



Interactive Theoretical-Practical Course

**ACID-BASE EQUILIBRIUM:
TO REMEMBER YOU NEED TO UNDERSTAND!**

Course Director: L. Gattinoni | Max 80 participants

**AMBER HALL 8****Tuesday December 8**

8.30	Registration	14.00	Metabolic acidosis: diagnosis and treatment with alkalinizing agents P. Caironi
8.45	Opening greetings and presentation of the Course L. Gattinoni	14.20	Metabolic alkalosis: what produces and what maintains it T. Langer
9.00	Warm-up case T. Langer	14.40	Respiratory acidosis: when and how to correct L. Gattinoni
9.10	Physiology and pathophysiology of gas exchange L. Gattinoni	15.00	Respiratory alkalosis and carbon dioxide stores of the body L. Gattinoni
9.45	Physicochemical approach to acid-base equilibrium: advantages and limitations P. Caironi	15.20	Acid-base alterations induced by intravenous fluid therapy P. Caironi
10.15	Classic approach to acid-base equilibrium: what does the Henderson-Hasselbalch equation really mean? L. Gattinoni	15.40	COFFEE BREAK
10.45	How does the blood gas analyzer work? Pre-analytical errors and meaning of the measured/calculated variables T. Langer	16.00	Cerebrospinal fluid acid-base equilibrium T. Langer
11.15	COFFEE BREAK	16.20	Diuretic-induced acid-base disorders P. Caironi
11.30	Key role of arterio-venous blood gas analysis to understand respiratory and cardiocirculatory physiology L. Gattinoni	16.40	INTERACTIVE CLINICAL CASES: Part 2 T. Langer, P. Caironi, L. Gattinoni
11.50	How to differentiate between acute and chronic respiratory disorders T. Langer	<i>End of the ECM Program</i>	
12.10	INTERACTIVE CLINICAL CASES: Part 1 T. Langer, P. Caironi, L. Gattinoni	17.40	Technological evolution in hemogasanalysis* D. Colombo <i>*Lecture Not included in the ECM program</i>
13.10	LUNCH BREAK	18.00	APERITIF
		18.10	Course closure - L. Gattinoni

The Course includes an interactive discussion of clinical scenarios with voting. Interactive voting is possible through the app **Poll Everywhere** (<https://www.poll everywhere.com/mobile>) or by linking at <https://pollev.com/thomaslanger673>.

info ECM

PROVIDER:
Start Promotion Srl - Provider standard ID622

ID EVENTO:
290519

OBIETTIVO NAZIONALE DI RIFERIMENTO:
Linee guida - Protocolli - Procedure (2)

DESTINATARI FORMAZIONE: - **Medico Chirurgo.** Discipline: Anestesia e Rianimazione, Biochimica Clinica, Cardiocirurgia, Cardiologia, Chirurgia Generale, Chirurgia Pediatrica, Chirurgia Toracica, Chirurgia Vascolare, Cure Palliative, Ematologia, Endocrinologia, Farmacologia e Tossicologia Clinica, Gastroenterologia, Geriatria, Ginecologia e Ostetricia, Malattie dell'Apparato Respiratorio, Malattie Infettive, Malattie Metaboliche e Diabetologia, Medicina dello Sport, Medicina e Chirurgia di Accettazione e di Urgenza, Medicina Fisica e Riabilitazione, Medicina Interna, Medicina Generale (Medici di Famiglia), Medicina Trasfusionale, Nefrologia, Neonatologia, Neurochirurgia, Neurologia, Oncologia, Patologia Clinica (Laboratorio di Analisi Chimico-Cliniche e Microbiologia), Pediatria (Pediatri di Libera Scelta), Pediatria, Urologia. - **Veterinario.** Discipline: Sanità Animale.

CREDITI ASSEGNATI: 7 CREDITI PER L'ANNO 2020

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