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
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

BACKGROUND ........................................

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

INTERACTIVE PRESENTATIONS ..............

Introduction and Terminology
Principles and Modalities

CRRT machines setup

How to keep the filter patent?
Vascular Access

12:30
09:00

BACKGROUND ........................................

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

INTERACTIVE PRESENTATIONS ..........

12:30

Introduction and Terminology
Principles and Modalities

CRRT machines setup

How to keep the filter patent?

Vascular Access
09:00

- BACKGROUND

12:30

- HANDS-ON SESSION

13:15

- INTERACTIVE PRESENTATIONS

- Lunch Break

16:30

- WORKSHOPS

- INTERACTIVE CASE PRESENTATIONS

- CONCLUSIONS and answers to the test

- Introduction and Terminology
- Principles and Modalities

- CRRT machines setup

- How to keep the filter patent?

- Vascular Access

- Regional citrate anticoagulation
- Alarms troubleshooting

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

• Multidisciplinarity: 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

By the ESICM AKI Section
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?