

Programme of 2nd Symposium on Kidney Stone and Mineral Metabolism

Kidney Stones Disease in 2019



Venue: 108 Military Central Hospital
1 Tran Hung Dao, Hai Ba Trung District, Hanoi, Vietnam

11th - 13th September 2019

108 Military Central Hospital, Hanoi, Vietnam

Viet Nam Urology and Nephrology Association – VUNA

International Collaborative Network on Kidney Stones and Mineral Metabolism - ICNKSMM



BỆNH VIỆN TRUNG ƯƠNG QUÂN ĐỘI 108
108 MILITARY CENTRAL HOSPITAL

VUNA Vietnam Urology
& Nephrology
Association

INVITED SPEAKERS



Brochériou, Isabelle, M.D., Ph.D

Service D'anatomie - Cytologie Pathologique, Hôpital Pitié-Salpêtrière, Paris, France



Daudon, Michel, BSC, Ph.D

Service D'explorations Fonctionnelles De L'hôpital Tenon, Paris, France



Gambaro, Giovanni, M.D., Ph.D

Division Of Nephrology And Dialysis, Department Of Medicine, University Of Verona, Verona, Italy



Carl, Van Haute, M.D

Kidney Stone Clinic-Urology Department, Centre Hospitalier Brugmann, Université Libre De Bruxelles (ULB), Bruxelles, Belgium



Letavernier, Emmanuel, M.D., Ph.D

Service D'explorations Fonctionnelles De L'hôpital Tenon, Paris, France



Maalouf, Naim, M.D., Ph.D

Department Of Internal Medicine, Division Of Mineral Metabolism, Charles And Jane Pak Center For Mineral Metabolism And Clinical Research, UT Southwestern Medical Center, Dallas, TX, USA



Pozdzik, Agnieszka , M.D., Ph.D

Kidney Stone Clinic- Nephrology Department, Centre Hospitalier Brugmann, Université Libre de Bruxelles (ULB), Bruxelles, Belgium

INVITED SPEAKERS



Sakhaee, Khashayar, M.D., Ph.D

Department Of Internal Medicine, Division Of Mineral Metabolism, Charles And Jane Pak Center For Mineral Metabolism And Clinical Research, UT Southwestern Medical Center Dallas, TX, USA



Le Gia Vinh, M.D., Ph.D

Chairman of Vietnam Medical Association



Vu Le Chuyen, M.D., Ph.D

Chairman of Vietnam Urology and Nephrology Association



Le Dinh Khanh, M.D., Ph.D

Hue University of Medicine and Pharmacy,
Vietnam Urology and Nephrology Association



Ha Phan Hai An, M.D., Ph.D

Vietnam Urology and Nephrology Association North



Nguyen Phuc Cam Hoang, M.D., Ph.D

Deputy Director of Binh Dan Hospital Ho Chi Minh city, Vietnam



Do Ngoc The, M.D

Urology Department, 108 Military Central Hospital, Hanoi, Vietnam

We cordially invite you to

2nd Symposium on Kidney Stone and Mineral Metabolism 2019

Day 1 – Evening

Wednesday, September 11, 2019

15h00 -16h30 **Registration**

16h45-17h00 **Welcome**

Mai Hong Bang (108 Military Central Hospital, Vietnam)

Anh Dung Hoang (Erasme Hospital, Université Libre De Bruxelles (ULB), Belgium)

Agnieszka Pozdzik (Université Libre de Bruxelles, Belgium)

Khashayar Sakhaee (UT Southwestern Medical Center Dallas, TX, USA)

17h00-17h30 **Kidney Stones Pathogenesis: Why, When And How To Assess Crystalluria**

Michel Daudon Ph.D (Hôpital Tenon, Paris, France)

17h30-18h00 **Nutrition And Kidney Stones**

Giovanni Gambaro, M.D., Ph.D. (University Of Verona, Verona, Italy)

18h00-18h30 **History of Vietnam Medicine**

Le Gia Vinh (Vietnam Medicine Association, Vietnam)

Day 2

Thursday, September 12, 2019

8h00 - 9h00 **Registration**

9h00 - 9h15 **Welcome**

Mai Hong Bang (108 Military Central Hospital, Vietnam)

Agnieszka Pozdzik (Université Libre de Bruxelles, Belgium)

