CME365

Explained Clearly Bundle				
Activity Title		**Expiration**	**Credits**	**Rx Hours**
Antibiotics Explained Clearly		8/5/2028	3	3
Asthma Explained Clearly		1/12/2027	1.25	0.5
BMP/Chem-7 Results Explained Clearly		11/6/2029	7	0
CBC Results Explained Clearly		4/1/2027	5	0
EKG/ECG Interpretation Explained Clearly: A Clinical Approach		2/6/2029	17	1
Evaluation of Acute Abdominal Pain Explained Clearly		8/5/2029	1.5	0
Medical Acid Base Explained Clearly Volume 2		6/9/2029	3	0
Pneumothorax and Chest Tube Explained Clearly		10/10/2027	2.75	0
Pulmonary Function Test Explained Clearly		3/14/2027	2	0
Sleep Apnea Explained Clearly		10/14/2029	4	0
Urinalysis Explained Clearly		6/21/2029	3	0
Ultrasound Principles and Instrumentation Explained Clearly		12/9/2027	4	0
		Total:	53.5	4.5

Antibiotics Explained Clearly		
Session	**Title**	**Faculty**
Session 1 (11 minutes)	Penicillins Explained Clearly	Roger Seheult, MD
Session 2 (12 minutes)	Cephalosporins Explained Clearly	Roger Seheult, MD
Session 3 (12 minutes)	Fluoroquinolones Explained Clearly	Roger Seheult, MD
Session 4 (11 minutes)	Macrolides Explained Clearly	Roger Seheult, MD
Session 5 (8 minutes)	Tetracyclines Explained Clearly	Roger Seheult, MD
Session 6 (9 minutes)	Aminoglycosides Explained Clearly	Roger Seheult, MD
Session 7 (6 minutes)	Monobactams and Carbapenems Explained Clearly	Roger Seheult, MD
Session 8 (6 minutes)	Vancomycin Explained Clearly	Roger Seheult, MD
Session 9 (11 minutes)	Trimethoprim/sulfamethoxazole (Bactrim, Septra) Video 1	Roger Seheult, MD
Session 10 (7 minutes)	Trimethoprim/sulfamethoxazole (Bactrim, Septra) Video 2	Roger Seheult, MD
Session 11 (8 minutes)	Clindamycin Explained Clearly	Roger Seheult, MD

Asthma Explained Clearly		
Session	**Title**	**Faculty**
Session 1 (10 minutes)	Asthma Definition, Pathophysiology, & Differential Diagnosis	Roger Seheult, MD
Session 2 (16 minutes)	Asthma Diagnosis & Treatment	Roger Seheult, MD
Session 3 (13 minutes)	Asthma 2022 Update	Roger Seheult, MD

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Session 4 (10 minutes)	Asthma Case Study Part 1	Roger Seheult, MD
Session 5 (11 minutes)	Asthma Case Study Part 2	Roger Seheult, MD

