



Prof Eric Senneville, Head of Department of Infectious Diseases at Dron Hospital, Tourcoing, France will coordinate the workshop on the diabetic foot infections. He will give a global presentation to allow you to know all the aspects of diabetic foot infections from A to Z: From the detection to the clinical strategies.

### **General Introduction**

- Burden of the disease
- Physiopathology of diabetic foot infections

### **Clinical presentations of diabetic foot infections**

- Diabetic foot wound: how to suspect infection and to classify it?
- What assessment of a patient presenting with a foot infection?
- Soft tissue versus bone infection of the diabetic foot

### **Microbiological diagnosis of diabetic foot infections**

- Sampling of a diabetic foot ulcer for culture: how and when?
- Interpretation and use of the culture results?

### **Current recommendations on the diagnosis and treatment of diabetic foot infections (osteomyelitis excluded)**

- What imaging studies should be done in a patient with a diabetic foot infection?
- How to select a first-line antibiotic treatment of a diabetic foot infection?

### **Osteomyelitis of the Diabetic Foot: What's New in Diagnosis and Treatment?**

- How to diagnose osteomyelitis of the foot in a patient with diabetes?
- Bone biopsy : when and how? Advantages and limitations
- Medical and surgical treatment for patients with diabetic foot osteomyelitis: why, how, when and what duration of the antibiotic treatment?

### **Who is Prof Eric Senneville?**

Eric Senneville is Professor of Medicine at the Faculty of Medicine of Lille, France. From 2012, he is also Head of University Department of Infectious and Tropical Diseases at Gustave Dron Hospital, Tourcoing, France.

### **Concerning his postgraduate education/specialisation/training:**

University of Lille, Certificate C1 Master Degree in human-bacteriology biology, Lille, France, 1998  
University of Lille, Certificate C2 Master Degree in human-virology biology, Lille, France, 1997  
University of Lille, Certificate C2 Master Degree in human-parasite biology, Lille, France, 1994  
University of Lille, Certificate C1 Master Degree in human-parasite biology, Lille, France, 1992  
University of Lille, Inter-University Diploma on nosocomial infection, Lille, France, 1992  
University of Lille, Specialized Post-Graduate Degree of nephrology (national), Lille, France, 1991  
University of Lille, University Diploma of universal resuscitation, Lille, France, 1990  
University of Lille, AIDS University Diploma, Lille, France, 1990  
University of Lille, Post-graduate diploma option ultrasoundology cardiac module, Lille, France, 1990  
University of Lille, Specialized Post-Graduate Degree of Cardiology (national), , Lille, France, 1989  
University of Lille, University Diploma Clinical Antibiotherapy, Lille, France, 1989  
University of Lille, Post-graduate diploma geriatric medical pathology, Lille, France, 1988

### **Previous appointments**

Clinic Associate Physician orthopaedic-traumatology Clinic - Since 1997 at Hôpital Roger Salengro, Service of Pr. H. Migaud, Lille, France  
Hospital Practitioner - from 1989 to 2000 at CISH n°18, Lille, France

Cardiac Echography Assistant - from 1989 to 1995 at Centre Hospitalier, Service and Cardiac Consultation, Tourcoing, France

Watch and telephone on call duty - since 1989 at Centre Hospitalier, Regional Infectious Disease Unit, Tourcoing, France

Assistant Physician - from 1989 to 1991 at Centre Hospitalier, Lille, France

Cardiac Resuscitator (resuscitation watch) - from 1988 to 1991 at Centre Hospitalier, Cardiac Intensive Care Unit, Lille, France

Resuscitator (resuscitation watch) - from 1984 to 1994 at Centre Hospitalier, Infectious Disease and Universal Resuscitation Unit, Tourcoing, France

Resident - from 1983 to 1989 at Centre Hospitalier Universitaire, Lille, France

### Other activities pertinent to professional qualification

Competence in Exotic Medicine (National), 1989.

Competence in General Practice, 1995.

### Last ten publications in the field of diabetic foot infection as first or last author

1. Six-week versus twelve-week antibiotic therapy for nonsurgically treated diabetic foot osteomyelitis: a multicenter open-label controlled randomized study. Tone A, Nguyen S, Devemy F, Topolinski H, Valette M, Cazaubiel M, Fayard A, Beltrand É, Lemaire C, Senneville É. *Diabetes Care*. 2015 Feb;38(2):302-7

2. Difficult situations managing diabetic foot. Evidences and personal views: is to operate on patients with diabetic foot osteomyelitis old-fashioned? Senneville E, Nguyen S. *Int J Low Extrem Wounds*. 2014 Dec;13(4):241-6

3. First report of the predominance of clonal complex 398 *Staphylococcus aureus* strains in osteomyelitis complicating diabetic foot ulcers: a national French study. Senneville E, Brière M, Neut C, Messad N, Lina G, Richard JL, Sotto A, Lavigne JP; The French Study Group on the Diabetic Foot. *Clin Microbiol Infect*. 2013 Aug 28. doi: 10.1111/1469-0691.12375

4. Major amputation of lower extremity: prognostic value of positive bone biopsy cultures. Vaznaissiene D, Beltrand E, Laiskonis AP, Yazdanpanah Y, Migaud H, Senneville E. *Orthop Traumatol Surg Res*. 2013 Feb;99(1):88-93.

5. Current pharmacotherapy options for osteomyelitis: convergences, divergences and lessons to be drawn. Senneville E, Nguyen S. *Expert Opin Pharmacother*. 2013 Apr;14(6):723-34

6. 2012 Infectious Diseases Society of America clinical practice guideline for the diagnosis and treatment of diabetic foot infections. Lipsky BA, Berendt AR, Cornia PB, Pile JC,

Peters EJ, Armstrong DG, Deery HG, Embil JM, Joseph WS, Karchmer AW, Pinzur MS, Senneville E, Infectious Diseases Society of America. Clin Infect Dis. 2012 Jun;54(12):e132-73

7. Outcome of patients with diabetes with negative percutaneous bone biopsy performed for suspicion of osteomyelitis of the foot. Senneville E, Gaworowska D, Topolinski H, Devemy F, Nguyen S, Singer B, Beltrand E, Legout L, Caillaux M, Descamps D, Canonne JP, Yazdanpanah Y. Diabet Med. 2012 Jan;29(1):56-61

8. Management of patients hospitalized for diabetic foot infection: results of the French OPIDIA study. Richard JL, Lavigne JP, Got I, Hartemann A, Malgrange D, Tsirtsikolou D, Baleyrier A, Senneville E. Diabetes Metab. 2011 Jun;37(3):208-15

9. Tolerability of prolonged linezolid therapy in bone and joint infection: protective effect of rifampicin on the occurrence of anaemia? Legout L, Valette M, Dezeque H, Nguyen S, Lemaire X, Loiez C, Caillaux M, Beltrand E, Dubreuil L, Yazdanpanah Y, Migaud H, Senneville E. J Antimicrob Chemother. 2010 Oct;65(10):2224-30

10. Needle puncture and transcutaneous bone biopsy cultures are inconsistent in patients with diabetes and suspected osteomyelitis of the foot. Senneville E, Morant H, Descamps D, Dekeyser S, Beltrand E, Singer B, Caillaux M, Boulogne A, Legout L, Lemaire X, Lemaire C, Yazdanpanah Y. Clin Infect Dis. 2009 Apr 1;48(7):888-93