Khashayar Sakhaee (UT Southwestern Medical Center Dallas, TX, USA)

Session 1: Overview

Chairmen: Naim Maalouf, Giovanni Gambaro, Vu Le Chuyen, Hoang Anh Dung

9h15 -9h45 **Kidney Stones Disease: Epidemiological Aspects In 2019**

Khashayar Sakhaee (UT Southwestern Medical Center, Dallas, TX, USA)

9h45 -10h15 **Morpho-Constitutional Classification Of Kidney Stones – An Useful Tool For Assessment of Lithogenesis**

Michel Daudon (Hôpital Tenon, Paris, France)

10h15 -10h45 **Metabolic Evaluation Of The Stone Patient: When And What Is Necessary To Do - Practical Guidelines**

Giovanni Gambaro, M.D., Ph.D. (University Of Verona, Verona, Italy)

10h45 -11h15 **Coffee Break**

Session2: Basic Pathophysiology

Chairmen: Emmanuel Letavernier, Khashayar Sakhaee, Ha Phan Hai An, Hoang Anh Dung

- 11h15 - 11h40** "Cell biology and néphrolithiasis"
Agnieszka Pozdzik (Université Libre De Bruxelles (ULB), Bruxelles, Belgium)
- 11h40 -12h05** Pathological Aspects Of Crystal Induced Nephropathy
Isabelle Brochériou (Hôpital Pitié-Salpêtrière, Paris, France)
- 12h05 -12h45** Determinants Of Randall's Plaque Formation
Emmanuel Letavernier (Hôpital Tenon, Paris, France)
- 12h45 -14h00** Lunch

Session 3: Calcium Oxalate Stones

Chairmen: Naim Maalouf, Giovanni Gambaro, Nguyen Văn An, Le Dinh Khanh

- 14h00 -14h20** Pathogenesis Of Calcium Stones
Khashayar Sakhaee (UT Southwestern Medical Center, Dallas, TX, USA)
- 14h20 -14h40** Nephrolithiasis From Vitamin D And Calcium Supplementation
Naim Maalouf (UT Southwestern Medical Center, Dallas, TX, USA)

Session 4: Challenging Kidney Stone Cases

Chairmen: Agnieszka Pozdzik, Khashayar Sakhaee, Nguyen Van An, Vu Le Chuyen

- 14h40 -15h00** Case from Italy
Giovanni Gambaro (University Of Verona, Verona, Italy)
- 15h00 -15h20** Case from USA
Naim Maalouf (UT Southwestern Medical Center, Dallas, TX, USA)
- 15h20 -15h40** Role of open surgery in the treatment of kidney stone: a report of case with infected stagorn calculi
Do Ngoc The (108 Military Central Hospital, Hanoi, Vietnam)
- 15h40 -16h00** Coffee Break

Session 5: Calcium Oxalate Stones In Special Cases

Chairmen: Isabelle Brocheriou, Naim Maalouf, Vu Le Chuyen, Ha Phan Hai An

- 16h00 -16h20** Enteric Hyperoxaluria An Underrecognized Risk Factor For Kidney Stones
Agnieszka Pozdzik (Université Libre De Bruxelles (ULB), Bruxelles, Belgium)
- 16h20 -16h40** Calcium Oxalate Stones in Other Disorders: Primary Hyperparathyroidism, Primary Hyperoxaluria, Hyperuricosuria
Naim Maalouf (UT Southwestern Medical Center, Dallas, TX, USA)

Session 6: How to approach lithogenesis in 2019

- 16h40 -17h20** **Why, How And When Analysis Of Kidney Stones Is Required?**
Michel Daudon (Hôpital Tenon, Paris, France)
- 17h20 -17h30** **Conclusions Day 2 - Main Points**
Drs Maalouf, Daudon And Gambaro, Vu Le Chuyen Ha Phan Hai An, Hoang Anh Dung, Nguyen Van An
- 19h30** **Dinner**

Day 3

Friday, September 13, 2019

- 8h45- 9h00** **Welcome**
Mai Hong Bang (108 Military Central Hospital, Vietnam)
Agnieszka Pozdzik (Université Libre de Bruxelles, Belgium)
Khashayar Sakhaee (UT SoUThwestern Medical Center Dallas, TX, USA)

