

## Case Study: School Bus vs. Pick-Up Truck Collision in Marseilles

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September 10, 2012. Marseilles, Illinois. A collision between a school bus and a pick-up truck.

Marseilles Area Ambulance Service paramedics Mike Callahan and Dmitri Gubarev, along with Marseilles Fire Protection District personnel, were dispatched for a report of a school bus vs pick-up truck crash near a small country elementary school.

As the crew left the station, the resource hospital, OSF St. Elizabeth Medical Center in Ottawa, was contacted and notified of the potential MCI. OSF St. Elizabeth advised the crew that they could accept 2 red, 3 yellow and as many green patients as needed.

Once requested by the EMS commander and informed of the general location of the MCI, the first hospital contacted will communicate with the next closest hospi-



tals (as indicated by the EMS commander) and get capacity information. The resource hospital will then contact the EMS commander on scene and relay the availability of ED beds and patient triage levels for each of the hospitals.



While en route, Marseilles dispatch advised the crew that multiple injuries were now being reported. At 0822, the Marseilles EMS crew requested that a MABAS Box Card 200 be called to the box alarm level. (For a detailed explanation of what the MABAS response entails, see section on Page 5.)

The initial crew aboard Marseilles 1-M-18 arrived on the scene, noting a school bus on its side with severe front end damage just below the driver's seat. Many children were already out of the bus, some with obvious injuries. Also noted was a pick-up truck on its side that had split into two pieces.

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Mike Callahan, EMT-P, established EMS Command. Once the scene was confirmed safe, the on-scene personnel began the triage process. Initial reports from patients on the scene indicated two children and the bus driver were trapped in the bus. The driver of the pick-up truck was also trapped in his vehicle. Fire personnel on scene began the extrication process.

At 0830, Marseilles EMS Command requested MABAS Box Card 200 to the 3rd alarm level due to the increasing probability of patients needing transport. Triage was initiated by Dmitri Gubarev along with first responders and EMT-Basics from MFPD. The S.T.A.R.T. triage method is used in the Marseilles system.

OSF St. Elizabeth in Ottawa contacted Morris Hospital in Morris and St. Mary's Hospital in Streator to determine the number of patients each could handle. Morris Hospital advised it could accept 2 red and 5 yellow patients. St. Mary's Hospital could accept 4 yellow and as many greens as needed.

A second rig from Marseilles Area Ambulance Service (1-M-20) arrived on the scene and a transportation officer was appointed. The totals from the initial triage indicated 40 greens, 14 yellows, and 4 reds for a total of 58 patients. Additional MAAS EMS units and personnel were arriving on the scene so there were now enough personnel to begin preparing patients for transport.

As mutual aid ambulances arrived, patients were sent out with the most severely injured going first. As time went on and patients were being transported from the scene, parents began to arrive!!

Also, with more personnel available on scene, secondary triage of patients was

possible. It was noted that some of the patients' conditions had changed.

All ambulances were requested to drop off their patients at designated hospitals and to return to the scene as soon as possible. The last patient was transported from the scene at 1 hour and 35 minutes.

Final triage numbers were 18 greens, 15 yellows, and 6 reds for a total of 37 patients transported to hospitals via ambulance. An additional 22 uninjured kids were released to their parents at the scene. A total of 61 individuals were involved in the accident.

MABAS Box Card 200 was struck at 09:52 hour with all companies on the scene still working and all units returning from transports could return to their home stations.

Two Marseilles Area Ambulance Service ambulances, 1-M-18 AND 1-M-16, remained on the scene along with Marseilles Fire Protection District personnel until the incident was terminated at 1045 hours.

The early notification to the hospitals allowed the EDs to be well prepared for patient arrivals.

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## AMBULANCE SERVICE TRANSPORTS

Responding Department	Patients Transported
Ottawa	8
Seneca	5
Newark	4
MAAS 1-M-20	3
Morris	3
Peru	3
Sheridan	3
MAAS 1-M-19	2
Minooka	2
StreatorAMT	2
Utica	2
<b>TOTAL</b>	<b>37</b>

## RECEIVING HOSPITAL TRANSPORTS

Transport Destination	Patients Transported
Morris Hospital	12
OSF St. Elizabeth Medical Center	11
St. Mary's Hospital	9
Sandwich Hospital	5



# Join ITLS in Cleveland, Ohio for 2014 Trauma Conference on November 4-7

Join ITLS in November for the world's premier prehospital trauma conference attracting EMS and trauma care professionals from around the globe. Catch up with old friends and make new connections at a program that brings together education, entertainment and networking.

The 2014 ITLS International Trauma Conference will be held November 4-7 at The Westin Cleveland Downtown in Cleveland, Ohio. Preconference courses and workshops will be held November 4-5. The conference will be held Thursday, November 6 and Friday, November 7.

## WHAT'S NEW IN 2014:

- **Private reception at Cleveland's famous Rock and Roll Hall of Fame and Museum!** ITLS shows you the best of Cleveland at the conference social event, where you'll tour the Rock and Roll Hall of Fame after hours — open exclusively for ITLS!
- **Three educational tracks for a customized learning experience!** Concurrent sessions offer tracks for education delivery, clinical manage-



ment, and system development. Mix and match to fit your continuing education needs and interests!

