

Adult and Pediatric Critical Care Medicine
Update Symposium
May 6-8, 2010

Course Description:

This symposium will cover updates on different critical care topics and emerging concepts in critical care of both adults and pediatrics. It will include a combination of didactic lectures, interactive sessions, workshops and pro-con debates.

Targeted Audience

- ⊙ Physicians who are caring for adult and pediatric critically ill patients
- ⊙ Adult and pediatric critical care practitioners
- ⊙ Critical care and pulmonary fellows in training in both adult and pediatric fields
- ⊙ Internal medicine, anesthesia, surgery, pediatric and emergency room residents in training.
- ⊙ Nurses who are interested in higher level of knowledge

Course Directors:

1. Hachem Daadouch
2. Nabil Abuchala
3. Jihad Zahraa

Speakers & Participants

1. Ahmad Al-Khani
2. Ammar Hakeem
3. Ashraf Nadeem
4. Ashraf Tarifi
5. Ghada Alzayer
6. Ghyath Jamil
7. Hachem Daadouch
8. Hassan Al-Farra
9. Hussain Al-Awadhi
10. Jihad Zahraa
11. M. Saleem Kabbani
12. Mazen Kherallah
13. Mohammad Shaaban
14. Mohammed Zeitouni
15. Nabil Abouchala
16. Naem Shahrouf
17. Nawarra Faran
18. Osama Al-ahmad
19. Raed Kolko
20. Salem Al-Halabi
21. Suaad Alswaimeal

Course Program:

Thursday May 6, 2010

Morning Sessions			
8:00-8:30	Registration		
8:30-9:00	Opening Remarks		
Session I: Evidence Based Critical Care Medicine		Chairman: Shahroor	
9:00-9:30	Critical care medicine: Past present and future	Abouchala	
9:30-10:00	Information Mastery	Kherallah	
10:00-10:30	CAT	Abouchala	
10:30-10:45	Coffee Break		
Session II: Respiratory Critical Care		Chairman: Zahraa	
10:45-11:15	ARDS update	Kherallah	
11:15-11:45	Severe asthma	Shahroor	
11:45-12:15	Massive pulmonary embolism	Abouchala	Peds Break
Session III: Pediatric Neurology Critical Care		Chairman: Daadouch	
12:15-12:45	CNS infections: controversies in the management	Zahraa	Lunch Break (Adults)
12:45-13:15	Status Epilepticus management in pediatrics	Kabbani	
13:15-13:45	Near drowning & HIE: Can we help?	Osama	
Session III: Adult Neurology Critical Care		Chairman: Abouchala	
13:45-14:15	Management of subarachnoid hemorrhage in the ICU	Khani	Lunch Break (Pediatrics)
14:15-14:45	Hypothermia post cardiac arrest	Tarifi	
14:45-15:15	Current trends in ICU management of closed head injury	Khani	
Session VI: Nephrology Electrolyte and Metabolism		Chairman: Kherallah	
15:15-15:45	Hospital acquired hyponatremia	Zahraa	
15:45-16:15	Acute Kidney Injury in PICU: Management challenges	Kabbani	
16:15-16:45	DKA & glucose homeostasis Disorders in PICU	Zahraa	
16:45-17:00	Coffee Break		
Session V: Critical Care Year in Review		Chairman: Zahraa	
17:00-17:30	Year in Review I	Kherallah	
17:30-18:00	Year in Review II	Abouchala	
18:00-18:30	Year in Review III	Kherallah	

Friday May 7, 2010

Morning Sessions		
Session VI: End of Life Critical Care		Chairman: Kabbani
8:30-9:00	Caring for dying patient in ICU and family approach	Kherallah
9:00-9:30	Futile care in PICU: The grey zone	Zahraa
9:30-10:00	Brain Death Diagnosis and Management	Jamil
10:00-10:15	Coffee Break	
Session VII: Infections in ICU		Chairman: Jamil
10:15-10:45	VAP: Diagnoses, biomarkers, choice of antibiotic therapy, optimal duration, prevention strategies	Awadhi
10:45-11:15	Use of ICU bundles: CVC, VAP prevention	Tarifi
11:15-11:45	Treatment of invasive candida infection in ICU	Kherallah
11:45-12:15	Challenges with resistant organisms in ICU	Awadhi
12:15-14:00	Lunch and Prayer Break	

Pediatrics Afternoon Sessions			
	Pediatric Workshops Rooms 5-6		Interactive Sessions
Location	Room 5	Room 6	Auditorium
Groups	Group P1	Group P2	Group P3 and P4
Moderators	Zahraa/Alfarra/ Kabbani/Osama/Suaad	Kabbani/Osama/ Alfarra/Zahraa/Suaad	Kherallah
14:00-14:30	Inotropes and vasopressors. What is the right choice for my patient? (Zahraa)	Bubble CPAP (Kabbani/Osama)	How to read ventilator waveforms
14:30-15:00	Mechanical Ventilation troubleshooting (Zahraa/Suaad)	X-ray interpretation in PICU (Osama/Kabbani)	Practical application of equation of motion
15:00-15:30	Management of TBI: Case discussion (Zahraa)	Myocarditis/ Rhythm Disturbances in PICU (Hassan Al-Farra)	Practical tips in applying mechanical ventilation
15:30-15:45	Break		
15:45-16:15	Myocarditis/ Rhythm Disturbances in PICU (Hassan Al-Farra)	Inotropes and vasopressors. What is the right choice for my patient? (Zahraa)	Selection of empiric antibiotic regimen in a hospital acquired infection (including ESBL and MDR)
16:15-16:45	X-ray interpretation in PICU (Kabbani/Osama)	Mechanical Ventilation troubleshooting (Zahraa/Suaad)	Selection of empiric antibiotic regimen in a community acquired infection (including CA-MRSA)
16:45-17:15	Bubble CPAP (Osama/Kabbani)	Management of TBI: Case discussion (Zahraa)	Practical application of Antibiotic pharmacokinetics in ICU
17:15-17:30	Break		