Session 1: Other Stones Types

Chairmen: Vu Le Chuyen, Ha Phan Hai An, Isabelle Brocheriou, Khashayar Sakhaee

- 9h00 -9h30** **Calcium Phosphate Stones**
Emmanuel Letavernier (Hôpital Tenon, Paris, France)
- 9h30 -10h0** **Minimally invasive surgical treatment for kidney stone disease**
Nguyen Phuc Cam Hoang (Binh Dan Hospital, Hochiminh City, Vietnam)
- 10h00 -10h30** **Recent Advances In Pathophysiology And Medical Treatment Of Uric Acid Stones**
Khashayar Sakhaee (UT Southwestern Medical Center, Dallas, TX, USA)
- 10h30 -11h00** **Drugs And Exogen Substances Related Kidney Stones – New Methods For Adequate Diagnosis**
Michel Daudon (Hôpital Tenon, Paris, France)
- 11h00 -11h15** **Coffee Break**

Session 2: Genetics

Chairmen: Hoang Anh Dung, Le Dinh Khanh, Carl Van Haute, Naim Maalouf

- 11h15 - 11h40** **How To Improve The Identification Of Tissue Crystals And Of Challenging Crystalluria?**
Michel Daudon (Hôpital Tenon, Paris, France)
- 11h40 -12h05** **Monogenic Disorders And Nephrolithiasis**
Giovanni Gambaro (University Of Verona, Verona, Italy)
- 12h05 -12h30** **Rare Genetic Kidney Stones Such As Cystinuria**
Emmanuel Letavernier (Hôpital Tenon, Paris, France)
- 12h30 -14h00** **Lunch**

Session 3: Kidney Stones As A Systemic Disorder

Chairmen: Vu Le Chuyen, Le Dinh Khanh, Giovanni Gambaro, Khashayar Sakhaee

- 14h00 -14h20 Diabetes And Nephrolithiasis**
Michel Daudon (Hôpital Tenon, Paris, France)
- 14h20 -14h40 Cardio Vascular Risk In Kidney Stone Formers**
Giovanni Gambaro (University Of Verona, Verona, Italy)
- 14h40 -15h00 Kidney Stones Disease: Underestimated Risk Factors For Chronic Kidney Disease**
Agnieszka Pozdzik (Université Libre De Bruxelles (ULB), Bruxelles, Belgium)
- 15h00 -15h20 Kidney Stones Disease: Underestimated Risk Factors For Chronic Kidney Disease**
Naim Maalouf (UT Southwestern Medical Center, Dallas, TX, USA)
- 15h20 -15h40 Coffee Break**

Session 4: Challenging Kidney Stone Cases

Chairmen: Do Truong Thanh, Nguyen Phuc Cam Hoang, Giovanni Gambaro, Khashayar Sakhaee,

- 15h40 -16h00 Case from France**
Emmanuel Letavernier (Hôpital Tenon, Paris, France)
- 16h00 -16h20 Case from Vietnam**
Le Dinh Khanh (Hue university of medicine and pharmacy, Vietnam urology and nephrology Association (VUNA))
- 16h20 -16h40 Case from Belgium**
Carl Van Haute (Université Libre De Bruxelles (ULB), Bruxelles, Belgium)

Session 5: Diagnostic And Management

Chairmen: Nguyen Phuc Cam Hoang, Do Truong Thanh, Naim Maalouf, Emmanuel Letavernier

- 16h40 -17h05 Urological Assessment Of Patient With Kidney Stones**
Vu Le Chuyen (Vietnam urology and nephrology Association (VUNA))
- 17h05 -17h30 Algorithm For Identification Of Crystals In Kidney Biopsy**
Isabelle Brochériou (Hôpital Pitié-Salpêtrière, Paris, France)
- 17h30 -17h55 Medical Measures For The Secondary Prevention Of Nephrolithiasis – Actualized Guidelines**
Khashayar Sakhaee (UT Southwestern Medical Center, Dallas, TX, USA)
- 17h55 -18h10 Conclusions Day 3 & Perspectives—End Of The Symposium**
Drs G. Gambaro and K. Sakhaee, Vu Le Chuyen, Nguyen Phuc Cam Hoang, Ha Phan Hai An
- 20h00 Congress Dinner & Cultural Program**