

MASTERY OF TRAUMA

MoT

A HANDS-ON COURSE FOR DAMAGE CONTROL SURGERY PROCEDURES

27-29 NOVEMBER 2023

AIM

Improve knowledge and awareness about damage control surgery (DCS) principles and procedures among general surgery residents.

Intended for 12 senior surgical residents (3rd/4th/5th years of residency).

FACULTY

Course Director:

Oswaldo Chiara, Prof of surgery, MD, FACS
Stefania Cimbanassi, Prof of surgery, MD,
EMDM, FACS

Faculty members:

Michele Altomare, MD
Roberto Bini, MD
Stefano Cioffi, MD
Federica Renzi, MD
Francesco Viridis, MD

EVENT VENUE

AIMS Academy (ASST Grande Ospedale Metropolitano Niguarda)
Piazza Ospedale Maggiore, 3 – 20162 Milano (MI)

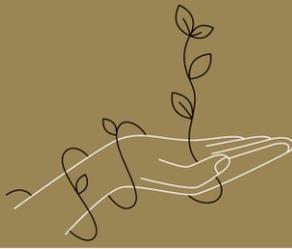
SUBSCRIPTION FEE

Three days theoretical and hands-on course 490* € + IVA /pers

* Special reduced price thanks to the contribution of 900€/pers (net) of *Il Futuro nelle Mani*, AIMS Academy found for resident hands-on education.

LINK FOR SUBSCRIPTION

<https://www.aimsacademy.org/events/mastery-of-trauma-2/>



PROGRAMME

DAY 1 — THEORETICAL PART

Monday 27th November 2023

09:00 – 09:30: **Registration / Faculty meeting**

09:30 – 09:45: **Welcome and Introduction**

(Chiara, Cimbanassi)

09:45 – 10:15: **Trauma bay: management and diagnostic of major trauma patients**

(Chiara)

10:15 – 10:35: **Acute Blood Loss and Massive Transfusion Protocol**

(Cioffi)

10:40 – 11:10: **DCS procedures in Shock Room**

(Altomare)

- Decompressive thoracotomy/chest drain placement
- Emergency Department Thoracotomy (EDT)
- Extraperitoneal Pelvic Packing (EPP)
- Resuscitative Balloon Occlusion of the Aorta (REBOA) placement

11:15 – 11:35: **DCS: head, face and neck**

(Virdis)

11:40 – 12:00: **DCS: Pelvis and Extremities**

Renzi

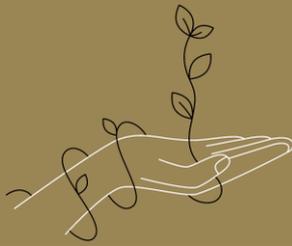
12:00 – 13:00: **Lunch**

13:00 – 15:00: **DCS: Torso**

- Trauma Laparotomy *(Chiara)*
- Diaphragm and Spleen *(Bini)*
- Liver *(Virdis)*
- Pancreas and Duodenum *(Cimbanassi)*
- Kidneys, bladder, and ureter *(Altomare)*
- Lung, heart, and great vessels *(Cioffi)*

15:00 – 16:00: **Clinical Scenarios Faculty**

16:00 – 16:15: **Candidate feedback and Survey**



DAY 2 — FULL-DAY HANDS-ON SESSION ON EX VIVO ORGANS

Tuesday, 28th November 2023

(two trainees for each operating table)

09:00 – 09:30: **Introduction to the ex-vivo session and not-perfused organs procedures**

(Cimbanassi)

09:30 – 12:00: **Change into scrubs and move to skills lab**

Table 1-2: Focus on: Gastric and Duodenal injuries/Splenic injuries *(Renzi/Altomare)*

Table 2-3: Focus on: Heart and Lungs Injuries *(Bini/Virdis)*

12:00 – 13:00: Lunch

13:00 – 13:30: **Introduction to the perfused organs procedures**

(Chiara)

13:30 – 17:00: **Change into scrubs and move to skills lab**

Table 1-2: Focus on: Kidney and Urinary tract injuries *(Cioffi)*

Table 2-3: Focus on: Liver injuries *(Altomare/Virdis)*

17:00 – 17:15: **Candidate feedback and Survey**

DAY 3 — HANDS-ON WET-LAB LIVE TISSUE

Wednesday, 29th November 2023

(three trainees for each operating table)

10:00 – 12:00: **Clinical scenarios Faculty**

12:00 – 13:00: Lunch

13:00 – 13:15: **Introduction to the wet lab session on training models**

13:15 – 17:15: **Change into scrubs and move to skills lab**

Table 1-4 (3 participants per table): operative techniques for penetrating injuries to the chest and abdomen. Each participant will have at least one clinical scenario to be solve.

(Renzi, Altomare, Bini, Cioffi, Cimbanassi, Virdis, Chiara)

17:15 – 18:00: **Candidate feedback, closing remarks and learning assessment test.** Faculty