CME COURSE: MULTIDISCIPLINARY MANAGEMENT OF INHERITED KIDNEY DISEASES

An introductory/intermediate course focused on inherited kidney disorders

Organized by:
Nephrology Department. Fundació Puigvert
Director Dr. J. Ballarín

Course Director:
Dr. R. Torra, Nephrology Department. Fundació Puigvert

Total duration of course: 13 hours

Auditorium Fundació Puigvert
C/ Cartagena, 340 / 08025 Barcelona (Spain)

21-22 September 2017
Learning objectives

• To understand the need for multidisciplinary management of inherited kidney diseases
• To gain novel insights into multisystem inherited kidney diseases
• To take advantage of case discussions and meeting with expert faculty to discuss multidisciplinary management of inherited kidney diseases
• To learn about the role of neurologists, ophthalmologists, ENT specialists, cardiologists, dermatologists and urologists in the global management of multisystem inherited kidney diseases
• To understand the role of the case manager nurse
• To review disease pathogenesis and implications for therapeutic developments

Area

• Basic and Clinical Nephrology

Audience

• Adult and paediatric nephrologists with interest in inherited kidney diseases
• Geneticists
• Trainees in nephrology, paediatric, internal medicine, genetics
• PhD students
• Post docs

Duration and type of course

• One day and a half, with a total of 13 hours of teaching. Lectures will be given by local and international experts in the field. Case discussions will allow active participation of attendees. Breaks and course dinner will be occasions for informal interactions in a relaxed setting.
• Lecture slides will be made available on-line through the WGIKD page on the EDTA website.

Information

• Venue
  Auditorium Fundació Puigvert
  c/ Cartagena, 340-350.
  08025 Barcelona (Spain)

• Dates
  21-22 September 2017

• Total duration of course: 13 hours

Registration:

• Free registration with express confirmation from Fundació Puigvert.
  nvinolas@fundacio-puigvert.es
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This course is part of the continuing education activities of the EDTA (European Dialysis and Transplant Association) Working Group on Hereditary Renal Diseases. It is also part of the continuing education activity of the Spanish Nephrology Association (Working Group on Hereditary Renal Diseases) and the Renal Investigation Network (Red de Investigación Renal - RedInRen). It has been accredited by the European and National continuing education bodies.

Hereditary renal diseases is an area within Nephrology that is becoming increasingly important. Advances in genomics on the one hand, and new therapies on the other, have brought this disease to the forefront; furthermore, we must not forget that 12% of patients requiring renal replacement therapy have an inherited kidney disease.

All inherited kidney diseases are low prevalence diseases and most are considered rare, with a prevalence of less than 5/10,000 inhabitants. These diseases are relative unknown among medical professionals.

The aim of this course is to thoroughly review inherited kidney diseases with systemic involvement.

A first cross-sectional part of the course will analyse the need to address these diseases from a systemic point of view and review the need for multidisciplinary teams and the case manager figure. It will also explain the process of development of orphan drugs as well as the application of new genomic techniques in the study of inherited kidney diseases.

Fabry disease, Alport syndrome, cystinosis, von Hippel-Lindau disease, Bardet-Biedl syndrome and tuberous sclerosis will be thoroughly reviewed.

In a session focussed on the pathogenesis of these diseases the dysfunction of lysosomes in lysosomal storage diseases, the role of tumour suppressor genes in von Hippel-Lindau disease and tuberous sclerosis, and the relevance of the glomerular basement membrane in Alport syndrome will be analysed.

Finally, the specialists will explain the involvement of each specific organ in the different inherited kidney diseases and their management.

This course will comprise lectures given by a prominent panel of experts in each of the areas. For the organizers it will be a great source of fulfillment if attendees, participants and professors meet their scientific expectations and enjoy a pleasant stay with us.

Course Director
Roser Torra
Thursday / September 21

11.30 - 11.45
Registration

11.45 - 12.00
Welcome
Helena Isábal, Pilar Magrinyà, Roser Torra

SESSION I
GENERAL MANAGEMENT OF MULTISYSTEM IKD

Chair: Manel Fontanet
12.00 - 12.20
- Introduction to systemic inherited diseases with renal involvement. Why do we need multidisciplinary teams?
  Roser Torra
12.20 - 12.50
- Orphan drugs. Josep Torrent Farnell
12.50 - 13.10
- Role of the case manager.
  Anna Matamala
13.10 - 13.40
- Genetic diagnoses of IKD
  Nine Knoers

13.40 - 14.40
Lunch

SESSION II
OVERVIEW OF MULTISYSTEM IKD

Chair: Elisabet Ars
14.40 - 15.10
- Fabry disease. David Arroyo
15.10 - 15.40
- Alport syndrome. Mónica Furlano
15.40 - 16.10
- Cystinosis. Francesco Emma

