

**S.W.A.T. EXPANDS AGAIN! NOW 100 PAGES OF ACTION!**

**BONUS  
FEATURES**

# **S.W.A.T.**

©51074

**WEAPONS, TACTICS**

**& TRAINING FOR THE REAL WORLD**

**SPAIN'S UEI**  
**Standing Guard  
Against Terrorism**

**THUNDER RANCH'S  
HIGH INTENSITY  
TACTICS**  
**Pistol And Rifle**

**H&K'S ADVANCED  
MEDIC COURSE**

**On The Cutting Edge**

**VALHALLA  
TRAINING CENTER**

**Reality Based Training  
Finds A Hi-Tech Home**

**HS PRECISION'S  
SHORT TACTICAL RIFLE**

**Precision Meets Portability**



**COLT'S GUNSITE PISTOL**

JANUARY 2004

\$4.99US \$6.99CAN



01 >

0 71486 51074 1

**FIVE DAYS IN SHOOTER'S HEAVEN:  
THE FINAL URBAN RIFLE CLASS  
AT THUNDER RANCH!**

**WIN!**

A U.S. Marshal finds himself having to provide an airway for a victim "shot" during a high-risk warrant in a simulated tactical-medical scenario.



# HECKLER & KOCH

BY LAWRENCE E. HEISKELL, M.D., FACEP, FAAFP

**S**ince the inception of the Specialized Tactical Emergency Medicine Program at Heckler & Koch (HK) in 1996, more than 600 students from some 400 military, law-enforcement, fire and EMS agencies from the United States and around the world have completed the Basic Tactical Emergency Medicine (BTM) Course. In June of 2003, Heckler & Koch, along with California-based Tactical Medical Consultants, launched the first Advanced Tactics & Medicine (ATM) Course near HK's Headquarters in Sterling, Virginia not far from Washington, DC.

The concept of Tactical Emergency Medical Support (TEMS) has evolved and witnessed tremendous growth over

the past ten years. Vast numbers of law-enforcement agencies across the United States and in foreign countries now incorporate on-scene advanced life support capabilities for their teams.


Historically, the medical support component consisted of pre-hospital care personnel borrowed from fire and EMS agencies with some being sworn law-enforcement officers. However, many law-enforcement agencies today assign residency-trained, board certified, emergency physicians, surgeons and other physicians to their teams. These physicians are often reserve police officers and SWAT trained.

As a result of incidents such as the Columbine High School shooting in 1999, take-over bank robberies and

hostage situations, there is an increasing pressure for the TEMS component of law-enforcement tactical teams to proceed with a more rapid intervention.

In addition, major violent incidents can sometimes create litigation involving millions of dollars. Law-enforcement agencies no longer view tactical medical personnel as an expensive luxury, but as an essential component of their department and the tactical team.

To prepare for future high risk incidents, adequate and appropriate training for these SWAT medical support teams has become paramount to ensure a reduction in morbidity and mortality associated with critical incidents and training. Once trained, the tactical medic can provide a solid risk-benefit



Tactical medics practice CPR skills in a tactical scenario where team members in a hostage rescue situation shot the suspect.

H'S

## ADVANCED TACTICS & MEDICINE COURSE ON THE CUTTING EDGE

assessment to the tactical commander and function safely in the tactical environment while caring for victims.

The International Training Division at Heckler & Koch has striven to include law-enforcement and the military in the design and curriculum of its courses. As a result, the training division has been providing comprehensive and realistic training since 1989.

The Advanced Tactics & Medicine (ATM) Course required months in preparation and development and was specifically designed to provide tactical medical personnel from military and law-enforcement agencies with additional training and skills in both tactics and advanced medical care. The advanced course is built upon the fun-

damentals of tactical EMS, which are taught in the Basic Tactics & Medicine (BTM) course.

According to Peter Simon, president of HK-USA, "The inclusion of Tactical Emergency Medicine-qualified operators is an essential ingredient in the planning and execution of successful tactical operations. Heckler & Koch's Basic and Advanced Tactics and Medicine Courses are progressive and complementary, and focus on critical subject areas with a hands-on, learn-by-doing approach. The courses provide the medical specialist on the tactical team with a wide array of tools and techniques designed to maximize the probabilities for mission accomplishment while minimizing the team's exposure to risk.

H&K will continue to work with our exceptional training staff to develop additional courses in this rapidly expanding field."

