Sande  **Preparation of biopsy and resected specimens (macroscopy, decalcification methods)**  J.V.M.G. Bovée |  |
| 13:55 | **Hereditary osteogenic tumours**  A.M. Cleton-Jansen |  |
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| 14:15 | **Tea break** |  |
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| 14:35 | **Radiological and pathological approach of** |  |
|  | **bone-forming tumours (osteoid osteoma, osteoblastoma, osteosarcoma subtypes, fibrous dysplasia)**  A.J.H. Suurmeijer C.S.P. van Rijswijk  **RADIOLOGY AND MICROSCOPY, SESSION I** |  |
| 15:50 | **Bone-forming tumours; practical session**  A.J.H. Suurmeijer C.S.P van Rijswijk |  |
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| 18:15 | **Course dinner in Leiden City Centre** |  |
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| **Tuesday March 26, 2019** | | |
| 09:00 | **Registration and coffee** |  |
| 09:15 | **Introduction to the radiology of cartilage tumours**  H.J. van der Woude |  |
| 09:30 | **Differential diagnosis of cartilage-forming tumours, part 1 (benign: osteochondroma, chondroma, chondroblastoma, chondromyxoid fibroma, cartilaginous tumour syndromes)** J.V.M.G. Bovée |  |
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| 10:25  10:45 | **Coffee break**  **Differential diagnosis of cartilage-forming tumours, part 2 (malignant: chondrosarcoma)**  J.V.M.G. Bovée  **RADIOLOGY AND MICROSCOPY, SESSION II** |  |
| 11:30 | **Cartilage-forming tumours; practical session**  J.V.M.G. Bovée H.J. van der Woude |  |
| 13:00 | **Lunch** |  |
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| 13:45 | **Introduction to the radiology of giant cell containing tumours**  H.J. van der Woude |  |
| 14:10 | **Differential diagnosis of giant cell containing tumours (giant cell tumour, hyperparathyroidism, central giant cell granuloma, ABC, chondroblastoma)**  P.C.W. Hogendoorn |  |
| 14:55 | **Treatment of bone tumours; the surgical point of view (curettage, resection)**  M.A.J. van de Sande |  |
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| 15:25 | **Tea break** |  |
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|  | **RADIOLOGY AND MICROSCOPY, SESSION III** |  |
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| 15:45  17.15 | **Giant cell containing tumours; practical session**  J.V.M.G. Bovée H.J. van der Woude  **Drinks** |  |

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| **Wednesday March 27, 2019** | | |
| 09:00 | **Registration and coffee** |  |
| 09:15 | **Radiological and pathological approach of inflammatory conditions,** **haematopoietic tumours primarily presenting in bone and small cell tumours (osteomyelitis, Langerhans cell histiocytosis, lymphoma, plasmacytoma, Ewing sarcoma and so-called “Ewing-like” sarcomas)**  J.L. Bloem, A.H.G. Cleven, J.V.M.G. Bovée |  |
| 10:30 | **Molecular diagnostics of bone tumours** |  |
| J.V.M.G. Bovée | | |
| 11:15 | **Coffee break** |  |
|  | **RADIOLOGY AND MICROSCOPY, SESSION IV** |  |
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| 11:30 | **Various tumours and tumour-like disorders: learn from the practice** + Quizz **practical session** J.V.M.G. Bovée J.L. Bloem |  |
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| 13:15 | **Closure** |  |
| 13:15 | **Optional: visit to the nearby anatomical museum + lunch** |  |
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