



WINFOCUS RUSH Workshop Protocol

Rapid Ultrasound for Shock and Hypotension

WINFOCUS Workshop



The RUSH protocol workshop is an interactive, educational session designed to provide healthcare professionals with the knowledge and practical skills necessary to implement the Rapid Ultrasound in Shock and Hypotension (RUSH) protocol in clinical settings. The RUSH protocol is a point-of-care ultrasound approach used to quickly assess patients presenting with shock or undifferentiated hypotension, enabling rapid diagnosis and management.

It is key to obtaining the WINFOCUS International
Certification

www.winfocus.org

Designed and organized
by WINFOCUS

DATE	21/05/2026
TIME	8.00
VENUE	Pirot, SRBIJA

Section 1: Overview and Educational Approach

A typical RUSH protocol workshop is designed to combine theoretical learning with hands-on practice, offering participants a comprehensive and engaging educational experience. The session begins with expert-led lectures introducing the core concepts of shock, the rationale behind the RUSH protocol, and its structured, stepwise approach. Participants then review the three main components of the protocol—The Pump, The Tank, and The Pipes—which together provide a systematic framework for evaluating cardiac function, fluid status, and vascular integrity.

Section 2: Interactive Learning and Practical Application

To reinforce theoretical knowledge, real-world clinical cases are explored through interactive discussions that demonstrate the protocol's application across diverse shock scenarios. These case-based sessions help participants enhance their diagnostic reasoning and decision-making skills. Under the supervision of experienced instructors, attendees engage in practical ultrasound training on models or simulators, learning to acquire and interpret the key images essential for shock assessment. The workshop concludes with a collaborative Q&A session, offering space for clarification, reflection, and exchange of clinical experiences.

Section 3: Learning Objectives and Key Competencies

By the end of the workshop, participants will have a clear understanding of the pathophysiology of shock and the importance of rapid ultrasound assessment. They will master the three components of the RUSH protocol—cardiac (the pump), intravascular volume (the tank), and vasculature (the pipes)—and develop confidence in ultrasound image acquisition and interpretation. Equally important, they will learn to integrate RUSH findings into real-time clinical decision-making, improving accuracy and efficiency in the management of critically ill patients.

Section 4: Benefits and Target Audience

Participation in a RUSH protocol workshop offers significant professional advantages, including enhanced diagnostic accuracy, faster recognition of shock etiologies, and greater proficiency in bedside ultrasound. It also provides an invaluable opportunity to network with peers and leading ultrasound experts while gaining immediately applicable, hands-on experience for emergency and critical care settings.

This workshop is ideally suited for emergency physicians, intensivists, anesthesiologists, and other healthcare professionals involved in the acute management of critically ill patients. By combining solid theoretical foundations with extensive hands-on practice, the RUSH protocol workshop empowers clinicians to confidently apply a vital bedside diagnostic tool—ultimately improving patient outcomes through faster, more informed care.



DAY 1 PROGRAM UWINFOCUS RUSH Workshop program

7:45 am	Registration & Greetings
8:00 am - 9:00 am	Introduction to POCUS
9:00 am - 11:00 am	Workshop and lecture FoCUS/SC
11:00 pm - 12:00 pm	Workshop and lecture FAST
12:00h - 13:00 pm	Lunch break
13:00h - 13:30h	Workshop and lecture AA
13:30h -14:30h	Workshop and lecture LUNG
14:30h - 15:00h	Workshop and lecture DVT
15:00h - 16:00h	Clinical integration