

Winter Schools 2019

July 1st to 5th, 2019

Campinas State University (UNICAMP), Campinas, Brazil

- I. Title: Acute kidney injury and point of care ultrasound together!

- II. General description:

Improve your knowledge in one of the most complex syndromes and learn how point of care ultrasound can help you diagnose and treat it better.

- III. Workshop objectives

The main objective of the workshop is increase concepts of acute kidney injury (AKI) and how point of care ultrasound (POCUS) can be used to better evaluate and treat it.
 - a. Understand the kidney anatomy and AKI pathophysiology
 - b. Clinical and dialytic approach to AKI
 - c. The relationship between AKI and sepsis
 - d. Learn principles of POCUS
 - e. Differ acute and chronic kidney disease characteristics in ultrasound
 - f. Improve the evaluation of volemic status in AKI by using POCUS

- IV. Teaching methods
 - a. Seminars
 - b. Hands on sessions
 - c. Guided visits in clinical wards
 - d. Cases discussions

- V. Evaluation
 - a. Minimal attendance: 80%

- VI. Professors responsible for the workshop
Rodrigo Bueno de Oliveira
Thiago Martins Santos

- VII. Who should attend?
- a. Medical students with pre-clinical knowledge
 - b. Residents and graduated physicians

VIII. One-week schedule

Monday, July 1st, 2019

Time	Theme
08:00 – 08:15	Welcome
08:15 – 09:00	AKI definition and epidemiology
09:00 – 10:00	Kidney anatomy and AKI pathophysiology
10:00 – 10:30	Interval
10:30 – 12:00	AKI diagnosis and clinical approach
12:00 – 14:00	Lunch break
14:00 – 14:45	US principles and point of care applications
14:45 – 15:00	Interval
15:00 – 16:00	Vascular access
16:00 – 16:30	Dialysis access particularities

AKI: Acute kidney injury; US: ultrasound

Tuesday, July 2nd

Time	Theme
08:00 – 12:00	Hands on – Vascular access
12:00 – 14:00	Lunch break
14:00 – 15:00	Dialysis indications in AKI and emergency criteria
15:00 – 15:50	Renal replacement therapy methods in AKI
15:50 – 16:10	Interval
16:10 – 17:00	AKI in sepsis

Wednesday, July 3th

Time	Theme
08:00 – 10:30	Guided visit in clinical wards
10:30 – 11:00	Interval
11:00 – 12:00	Case discussion
12:00 – 14:00	Lunch break
14:00 – 15:00	US differences in acute and chronic kidney disease
15:00 – 15:15	Interval
15:15 – 16:15	Hands on – US differences in acute and chronic kidney disease
17:00 – 20:30	AKI International Symposium

Thursday, July 4th

Time	Theme
08:00 – 12:00	Volemic status evaluation in AKI
12:00 – 13:30	Lunch break
13:30 – 16:30	Hands on – Volemic status evaluation in AKI
17:00 – 20:30	AKI International Symposium

Friday, July 5th

Time	Theme
08:00 – 10:30	Guided visit in clinical wards
10:30 – 11:00	Interval
11:00 – 12:00	Case discussion
	Free afternoon

(The participation of Fellow physicians or Physicians is restricted to the availability of remaining vacancies; (2) in these categories there are no hosting sponsorship or other financial incentives)