BMP Chem-7 Results Explained Clearly		
Session	**Title**	**Faculty**
Session 1 (11 minutes)	Basic Metabolic Panel: Introduction 1	Roger Seheult, MD
Session 2 (3 minutes)	Basic Metabolic Panel: Introduction 2	Roger Seheult, MD
Session 3 (7 minutes)	Understanding Sodium	Roger Seheult, MD
Session 4 (4 minutes)	Hypernatremia - Basics	Roger Seheult, MD
Session 5 (5 minutes)	Hypernatremia - Hypovolemic	Roger Seheult, MD
Session 6 (5 minutes)	Hypernatremia - Hypervolemic	Roger Seheult, MD
Session 7 (5 minutes)	Hypernatremia - Isovolemic	Roger Seheult, MD
Session 8 (12 minutes)	Hypernatremia - Treatment	Roger Seheult, MD
Session 9 (3 minutes)	Hyponatremia - Isotonic	Roger Seheult, MD
Session 10 (4 minutes)	Hyponatremia - Hypertonic	Roger Seheult, MD
Session 11 (4 minutes)	Hyponatremia - Hypotonic Hypovolemia	Roger Seheult, MD
Session 12 (3 minutes)	Hyponatremia - Hypotonic Hypervolemia	Roger Seheult, MD
Session 13 (5 minutes)	Hyponatremia - Hypotonic Isovolemia	Roger Seheult, MD
Session 14 (9 minutes)	Hyponatremia - Treatment	Roger Seheult, MD
Session 15 (12 minutes)	Hyperkalemia - Causes	Roger Seheult, MD
Session 16 (7 minutes)	Hyperkalemia - Manifestations	Roger Seheult, MD
Session 17 (10 minutes)	Hyperkalemia - Treatment	Roger Seheult, MD
Session 18 (2 minutes)	Hypokalemia - Introduction	Roger Seheult, MD
Session 19 (7 minutes)	Hypokalemia - Causes 1	Roger Seheult, MD
Session 20 (5 minutes)	Hypokalemia - Causes 2	Roger Seheult, MD
Session 21 (5 minutes)	Hypokalemia - Manifestations	Roger Seheult, MD
Session 22 (9 minutes)	Hypokalemia - Treatment	Roger Seheult, MD
Session 23 (4 minutes)	Chloride and Bicarbonate - Introduction	Roger Seheult, MD
Session 24 (17 minutes)	Chloride and Bicarbonate - Anion Gap versus Non-Anion Gap Metabolic Acidosis	Roger Seheult, MD
Session 25 (12 minutes)	Chloride and Bicarbonate - Acid/Base Implications	Roger Seheult, MD
Session 26 (10 minutes)	Chloride and Bicarbonate - Practical Cases	Roger Seheult, MD
Session 27 (5 minutes)	BUN and Creatinine - Introduction	Roger Seheult, MD
Session 28 (10 minutes)	BUN and Creatinine - Pathophysiology in Acute Kidney Injury	Roger Seheult, MD
Session 29 (7 minutes)	BUN and Creatinine - Pre-renal, Renal, & Post-renal 1	Roger Seheult, MD

Session 30 (10 minutes)	BUN and Creatinine - Pre-renal, Renal, & Post-renal 2	Roger Seheult, MD
Session 31 (7 minutes)	Hyperglycemia - Causes and Treatment	Roger Seheult, MD
Session 32 (14 minutes)	Hypoglycemia - Causes and Treatment	Roger Seheult, MD

CBC Results Explained Clearly		
Session	**Title**	**Faculty**
Session 1 (11 minutes)	General principles, when to order, and lab errors	Roger Seheult, MD
Session 2 (13 minutes)	Leukocytosis	Roger Seheult, MD
Session 3 (12 minutes)	Leukopenia and Neutropenia	Roger Seheult, MD
Session 4 (4 minutes)	Leukopenia Causes	Roger Seheult, MD
Session 5 (5 minutes)	Hemoglobin and Hematocrit	Roger Seheult, MD
Session 6 (12 minutes)	Polycythemia	Roger Seheult, MD
Session 7 (8 minutes)	Anemia	Roger Seheult, MD
Session 8 (15 minutes)	Anemia Part 2	Roger Seheult, MD
Session 9 (9 minutes)	Blood Transfusions	Roger Seheult, MD
Session 10 (6 minutes)	CBC "pearls"	Roger Seheult, MD
Session 11 (12 minutes)	Thrombocytosis	Roger Seheult, MD
Session 12 (3 minutes)	Blood Smears	Roger Seheult, MD
Session 13 (13 minutes)	Thrombocytopenia	Roger Seheult, MD
Session 14 (7 minutes)	Thrombocytopenia 2	Roger Seheult, MD
Session 15 (10 minutes)	Thrombocytopenia 3	Roger Seheult, MD
Session 16 (7 minutes)	CBC Case Study	Roger Seheult, MD