The five-day program covers current timely tactical-medical topics such as biological and chemical weapons of mass destruction, radiation injury management, pediatric trauma, blast injuries, environmental injuries, trauma anesthesia and advanced airway management and medical assessment and treatment under low light conditions.

Tactical subjects include less lethal weapons; low light tactics, advanced HK USP pistol and MP5 submachine gun training as well as explosive entry techniques. Students have the opportunity to improve their knowledge and



left: In the ATM course tactical medics must demonstrate surgical shooting with the MP5 submachine gun.

below: A tactical medic engages a threat during the low light shooting portion of the course.



skills by participation in over twenty tactical-medical scenarios during the week.

To create more realistic scenarios, Simunitions are used extensively during the week in simulated tactical situations using HK handguns and MP5 submachine guns.

Prerequisites for enrollment in the ATM course are the successful completion of either: a) the Tactical Emergency Medicine I, Basic Tactics & Medicine (BTM) Course or b) the successful completion of a basic TEMS Course and a Basic Firearms and Tactics Course.

## DAY 1

The morning didactic material begins with an introduction to Bio-Terrorism with *Biological Weapons Part I* and *Biological Weapons Part II*.

Students will learn how to clinically recognize the signs and symptoms of the more common potential biological agents and become versed in the current treatment modalities. The material is focused on precisely what a tactical medical officer needs to know to care for members of the tactical team involved in an act of bio-terrorism.

The remainder of the morning is devoted to a *Review of Building Clearing Techniques* to ensure all students are up to speed with entry tactics in preparation for the afternoon session of *Tactical-Medical Scenarios*. Each scenario consists of a tactical and medical problem in

which each team will need to establish a tactical plan, address the medical problems encountered and carry out and solve all tactical and medical issues. The use of Simunitions enhances the students' appreciation of the realities of a hostage rescue situation or active shooter situation with multiple casualties.

## DAY 2

The second day of the course begins with *Advanced Airway Management* didactic material followed by a three hour *Airway Management Workshop*. Having the skills to establish an airway under austere conditions is paramount. Students receive in-depth, hands-on training in the skills needed for advanced airway management techniques in a tactical environment.

Students have the opportunity to practice surgical airway techniques using swine tracheas and become familiar with other options including but not limited to retrograde intubation, fiber optic and orotracheal intubation techniques. The Combitube, Lighted Stylet, Laryngeal Mask Airway (LMA) and Intubating LMA are also practiced. The remainder of the morning is devoted to the application of *Trauma Anesthesia* during tactical operations. Here students learn different options for pain management in the field.

The afternoon on day 2 is devoted to advanced *Handgun Tactical Scenarios*

training using live fire and Simunitions in field exercises and scenarios in the shoot house.

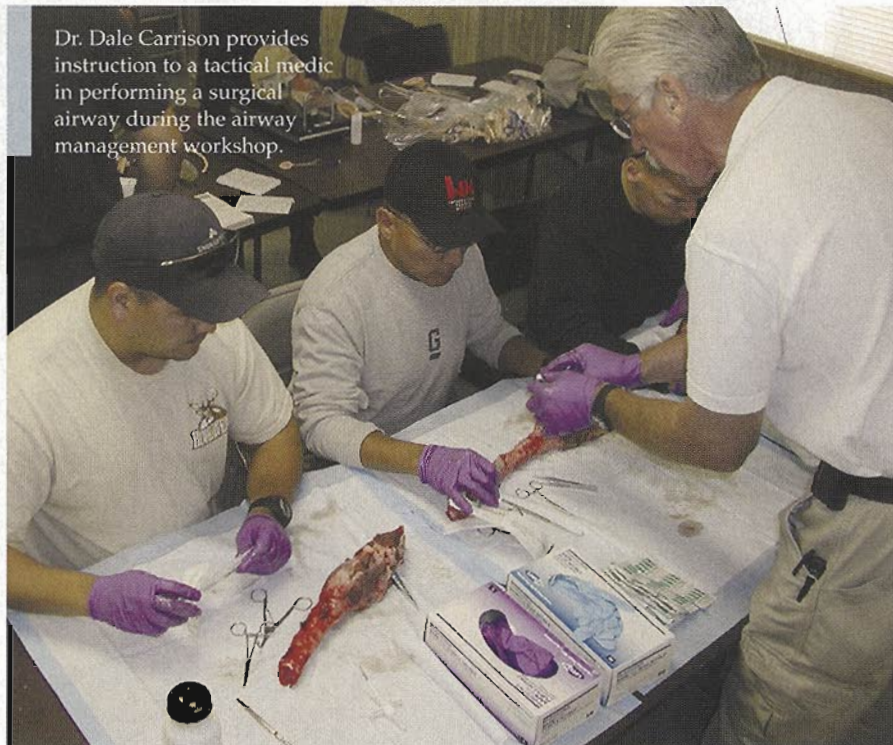
## DAY 3

Class begins in the afternoon on Day 3 with preparations for low light and night operations later in the evening. Tactical operations often result in barricade situations that stem from domestic violence and children are often involved. Day 3 addresses issues of *Pediatric Trauma Management in the Tactical Environment*.