16.10 - 16.40
Break

Chair: Susana Boronat
16.40 - 17.10
- Von Hippel Lindau disease.
  Rachel Gilles
17.10 - 17.40
- Bardet-Biedl syndrome. Elisabeth Forsythe
17.40 - 18.10
- Tuberous sclerosis. Gema Ariceta
18.10 - 18.40
- Case discussion: Alport, Fabry, Cystinosis, BB, TSC, VHL

Departure for dinner
Friday / September 22

SESSION III
INSIGHTS INTO THE PATHOPHYSIOLOGY OF MULTISYSTEM IKD

Chair: Guillem Pintos

09.00 - 09.30
- The lysosome and its misfunction. Fabry disease and cystinosis. Alberto Ortiz

09.30 - 10.00
- Tumour suppressor genes. TSC and VHL. Rachel Gilles

10.00 - 10.30
- The relevance of the GBM. Alport and Goodpasture syndromes. Juan Saus

10.30 - 11.00
Break

SESSION IV
MULTIDISCIPLINARY TEAMS

Chair: Roser Francisco

11.00 - 11.30
- The example of the Bardet-Biedl clinic. Elisabeth Forsythe

11.30 - 12.00
- IKD from the point of view of the ophthalmologist. Jaume Crespi

12.00 - 12.20
- IKD from the point of view of the ENT specialist. M del Prado Venegas

12.20 - 12.45
- Radiological assessment of IKD. Teresa Martí

12.45 - 13.45
Lunch

Chair: Nadia Ayasreh

13.45 - 14.15
- IKD from the point of view of the neurosurgeon/neurologist. Fernando Muñoz, Joan Martí

14.15 - 14.40
- IKD from the point of view of the dermatologist. Esther Roe

14.40 - 15.05
- IKD from the point of view of the pulmonologist. Diego Castillo

15.05 - 15.35
Break

Chair: Laia Sans

15.35 - 16.00
- Nephron sparing surgery. Its use in IKD. Oscar Rodríguez-Faba

16.00 - 16.25
- IKD from the point of view of the cardiologist. Xavier Garcia-Moll

16.25 - 16.55
- Keys for setting up multidisciplinary teams. Closing remarks. Roser Torra
Gema Ariceta. Hospital Vall Hebrón, Barcelona (Spain)

David Arroyo. Hospital Arnau de Vilanova, Lleida (Spain)

Elisabet Ars. Fundació Puigvert, Barcelona (Spain)

Nadia Ayasreh. Fundació Puigvert, Barcelona (Spain)

Susana Boronat. Hospital Vall Hebrón, Barcelona (Spain)

Diego Castillo. Hospital de Sant Pau, Barcelona (Spain)

Jaume Crespí. Hospital de Sant Pau, Barcelona (Spain)

Maria del Prado Venegas. Hospital de Sant Pau, Barcelona (Spain)

Francesco Emma. Ospedale Pediatrico Bambino Gesù, Roma (Italy)

Manel Fontanet. Hospital de Sant Pau, Barcelona (Spain)

Elisabeth Forsythe. UCL, London (UK)

Roser Francisco. CATSALUT, Barcelona (Spain)

Mónica Furlano. Fundació Puigvert, Barcelona (Spain)

Xavier Garcia-Moll. Hospital de Sant Pau, Barcelona (Spain)

Rachel Gilles. University Medical Centre Utrecht (The Netherlands)

Helena Isábal. Fundació Puigvert, Barcelona (Spain)

Nine Knoers. University Medical Centre Utrecht (The Netherlands)

Pilar Magrinyà. Generalitat de Catalunya, Barcelona (Spain)

Joan Martí. Hospital de Sant Pau, Barcelona (Spain)

Teresa Martí. Fundació Puigvert, Barcelona (Spain)

Anna Matamala. Fundació Puigvert, Barcelona (Spain)

Fernando Muñoz. Hospital de Sant Pau, Barcelona (Spain)

Alberto Ortiz. Fundación Jiménez Díaz, Madrid (Spain)

Guillem Pintos. Hospital Germans Trias i Pujol, Badalona (Spain)

Oscar Rodríguez-Faba. Fundació Puigvert, Barcelona (Spain)

Esther Roe. Hospital de Sant Pau, Barcelona (Spain)

Laia Sans. Hospital del Mar, Barcelona (Spain)

Juan Saus. Valencia University Medical School (Spain)

Roser Torra. Fundació Puigvert, Barcelona (Spain)

Josep Torrent Farnell. CATSALUT, Barcelona (Spain)
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UEMS accreditation requested

Fundació Puigvert
C/ Cartagena, 340 / 08025 Barcelona
Tel. 93 416 97 32 / Fax 93 416 97 30
nvinolas@fundacio-puigvert.es
www.fundacio-puigvert.es

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