EKG/ECG Interpretation Explained Clearly: A Clinical Approach		
Session	**Title**	**Faculty**
Session 1 (14minutes)	Intro to This Course & Review of The Heart	Roger Seheult, MD
Session 2 (14minutes)	Physiology of the Heart	Roger Seheult, MD
Session 3 (13minutes)	EKG Leads & Vectors	Roger Seheult, MD
Session 4 (13minutes)	Leads & EKG Paper	Roger Seheult, MD
Session 5 (12minutes)	The EKG Tracing	Roger Seheult, MD
Session 6 (13minutes)	EKG Waves, Complexes, and Intervals (P, QRS, T, etc.)	Roger Seheult, MD
Session 7 (8minutes)	The Autonomic Nervous System and the Heart	Roger Seheult, MD
Session 8 (14minutes)	Rate & Automaticity	Roger Seheult, MD
Session 9 (6minutes)	The R&R and Rate Practice	Roger Seheult, MD
Session 10 (15minutes)	Rhythm & Arrhythmias	Roger Seheult, MD

Session 11 (6minutes)	Wandering Atrial Pacemaker & M.A.T.	Roger Seheult, MD
Session 12 (12minutes)	Escape Rhythms	Roger Seheult, MD
Session 13 (11minutes)	Premature Beats & Pauses	Roger Seheult, MD
Session 14 (16minutes)	Premature Beats Continued, Bigeminy, and Trigeminy	Roger Seheult, MD
Session 15 (17minutes)	Tachyarrhythmias	Roger Seheult, MD
Session 16 (15minutes)	Ventricular Tachycardia	Roger Seheult, MD
Session 17 (6minutes)	Torsades de Pointes	Roger Seheult, MD
Session 18 (7minutes)	Atrial & Ventricular Flutter	Roger Seheult, MD
Session 19 (19minutes)	Fibrillation	Roger Seheult, MD
Session 20 (10minutes)	Wolff-Parkinson-White (WPW) Syndrome	Roger Seheult, MD
Session 21 (21minutes)	Heart Blocks	Roger Seheult, MD
Session 22 (12minutes)	Blocks and Escape Rhythms	Roger Seheult, MD
Session 23 (16minutes)	Bundle Branch Blocks	Roger Seheult, MD
Session 24 (21minutes)	Axis	Roger Seheult, MD
Session 25 (9minutes)	Precordial Leads	Roger Seheult, MD
Session 26 (13minutes)	Hypertrophy & Atrial Enlargement	Roger Seheult, MD
Session 27 (11minutes)	EKG Examples of RAE, LAE, & LVH	Roger Seheult, MD
Session 28 (14minutes)	Infarction	Roger Seheult, MD
Session 29 (9minutes)	ST Segment Changes Brugada Pericarditis	Roger Seheult, MD
Session 30 (15minutes)	Q Waves and Posterior Infraction	Roger Seheult, MD
Session 31 (15minutes)	Hemiblocks and Fascicular Blocks	Roger Seheult, MD
Session 32 (10minutes)	Left Posterior Hemiblock	Roger Seheult, MD
Session 33 (7minutes)	COPD, PE, Hyperkalemia, Digoxin, and the EKG	Roger Seheult, MD
Session 34 (20minutes)	How to Systematically Read an EKG	Roger Seheult, MD
Session 35 (5minutes)	Practice EKG 1 (A Normal EKG)	Roger Seheult, MD
Session 36 (6minutes)	Practice EKG 2	Roger Seheult, MD
Session 37 (6minutes)	Practice EKG 3	Roger Seheult, MD
Session 38 (8minutes)	Practice EKG 4	Roger Seheult, MD
Session 39 (4minutes)	Practice EKG 5	Roger Seheult, MD
Session 40 (3minutes)	Practice EKG 6	Roger Seheult, MD
Session 41 (4minutes)	Practice EKG 7	Roger Seheult, MD
Session 42 (4minutes)	Practice EKG 8	Roger Seheult, MD
Session 43 (4minutes)	Practice EKG 9	Roger Seheult, MD
Session 44 (12minutes)	Practice EKG 10	Roger Seheult, MD
Session 45 (7minutes)	Practice EKG 11	Roger Seheult, MD
Session 46 (15minutes)	Practice EKG 12	Roger Seheult, MD
Session 47 (9minutes)	Practice EKG 13	Roger Seheult, MD