The remainder of the afternoon is devoted to the tactical deployment of *Less Lethal Weapons*. Students learn the capabilities and the injury patterns associated with their use.

Special operations teams are sometimes deployed in remote areas and the teams are at risk for *Environmental Injuries*. These issues are addressed and covered in depth.

As nightfall begins the students suit up for *Low Light Tactics & Team Movement* and for the next four hours students will participate in multiple tactical-medical scenarios under low light and night conditions. Many tactical operations occur at night and the tactical team must develop the skills to provide medical assessment and care



Dr. Dale Carrison provides instruction to a tactical medic in performing a surgical airway during the airway management workshop.

under darkness or low light stressful conditions.

#### DAY 4

Police tactical teams are likely to be one of the first law-enforcement units responding to a Weapons of Mass Destruction (WMD) event. The morning of day four begins with didactic material addressing weapons of mass destruction—specifically *Chemical Weapons and Nerve Agents* as well as *Nuclear & Radiation Injuries*. The Advanced Tactics and Medicine (ATM) Course does not focus on mass casualty management, but instead addresses those important WMD issues specific to tactical operations. The advantages and disadvantages of issuing Mark I auto-injectors to tactical team members are discussed. *Medical Management of Blast Injuries and Explosive Entry Techniques* are also covered.

The entire afternoon of day 4 consists of advanced MP5 Submachine Gun *Tactical Scenarios* using live fire and Simunitions in field exercises and shoot house scenarios. Here students gain more experience using the MP5 Submachine gun. Upon completion of the day's activities there is a class dinner in the evening.

#### DAY 5

On the morning of day five, and before getting suited up for the final day of tactical-medical scenarios, students must take a one hour written examina-

tion. The examination fulfills requirements for continuing medical education (CME) and self-assessment.

The *Tactical Medical-Scenarios* each last approximately thirty minutes. Simunitions are also utilized during some of the training scenarios to enhance the learning experience. Upon completion of the tactical exercises the students return to the classroom for a debriefing, graduation and final remarks.

The Advanced Tactics and Medicine Course is fast paced and intensive. There is extensive hands-on instruction and personalized attention. Tactical medics that are serious about their commitment to providing the best care possible for their team members should attend this course.

Continuing Medical Education (CME) credit for this course is available through the American College of Emergency Physicians (ACEP).

The Heckler & Koch BTM and ATM courses typically fill ninety days before class dates. Interested agencies and individuals are urged to contact Pat Rios at Heckler & Koch's International Training Division early to secure a seat in a class.

#### © SOURCE:

Heckler & Koch Int. Training Division  
Dept. S.W.A.T.  
21480 Pacific Boulevard  
Sterling, VA 20166-8903  
(703) 450-1900 ext 293  
[www.tacticalmedicine.com](http://www.tacticalmedicine.com)

no matter how dark it gets, with our scopes you'll see the light.

With some of the best light transmission of any scope in the world, and now with sophisticated illuminated reticles available, our new Police/Marksman II scopes just might be the ultimate night fighters.

SCHMIDT & BENDER

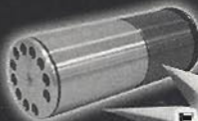
Schmidt & Bender  
P.O. Box 134  
Meriden, NH 03770  
800/468-3450  
[www.schmidt-bender.com](http://www.schmidt-bender.com)

### Perfect Your Skills in Private & Absolute Safety

← Must Be 18+ to Purchase!



← Realistic 1:1 Scale Non-Lethal Full Auto Sub-Guns, Semi Auto Pistols & Rifles of All Styles!



Free Catalog



Visit Us Today!

[www.JungleToy.com](http://www.JungleToy.com)  
For Store Locations & Catalog  
Call Toll FREE: 1-866-JUNGLE-6

Prices Subject To Change Without Notice