



AESCULAPIUS TEMPLE IN ROME (VILLA BORGHESE)

Rome - April 15-16, 2010

Simulation Training in Vascular Access

PRELIMINARY PROGRAM

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Course Co-Directors:

Ingemar Davidson, Dallas, Texas, USA

Salvatore Di Giulio, Rome, Italy

Bart Dolmatch, Dallas, Texas, USA

Maurizio Gallieni, Milan, Italy

Mauro Pittiruti, Rome, Italy

The vision of modern, evolving medicine and surgery includes an increased attention to patient safety and innovation in medical education.

Diagnostic and therapeutic procedures are increasingly challenging because of technical difficulties and of changing patient characteristics. In the field of vascular access, patients are getting more and more older and clinically unstable.

In this perspective, the use of simulators for medical and surgical training is gaining in popularity, and the scientific literature on this topic is expanding dramatically.

Simulation allows educators to control the training environment, protect patients from harm, and standardize procedures. More importantly, it also potentially improves patient outcomes, compared to traditional patient-based training.

This meeting addresses for the first time in the field of vascular access the tremendous potential of simulation training for the growth of vascular access management in dialysis and oncology patients.

Preliminary Program

Day 1 - Thursday - April 15, 2010

8:30- 8:45 Registration/Breakfast

8:45- 9:00 Welcome to Rome (G. DI GIULIO);
Housekeeping. Audience polling (M. GALLIENI)

Session 1.

9:00-10:00 Taking Vascular Access to a New Standard

Chair: I. DAVIDSON

- Defining dialysis access: center effect, culture and accountability determine safety (I. DAVIDSON/B. DOLMATCH)
- Lessons from the flight deck (P. BROWNE, Aviation Pilot)
What can we learn from aviation; similarities aviation - health care settings; Safety first; the importance of communication.
- How simulation centers can improve health care outcomes
(D. SLAKEY/I. MAHLER)

Audience Q&A; Discussion

Session 2.

10:00-11:00 The Reality Beyond Simulation

Chair: I. DAVIDSON

- Access situations we can't train for (E. CHEMLA)
- Optimization of Dialysis access. PD, Grafts or Fistulae:
Who Draws the line? (I. DAVIDSON)
- Beyond Simulation: The Discretionary Space (I. MAHLER)

Audience Q&A; Discussion

11:00-11:30 *Coffee break*

Session 3.

11:30-12:30 Detailed Surgical and IR Techniques for Better Outcome

Chair: M. GALLIENI

7. The optimal use of ultrasound in dialysis access (M. MEOLA)
8. Surgical tips in Dialysis Access (I. DAVIDSON)
9. Simulation training of interventional radiology techniques (B. DOLMATCH)

Audience Q&A; Discussion

12:30-14:00 *Lunch*

Session 4.

14:00-15:00 Simulation Training models in Hemo-access creation

Chair: E. CHEMLA

- Simulators: What they do and do not (Airline Pilot)
- The “13 Turkey Steps” to puncture peripheral and central veins (M. PITTIRUTI)
- Standardized “dummies” in Vascular access (M. PITTIRUTI)

Audience Q&A; Discussion

Session 5.

15:00-16:00 Human Factors (HF) in Vascular Access

Chair: TBD

- “Sterile Cockpit”, checklists and briefing: Why it must work in the OR and elsewhere? (Aviation Pilot/I. DAVIDSON)
- How we communicate: Red Talk-Green Talk (P. BROWNE)
- How to stop vein abuse (TBD)

Audience Q&A; Discussion

16:00-16:30 *Coffee break*

Session 6.

16:30-18:00 Simulation Training

Chair: M. GALLIENI

- Training for learning to communicate with patients: The PERCS seminars (Program to Enhance Relational and Communication Skills) (LAMIANI/MOJA)
- Simulation Center Techniques as a way to Improve Health Care Outcomes (D. SLAKEY/I. MAHLER)
- Web-based simulation training for interventional radiology (B. DOLMATCH)

Audience Q&A; Discussion

Adjourn

Day 2 - Friday - April 16, 2010

8:30- 8:45 Registration/Breakfast

8:45- 8:50 Good morning and Housekeeping.
Designing participants to specific sessions.