Session 48 (10minutes)	Practice EKG 14	Roger Seheult, MD
Session 49 (5minutes)	Practice EKG 15	Roger Seheult, MD
Session 50 (18minutes)	ECG Watch for Detecting Atrial Fibrillation	Roger Seheult, MD
Session 51 (13minutes)	ECG/EKG Versus Smartwatch for Myocarditis/Pericarditis and Myocardial Infarction	Roger Seheult, MD
Session 52 (12minutes)	Seconds from Cardiac Arrest - Case Study in Hyperkalemia	Roger Seheult, MD

Evaluation of Acute Abdominal Pain Explained Clearly

Session	Title	Faculty
Session 1 (10 minutes)	Extra-abdominal causes of pain vs. diffuse pain	Roger Seheult, MD
Session 2 (7 minutes)	Peritonitis & Persistent vs. Intermittent Pain	Roger Seheult, MD
Session 3 (5 minutes)	Associated Clues, Signs, and Symptoms of Abdominal Pain	Roger Seheult, MD
Session 4 (4 minutes)	Abdominal Pain Case 1	Roger Seheult, MD
Session 5 (6 minutes)	Abdominal Pain Case 2	Roger Seheult, MD
Session 6 (4 minutes)	Abdominal Pain Case 3	Roger Seheult, MD
Session 7 (4 minutes)	Abdominal Pain Case 4	Roger Seheult, MD

Medical Acid Base Explained Clearly Volume 2

Session	Title	Faculty
Session 1 (1 minute)	Welcome to Acid Base and ABGs Explained Clearly	Roger Seheult, MD
Session 2 (5 minutes)	Introduction and Definitions	Roger Seheult, MD
Session 3 (6 minutes)	Henderson-Hasselbalch Equation	Roger Seheult, MD
Session 4 (7 minutes)	Characteristics and Compensation	Roger Seheult, MD
Session 5 (10 minutes)	Anion and Normal Anion Gap Metabolic Acidosis Part 1	Roger Seheult, MD
Session 6 (14 minutes)	Anion and Normal Anion Gap Metabolic Acidosis Part 2	Roger Seheult, MD
Session 7 (4 minutes)	Compensation Ratios	Roger Seheult, MD
Session 8 (14 minutes)	Reading Protocol	Roger Seheult, MD
Session 9 (3 minutes)	Acid Base Guided Practice Questions – Question #1	Roger Seheult, MD
Session 10 (3 minutes)	Acid Base Guided Practice Questions – Question #2	Roger Seheult, MD
Session 11 (2 minutes)	Acid Base Guided Practice Questions – Question #3	Roger Seheult, MD
Session 12 (2 minutes)	Acid Base Guided Practice Questions – Question #4	Roger Seheult, MD
Session 13 (6 minutes)	Acid Base Guided Practice Questions – Question #5	Roger Seheult, MD
Session 14 (4 minutes)	Acid Base Guided Practice Questions – Question #6	Roger Seheult, MD
Session 15 (3 minutes)	Acid Base Guided Practice Questions – Question #7	Roger Seheult, MD
Session 16 (4 minutes)	Acid Base Guided Practice Questions – Question #8	Roger Seheult, MD
Session 17 (3 minutes)	Acid Base Guided Practice Questions – Question #9	Roger Seheult, MD

Session 18 (6 minutes)	Acid Base Guided Practice Questions – Question #10	Roger Seheult, MD

Pneumothorax and Chest Tube Explained Clearly		
Session	**Title**	**Faculty**
Session 1 (5 minutes)	Pneumothorax Definition & Anatomy	Roger Seheult, MD
Session 2 (10 minutes)	Spontaneous Pneumothorax	Roger Seheult, MD
Session 3 (10 minutes)	Non-spontaneous Pneumothorax	Roger Seheult, MD
Session 4 (9 minutes)	Symptoms and Signs	Roger Seheult, MD
Session 5 (14 minutes)	Diagnosis	Roger Seheult, MD
Session 6 (21 minutes)	Chest Tube	Roger Seheult, MD
Session 7 (13 minutes)	Treatment	Roger Seheult, MD

