

# 2019 CRRT Master Class

By the ESICM AKI Section

# 2019 CRRT PG COURSE: Evaluation

- Fully attended
- Feedback:
  - Industry: positive willing to continue to support this format
  - Faculty: positive
  - Participants: very positive, formal feedback to be gathered (survey monkey?)

# KEYWORDS

- BASIC
- PRACTICAL
- INTERACTIVE

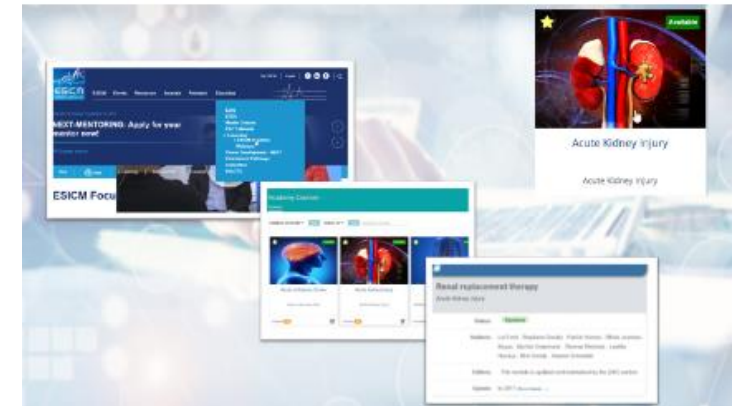
# SIGNING UP

- 50 participants
- Through the ESICM registration system
- Doctors and nurses welcome

# STRUCTURE

- Precourse reading and Test
- One day Class
- 50 Participants
- Doctors and nurses

Following the ESICM e- learning RRT module prior to the course is HIGHLY RECOMMENDED



# Faculty

- Ten CRRT enthusiasts
- All participated to the ESICM meeting



# Industry

- Two major CRRT companies
- Provide:
  - one or two demonstration devices
  - a demonstrator for the workshops.
- Demonstrators involved in “machine setup” workshop
- No commercial message allowed.

# STRUCTURE

- «Plenary» sessions:
  - Formal Teaching
  - Interactive Cases
- Group sessions (6 groups / 6 machines)
  - Hands-on sessions
  - Workshops





09:00



12:30

BACKGROUND .....

HANDS-ON SESSION .....

INTERACTIVE PRESENTATIONS .....

Introduction and Terminology  
Principles and Modalities

CRRT machines setup

How to keep the filter patent?  
Vascular Access

09:00

BACKGROUND .....

Introduction and Terminology  
Principles and Modalities

**HANDS-ON SESSION .....**

CRRT machines setup

12:30

INTERACTIVE PRESENTATIONS .....

How to keep the filter patent?  
Vascular Access



09:00

BACKGROUND .....

Introduction and Terminology  
Principles and Modalities

**HANDS-ON SESSION** .....

CRRT machines setup

12:30

INTERACTIVE PRESENTATIONS .....

How to keep the filter patent?  
Vascular Access

*Lunch Break*

13:15

**WORKSHOPS** .....

Regional citrate anticoagulation  
Alarms troubleshooting

INTERACTIVE CASE PRESENTATIONS.....

«RRT Timing» and  
«Other things to worry  
about when I do CRRT»

16:30

CONCLUSIONS and answers to the test

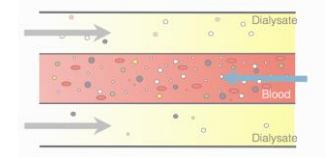
# Comments

- Multidisciplinary: doctors and nurses
- Industry involvement



# 2020 CRRT PG COURSE: Potential improvements

- Contracts with companies need to be done earlier
- Only two companies this year (four last year)
- Overlaps between first two talks



# CRRT Master Class

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# Bruxelles MAsterClass

- 2 days format: 11h to 17h ; 9h to 15h
- Pre-course material sent 1 Mo before including e-learning and references...
- Pre-course AND post course test (evaluation of retention)
- 7 to 10 faculty
- Interactive sessions and plenary sessions
- Implications of CAE (Stefan Monk) for simulations (catheter insertion, pressures simulations...)

- Indications
  - Timing Initiation
  - Ethical issues
  - Termination
  - Transition
- Modality / Dose
  - IRRT vs CRRT vs Hybrid
  - CVVH vs CVVHD vs CVVHDF
  - IRRT: what non nephrologists need to know?
- Circuit: 1
  - Catheter
  - Filter
  - IRRT circuits
- Circuit 2
  - alarms
  - ECMO
- Anticoagulation
  - Citrate
  - Heparin
  - Concept of filtration fraction
  - Clotting vs clogging
  - No anticoagulation
- Quality
  - Specific issues
  - Nutrition
  - Antibimicrobials
  - Hypothermia
  - Electrolytes (hypophosphatemia...) hyponatremia...
  - Locking / tego
  - How to assess quality?