

## Oncology Track 2 - Bone Metastasis Imaging & Treatment

# ESMIT

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**February 16, 2019**

### Session I: Challenges in diagnosis

13:30 - 13:50	Diagnosis of metastatic bone disease: radiology perspective
13:50 - 14:10	Diagnosis of metastatic bone disease: molecular imaging perspective I (planar/SPECT/SPECT-CT)
14:10 - 14:30	Diagnosis of metastatic bone disease: molecular imaging perspective II (PET)
14:30 - 15:30	Hands-on sessions
15:30 - 15:50	Coffee Break

### Session II: Treatment evaluation in patients with metastatic bone disease I

15:50 - 16:10	CT Treatment assesment of metastatic dome disease
16:10 - 16:30	Interactive case reading
16:30 - 16:50	MR Treatment assesment of metastatic dome disease
16:50 - 17:10	Interactive case reading
17:10 - 17:30	MM imaging
17:30 - 18:00	Interactive case reading
End day 2	

**February 17, 2019**

### Session III: Treatment evaluation in patients with metastatic bone disease II

08:00 - 09:00	Hands-on sessions
09:00 - 09:20	Discussion

### Session IV: Imaging to guide treatment of metastatic bone diasease I

09:20 - 09:40	Bone metastases medical treatment overview
09:40 - 10:00	Interactive case reading
10:00 - 10:20	Coffee Break

### Session V: Imaging to guide treatment of metastatic bone diasease II

10:20 - 10:40	Bone metastases treatment with radiopharmaceuticals overview
10:40 - 11:00	Interactive case reading
11:00 - 11:20	Combination treatment: rational, advantages and open issues
11:20 - 12:00	Interactive case reading
12:00 -12:30	Lunch beack

### Session VI: Treatment planning: all that you have to know to plan your treatment

12:30 - 12:50	Overview on radioparmaceuticals. pharmacokinetic of bone seeking agent
12:50 - 13:10	Radiobiology: beta versus alpha emitters
13:10 - 13:30	Dosimetric issues and radioprotection
13:30 - 13:50	How to settle your lab
13:50 - 14:20	Interactive case reading: case discussion in small group

### Session VII: Treatment planning - simulate your treatment

14:20 - 14:40	Patients' selection and management
14:40 - 15:30	Hands-on sessions
End of the school	