Adult Afternoon Sessions					
	Adult Workshops Groups A1, A2, A3 and A4				Interactive Sessions Groups A5, A6, A7 and A8
Location	Room 1	Room 2	Room 3	Room 4	Auditorium
Topic	Noninvasive Ventilations: Optimal utilization and tips for success	Bedside percutaneous tracheostomy	Traditional modes of mechanical ventilation	Pressure regulated volume control ventilation	Simulation and Cases
Moderators	Tarifi	Abouchala	Nadeem/ Ghada	Shaaban/ Nawarra	Kherallah
14:00-14:45	Group A1	Group A2	Group A3	Group A4	How to read ventilator waveforms Practical application of equation of motion Practical tips in applying mechanical ventilation
14:45-15:30	Group A2	Group A3	Group A4	Group A1	
15:30-15:45	Coffee Break				
15:45-16:30	Group A3	Group A4	Group A1	Group A2	Selection of empiric antibiotic regimen in a hospital and community acquired infections Antibiotic pharmacokinetics in ICU
16:30-17:15	Group A4	Group A1	Group A2	Group A3	
17:15-17:30	Coffee Break				

Session VIII: Late Session 17:30-18:00	
Intensive Care and Emergency Medicine Brussels Meeting 2010 Update	Awadhi

Saturday May 8, 2010

Morning Sessions			
8:00-8:30	ICU without walls: Role of rapid response team	Awadhi	
Session IX: Severe Sepsis Updates		Chairman: Daadouch	
8:30-9:00	Early goal directed therapy	Jamil	
9:00-9:30	Use of corticosteroids in septic shock	Awadhi	
9:30-10:00	Pediatric consideration in the management of severe sepsis	Ammar Hakeem	
10:00-10:15	Coffee Break		
Session X:	Miscellaneous	Chairman: Kherallah	
10:15-10:45	Oncologic emergencies in children	Zahraa	
10:45-11:15	Pediatric cardiac emergencies	Kabbani	
11:15-11:45	Nutrition in ICU	Abouchala	
11:45-12:00	Coffee Break	Lunch Break (Peds) = 1 hr	
Session XI	Sedation in ICU		Chairman: Kabbani
12:00-12:30	Assessment of agitated patient		Kherallah
12:30-13:00	Wake up and Breath		Jamil
13:00-13:30	Sedation and analgesia in PICU	Zahraa	Lunch Break (Adult) = 1 hr
13:30-14:00			

Pediatrics Afternoon Sessions			
	Pediatric Workshops Rooms 5-6		Interactive Sessions
Location	Room 5	Room 6	Auditorium
Groups	Group P3	Group P4	Group P1 and P2
Moderators	Zahraa/Alfarra/ Kabbani/Osama/Suaad	Kabbani/Osama/ Alfarra/Zahraa/Suaad	Kherallah
14:00-14:30	Inoropes and vasopressors. What is the right choice for my patient? (Zahraa)	Bubble CPAP (Osama)	How to read ventilator waveforms
14:30-15:00	Mechanical Ventilation troubleshooting (Zahraa/Suaad)	X-ray interpretation in PICU (Osama)	Practical application of equation of motion
15:00-15:30	Management of TBI: Case discussion (Zahraa)	Myocarditis/ Rhythm Disturbances in PICU (Hassan Al-Farra)	Practical tips in applying mechanical ventilation
15:30-15:45	Break		
15:45-16:15	Myocarditis/ Rhythm Disturbances in PICU (Hassan Al-Farra)	Inoropes and vasopressors. What is the right choice for my patient? (Zahraa)	Selection of empiric antibiotic regimen in a hospital acquired infection (including ESBL and MDR)
16:15-16:45	X-ray interpretation in PICU (Osama)	Mechanical Ventilation troubleshooting (Zahraa/Suaad)	Selection of empiric antibiotic regimen in a community acquired infection (including CA-MRSA)
16:45-17:15	Bubble CPAP (Osama)	Management of TBI: Case discussion (Zahraa)	Practical application of Antibiotic pharmacokinetics in ICU
17:15-17:30	Break		

Adult Afternoon Sessions					
	Adult Workshops Groups A5, A6, A7 and A8				Interactive Sessions Groups A1, A2, A3 and A4
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Topic	Noninvasive Ventilations: Optimal utilization and tips for success	Bedside percutaneous tracheostomy	Traditional modes of mechanical ventilation	Pressure regulated volume control ventilation	Simulation and Cases
Moderators	Jamil	Abouchala	Nadeem/ Ghada	Shaaban/ Nawarra	Kherallah
14:00-14:45	Group A5	Group A6	Group A7	Group A8	How to read ventilator waveforms Practical application of equation of motion Practical tips in applying mechanical ventilation
14:45-15:30	Group A6	Group A7	Group A8	Group A5	
15:30-15:45	Coffee Break				
15:45-16:30	Group A7	Group A8	Group A5	Group A6	Selection of empiric antibiotic regimen in a hospital and community acquired infections Antibiotic pharmacokinetics in ICU
16:30-17:15	Group A8	Group A5	Group A6	Group A7	
17:15-17:30	Coffee Break				

Session XI: Pro and Con Debate Session 17:30-18:00		
	Pro	Con
Use of corticosteroids in ARDS	Abouchala	Kherallah