9:00-13:00 “The Frontiers of Practice”

Concurrent Breakout sessions

Repeated sessions with rotations in small groups.

Length of sessions: 50 min and 10 min break to rotate;

Session A is “hands on”.

Session B and **C** are roundtable discussions.

Session D is based on case presentations.

Session E is a PERCS seminar: Actors simulating common (difficult) scenarios on how to deliver bad news. This session will have two rotations only: 9:00-10:50 and 11:00 to 12:50

9:00- 9:50 First Rotation

10:00-10:50 Second Rotation

11:00-11:50 Third Rotation

12:00-12:50 Fourth Rotation

Session 7A.

Hands on Skills’ lab (M. PITTIRUTI/M. MEOLA/ASSOCIATES)

“Hands on” procedures (multiple stations in the same room):

- Central vein
- Peripheral Vein
- The 13 Turkey steps (Ultrasound guided vascular access cannulation)
- Proper use of Ultrasound/Duplex

Session 7 B.

Lessons from the flight deck (P. BROWNE, Aviation Pilot)

Discussion topics:

- Crew resource management
- Safety and Accountability: Drawing the line
- ‘Just Culture’ (Dekker’s book)
- Hudson Landing: (“Walking on water”)
- Discretionary Space
- How to teach crisp, clear, concise, timely... communication
- “Black Box” in the operating room? Would it work?

Session 7 C.

Healthcare Simulation (D. SLAKEY, I. MAHLER, J. KORNDORFFER)

Discussion topics:

- Why Simulation. Simulation center designs
- “See One, Do One , Teach One”
- To Err is Human
- First Do No Harm
- Data supporting Simulation (the ACS Paper)
- The sterile cockpit concept

Session 7 D.

Case Simulations as a Teaching Tool (B. DOLMATCH/E. CHEMLA/TBD)

- What would you do?
- Interventional radiology cases/Surgical cases/Interventional nephrology cases

Session 7 E.

A relational revolution: difficult conversations and everyday ethics (PERCS Session with actors) (LAMIANI/M. GALLIENI)

The Program to Enhance Relational and Communication Skills (PERCS) began at Children’s Hospital Boston in 2002 by offering innovative, experiential day-long workshops focused on difficult conversations in pediatric critical care. PERCS seminars then expanded their scope to apply to a wide range of difficult conversations in pediatric as well as adult healthcare.

13:30-14:30 *Lunch*

Session 8.

14:30-16:00 Meeting Summary

Discussion/Questions from the Audience
Prepared Polling Questions
Where do we go from here?

16:00 Adjourn

Program Co-Directors:

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Salvatore Di Giulio, Roma, Italy

Bart Dolmatch, Dallas, Texas, USA

Maurizio Gallieni, Milano, Italy

Mauro Pittiruti, Roma, Italy

Invited Speakers (provisional list)

Eric Chemla, London, U.K.

Ingemar Davidson, Dallas, Texas, USA

Mario Meola, Pisa, Italy

Isis Mobler, Lund, Sweden

Mauro Pittiruti, Roma, Italy

Douglas Slakey, New Orleans, Louisiana, USA

Jim Korndorffer, Tulane New Orleans

Patrick D. Browne, USA

Cathy Dees, SW Airlines CRM Captain

Jim Dees B777 Captain

Billy Nolan AA HF safety Captain

General Information

DATE

April 15-16, 2010

VENUE

The Simulation Training in Vascular Access will be held at the Boscolo **Hotel Exedra, Piazza della Repubblica, 47 - 00184 Rome (Italy), located in the City-Center**

REGISTRATION FEE

Before February, 28 - € 300,00 + VAT 20% After February, 28 € 400,00 + VAT 20% on site € 500,00 + VAT 20%

LANGUAGE

The official language of the Course will be English. An English-Italian / Italian-English simultaneous translation service will be provided

ECM - For the Italian Participants:

Course will participate at the ECM Program (Educazione Continua in Medicina)

UEMS - For the European Participants:

Course will Participate at the UEMS Project (European Union of Medical Specialists)

ACCME - For the U.S. Participants:

Course will be recognized through the accreditation council for Continuing Medical Education

ORGANIZING SECRETARIAT



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