Pulmonary Function Test Explained Clearly		
Session	**Title**	**Faculty**
Session 1 (1 minute)	Course Overview	Roger Seheult, MD
Session 2 (7 minutes)	Introduction & Normative Values	Roger Seheult, MD
Session 3 (20 minutes)	FVC, FEV1, FEV1/FVC Ratio & Criteria for Reactivity	Roger Seheult, MD
Session 4 (11 minutes)	Flow Volume Loop Interpretation	Roger Seheult, MD
Session 5 (7 minutes)	Lung Volumes	Roger Seheult, MD
Session 6 (9 minutes)	DLCO & Methacholine Challenge Test	Roger Seheult, MD
Session 7 (4 minutes)	Algorithm Reading	Roger Seheult, MD
Session 8 (7 minutes)	PFT Question 1	Roger Seheult, MD
Session 9 (4 minutes)	PFT Question 2	Roger Seheult, MD
Session 10 (3 minutes)	PFT Question 3	Roger Seheult, MD
Session 11 (2 minutes)	PFT Question 4	Roger Seheult, MD
Session 12 (1 minute)	PFT Question 5	Roger Seheult, MD
Session 13 (2 minutes)	PFT Question 6	Roger Seheult, MD
Session 14 (7 minutes)	Shortness of Breath Case	Roger Seheult, MD

Sleep Apnea Explained Clearly		
Session	**Title**	**Faculty**
Session 1 (2 minutes)	Sleep Apnea Introduction	R. Seheult, MD
Session 2 (5 minutes)	Definitions	R. Seheult, MD
Session 3 (8 minutes)	Prevalence and Risk	R. Seheult, MD
Session 4 (7 minutes)	Symptoms and PE	R. Seheult, MD
Session 5 (19 minutes)	Diagnosis	R. Seheult, MD

Session 6 (6 minutes)	Treatment: Behavior Modification	R. Seheult, MD
Session 7 (28 minutes)	Treatment: PAP	R. Seheult, MD
Session 8 (12 minutes)	Treatment: OA	R. Seheult, MD
Session 9 (14 minutes)	Treatment: HNS	R. Seheult, MD

Ultrasound Principles and Instrumentation Explained Clearly		
Session	**Title**	**Faculty**
Session 1 (12 minutes)	Introduction: Physics of Ultrasound Waves	Joshua Jacquet, MD
Session 2 (12 minutes)	Physics of Ultrasound in Tissue	Joshua Jacquet, MD
Session 3 (13 minutes)	Ultrasound Transducers	Joshua Jacquet, MD
Session 4 (8 minutes)	US Orientation and Imaging Planes	Joshua Jacquet, MD
Session 5 (6 minutes)	US Terminology & Biosafety	Joshua Jacquet, MD
Session 6 (11 minutes)	US “Knobology” Part 1	Joshua Jacquet, MD
Session 7 (10 minutes)	US “Knobology” Part 2	Joshua Jacquet, MD
Session 8 (6 minutes)	Handling the US Transducer, US Modes (B- & M-)	Joshua Jacquet, MD
Session 9 (15 minutes)	US Modes (C- & D-)	Joshua Jacquet, MD
Session 10 (10 minutes)	US Artifacts Part 1	Joshua Jacquet, MD
Session 11 (8 minutes)	US Artifacts Part 2	Joshua Jacquet, MD
Session 12 (13 minutes)	Advances in Ultrasound Imaging	Joshua Jacquet, MD
Session 13 (9 minutes)	Your First US Exam	Joshua Jacquet, MD
Session 14 (30 minutes)	Supplemental Reading	Joshua Jacquet, MD