- **International trauma care experts from around the world!** Globally recognized faculty from China, Japan, Portugal and more set the ITLS experience apart with innovative and relevant educational sessions!

The focus of the 2014 educational program is "Care in High-Risk Environments." The program includes these hot topics and more:

- Popular EMS educator Mike Helbock with interactive video case studies to illustrate the Sick/Not Sick decision, and the 'art' of professionalism in EMS

- Dr. Howard Mell on the use of tranexamic acid in the prehospital environment
- Dr. David Keseg on the risks and benefits of ketamine for excited delirium
- Dr. Charles Yowler on mass casualty blast injury
- Tactical EMS and its impact on civilian EMS education and practice
- Pre-conference workshops that include the ITLS Military Provider Course, ITLS Pediatric Provider Course, and an ITLS Instructor Course Advance Briefing

For the conference brochure and agenda as well as online registration, visit [ITRAUMA.org/conference](http://ITRAUMA.org/conference). We hope to see many representatives from Illinois in Cleveland in November!

## Policy & Procedure Manual Updated

The ITLS Illinois Advisory Committee has finished revising the Illinois Chapter's Policy and Procedure Manual, and the draft was approved at the April 2014 committee meeting.

The draft manual has been released to ITLS Illinois committee members, course coordi-

nators, and affiliate faculty while it undergoes review by ITLS International's Chapter and Training Centre Support Committee.

After receiving final approval from the Chapter and Training Centre Support Committee, the ITLS Illinois Policy and Procedure manual will be distributed to all active Il-

linois instructors and posted to the ITLS Illinois website as a resource.

If you have questions about any policies in the interim or would like to see the draft, please contact Chapter Coordinator Sue McDonough at [suem@icep.org](mailto:suem@icep.org) or 630-495-6400, ext. 201.

# 2nd Edition Military Manual, Instructor Materials Now Available

ITLS International is proud to announce the publication of the ITLS Military 2nd Edition. The program textbook and dedicated Instructor Materials are in stock now and ready for use at new ITLS Military courses.

The cost of the manual to ITLS Illinois customers is \$47 per book — a savings of \$3 per book. To place your order, contact the ICEP Bookstore at 630.495.6400, ext. 213 or email [bookstore@icep.org](mailto:bookstore@icep.org). At this time, online ordering is not available for ITLS Illinois at [itraumailinois.org](http://itraumailinois.org).

Dedicated instructor materials include ITLS Military slides, instructor guide, and exams. Instructor guide and exams are available at no charge but must be requested from ITLS Illinois Chapter Coordinator Sue McDonough.

The Military Provider Course Instructional Slides (PowerPoint) are also available from ICEP/ITLS Illinois at a cost of \$30.

The ITLS Military 2nd edition text is a custom edition of the ITLS Provider manual, developed by military medical providers from medics to physicians, incorporating their recent combat experiences. The military-based

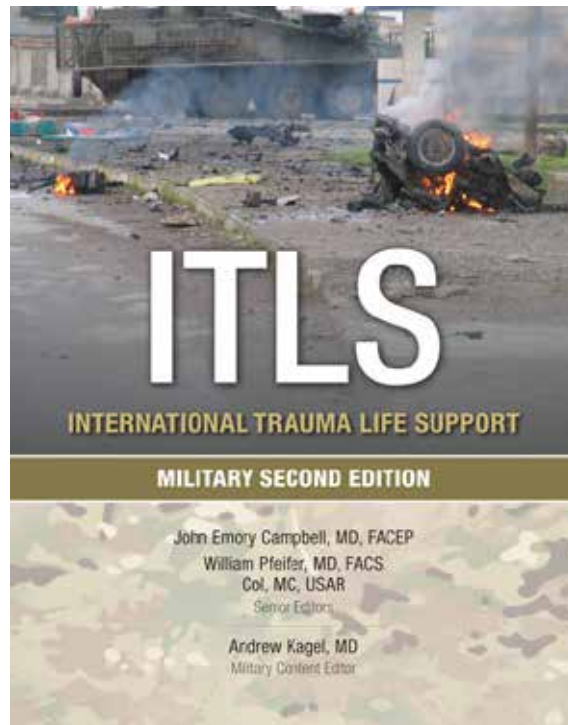
scenarios are customized for the challenges faced by military personnel. The text can be used as the course manual for an ITLS Military Provider course or as a stand-alone resource.

## Who can take the ITLS Military Provider course?

Anyone who can take an ITLS Provider course may take the ITLS Military Provider course. The course is NOT a tactical EMS course. It is a military-based version of the ITLS Provider course. Most participants are active-duty military, National Guard, or in the Reserves. Students receive an ITLS Advanced or Basic Military Provider card and certification upon successful completion of the course.

## Who can teach the ITLS Military Provider course?

In addition to the requirements for Instructor status, there are specific qualifications for teaching the ITLS Military 2nd Edition course. Anyone involved in the planning, delivery or coordination of the course should have military experience. In addition, those who taught the 1st edition ITLS



Military course may continue to teach the course.