Urinalysis Explained Clearly		
Session	**Title**	**Faculty**
Session 1 (7 minutes)	Principles of Urine Collection Methods	Roger Seheult, MD
Session 2 (14 minutes)	Heme, Leukocyte Esterase, Nitrite, Protein, pH	Roger Seheult, MD
Session 3 (9 minutes)	Glucose and Ketones in Urine	Roger Seheult, MD
Session 4 (13 minutes)	Bilirubin, Urobilinogen, and Specific Gravity	Roger Seheult, MD
Session 5 (9 minutes)	Urine Electrolytes, Osmolality, FENa, FEUrea	Roger Seheult, MD
Session 6 (6 minutes)	Transtubular Potassium Gradient (TTKG)	Roger Seheult, MD
Session 7 (4 minutes)	Urinary Anion Gap	Roger Seheult, MD
Session 8 (12 minutes)	Clinical Correlation: Urine Findings in Common Conditions	Roger Seheult, MD
Session 9 (15 minutes)	Gross Assessment - Color, Turbidity, Smell	Roger Seheult, MD
Session 10 (7 minutes)	Urine Crystals - Cystine, Uric Acid, Triple Phosphate, Ca Oxylate	Roger Seheult, MD

Session 11 (10 minutes)	Casts - RBC, Granular, Hyaline, Fat, WBC. Nephrotic and Nephritic Syndrome	Roger Seheult, MD
Session 12 (7 minutes)	Waxy Casts, WBCs, Gram Stained Bacteria, RBCs, Epithelial & Squamous Cells	Roger Seheult, MD
Session 13 (3 minutes)	Case Study 1	Roger Seheult, MD
Session 14 (2 minutes)	Case Study 2	Roger Seheult, MD

Accreditation

***AMA PRA Category 1 Credits™*:** These activities have been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Continuing Education Company, Inc. and MedCram, LLC. Continuing Education Company, Inc. (CEC) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

Continuing Education Company designates these enduring materials for a maximum of 1.25 - 17 AMA PRA Category 1 Credits™ each, as listed below. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ABIM MOC: Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to 1.25 - 17 Medical Knowledge MOC points for each activity listed below in the American Board of Internal Medicine's (ABIM) Maintenance of Certification (MOC) program. Participants will earn MOC points equivalent to the amount of CME credits claimed for the activity. It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM MOC credit. Please allow 6-8 weeks for your MOC points to appear on your ABIM records.

AAPA: AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*™ from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 53.5 hours listed below of Category 1 credit for completing these activities.

AANPCB: The American Academy of Nurse Practitioners Certification Board (AANPCB) accepts *AMA PRA Category 1 Credit*™ from organizations accredited by the ACCME. Nurse Practitioners may receive a maximum of 53.5 hours of participation, 4.5 of which can be used towards Pharmacology, for completing all the activities in this collection.

Explained Clearly Bundle *Accreditation*				
Activity Title	**Expiration Date**	**Credits**	**ABIM MOC Points**	**Rx Hours**
Antibiotics Explained Clearly	8/5/2028	*3 AMA PRA Category 1 Credits™*	3	3
Asthma Explained Clearly	1/12/2027	*1.25 AMA PRA Category 1 Credits™*	1.25	0.5
BMP/Chem-7 Results Explained Clearly	11/6/2029	*7 AMA PRA Category 1 Credits™*	7	0

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CBC Results Explained Clearly	4/1/2027	*5 AMA PRA Category 1 Credits™*	5	0
EKG/ECG Interpretation Explained Clearly: A Clinical Approach	2/6/2029	*17 AMA PRA Category 1 Credits™*	17	1
Evaluation of Acute Abdominal Pain Explained Clearly	8/5/2029	*1.5 AMA PRA Category 1 Credits™*	1.5	0
Medical Acid Base Explained Clearly Volume 2	6/9/2029	*3 AMA PRA Category 1 Credits™*	3	0
Pneumothorax and Chest Tube Explained Clearly	10/10/2027	*2.75 AMA PRA Category 1 Credits™*	2.75	0
Pulmonary Function Test Explained Clearly	3/14/2027	*2 AMA PRA Category 1 Credits™*	2	0
Sleep Apnea Explained Clearly	10/14/2029	*4 AMA PRA Category 1 Credits™*	4	0
Ultrasound Principles and Instrumentation Explained Clearly	12/9/2027	*4 AMA PRA Category 1 Credits™*	4	0
Urinalysis Explained Clearly	6/21/2029	*3 AMA PRA Category 1 Credits™*	3	0