In unusual circumstances, a physician or other military medical provider (medic, paramedic, nurse, nurse practitioner, or physician assistant) who has not taken the instructor course may help teach an ITLS course. However, this may be done only with the permission of the Chapter or Training Centre medical director or advisory committee.

# ITLS International Launches New Website

If you haven't visited [ITRAUMA.org](http://ITRAUMA.org) recently, take a moment to check out the redesigned website for ITLS International.

The new site launched at the end of May and features an updated look and content:

- Easy to use and navigate, with informational resources organized specifically for students, instructors or coordinators
- Integrated log-in to the ITLS CMS di-

rectly from any page of the site — it's now quick and easy for course coordinators to access CMS to administer courses

We hope you'll take a moment to explore the new site and discover the resources available to you as well as to your students and prospective students. It's packed with information and makes it easy to connect with ITLS on social media, email and events.



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## Considerations for Pediatric Patients and School Policies

Until additional personnel arrived on scene, the green triaged patients were a bit difficult to corral. We found that some of the children were trading triage tags so they had their favorite color or could sit with their friends who were another color. Once more personnel arrived on scene, it was much easier to control.

Parents were required to show photo ID and to sign a refusal of care form for their child if they were taking them from the scene. The principal of the school was also available to assist with identifications. The incident occurred only ½ mile from the destination school.

Region 2 has a well-practiced “school bus policy” which requires each bus to carry a roster of students (both to and from school and for extracurricular activities). Each school has a “designated school official” who will come to the scene if possible and assist with parent notifications and identifications. The designated school official is also authorized to sign refusal of care for students not injured based on the paramedics’ assessments if a signed statement from parents was provided at the beginning of each school year. If a parent has not signed the form, the child will always be transported.

The “school bus policy” includes categories of acuity which determines some of the transport decisions automatically. Any special needs school bus will have all students transported to hospitals.

## MABAS Response

An initial request for a box alarm response brings in:

- 2 Marseilles ambulances
- 1 Seneca ambulance
- 1 Ottawa ambulance
- 1 Sheridan ambulance
- 1 Morris ambulance

Upon arriving at the scene, the MABAS response was upgraded to a 3rd alarm, which brings in all of the above plus:

- 1 Allen Township ambulance
- 1 Utica ambulance
- 1 Newark ambulance
- 1 Streator AMT ambulance
- 1 Peru ambulance
- 1 Minooka ambulance

Of all of the above departments Allen Township was the only one unable to respond. Both Ottawa and Seneca offered a second ambulance, which we accepted and they provided.



# ILLINOIS ITLS *news*

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Downers Grove, IL 60515

## 2014 Advisory Committee Dates

The ITLS Illinois Advisory Committee has three meetings scheduled in 2014. The upcoming meeting dates are:

- **Wednesday, September 17, 2014**
- **Wednesday, December 10, 2014**

As a reminder, all Affiliate Faculty are **required** to attend **one meeting every 2 years**. Attendance at additional meetings is optional.

Meetings are held from 10:00 AM to 12:00 PM at the ICEP office in Downers Grove, as well as at Illinois Central College in Peoria and Memorial Hospital in Belleville. Videoconferencing will be available at all sites so you can attend at the location most convenient to you.

*the Illinois Chapter of International Trauma Life Support*

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**ITLS**

International Trauma Life Support  
ILLINOIS

## Upcoming ITLS Illinois Courses

For the most updated list of upcoming courses in ITLS Illinois, including registration information, please visit <http://cms.itrauma.org/CourseSearch.aspx>. You do not need to log in to access this page. Here are a few upcoming 2014 courses in Illinois:

### **July 18 or July 19: Combined Provider Recert**

Registration: Ed Kemnitz T 217-428-8641  
DATC, Decatur, IL

### **July 18: Combined Provider Recert**

Registration: Shelley Peelman T 217-359-6619  
Presence Regional EMS, Champaign, IL

### **Aug. 12: Combined Provider Recert**

Registration: Dale Tippett T 309-624-3101  
PAEMS Office, Peoria, IL

### **Aug. 13-14: Combined Provider Certification**

Registration: Dale Tippett T 309-624-3101  
PAEMS Office, Peoria, IL

### **Aug. 27-28: Advanced Provider Certification**

Registration: Kerri Bates T 618-690-3405  
Greenville Regional Hospital, Greenville, IL

### **Sept. 18-19: Combined Provider Certification**

Registration: Dean Buch T 618-223-4378  
MedStar Ambulance, Belleville, IL

### **Sept. 26-27: Combined Provider Certification**

Registration: Karyn Eisemann T 618-257-5736  
Memorial Hospital, Belleville, IL

### **Oct. 17 or Oct. 18: Combined Provider Recert**

Registration: Ed Kemnitz T 217-428-8641  
DATC, Decatur, IL

### **Oct. 18-19: Combined Provider Certification**

Registration: Sheri Barnett T 217-258-2403  
Sarah Bush Lincoln Health Center, Mattoon, IL