Advanced Surgical Trauma Care (ASTC) Course

COURSE TIMETABLE

Tuesday Apr. 28, 2026 - Day 1

Time		Faculty
0745-0800	Registration	**Staffs**
0800-0810	Opening Remarks	上級長官(教學副院長)
0810-0820	Course Introductions	Sheng-Der Hsu(許聖德)
0820-0850	Surgical Decision Making in Trauma	Zhi-Jie Hong(洪志杰)
0850-0920	Damage Control Surgery	Wen-Yen Chang(張文演)
0920-0950	Blunt Thoracic Trauma	Chien-Hsing Wang(王健興)
0950-1020	***Coffee Break***	
1020-1050	Penetrating Thoracic Trauma	Chien-Hsing Wang(王健興)
1050-1120	Thoracic Surgical Techniques	Pei-Yi Chu(朱倍儀)
1120-1150	*Thoracic Trauma Case Presentation*	Che-Hsien Chang(張哲銜)
1150-1250	***Lunch Break – Walk through Sponsors Displays***	
1250-1320	Abdominal Trauma	Sheng-Der Hsu(許聖德)
1320-1350	Trauma Laparotomy and TAC	Heng-Fu Lin(林恆甫)
1350-1420	Liver Trauma	Heng-Fu Lin(林恆甫)
1420-1450	Pancreatic and Duodenal Repair	Ping-Hung Liu(劉秉泓)
1450-1520	***Coffee Break***	
1520-1550	Spleen Injury	Chun-Ti Hu(胡竣堤)
1550-1620	Pelvic Trauma	Chun-Ti Hu(胡竣堤)
1620-1650	*Abdominal Trauma Case* Discussion	Ping-Hung Liu(劉秉泓)/ Wen-Yen Chang(張文演)
1650-1700	*Summary of the Day 1*	Zhi-Jie Hong(洪志杰)

Advanced Surgical Trauma Care (ASTC) Course

Group A

Wednesday Apr. 29, 2026 – Day 2

National Defense Medical University (NDMU)

Time		Faculty
0745-0800	Welcome Back – Day 1 Review	Zhi-Jie Hong(洪志杰)
0800-0830	ASTC Ethics Lecture	Heng-Fu Lin(林恆甫)
0830-0840	**Coffee Break**	
0840-0910	Neck and Superior Mediastinum Injury	Heng-Fu Lin(林恆甫)
0910-0940	Head Trauma and Craniotomy	Shao-Wei Feng(馮紹偉)
0940-1010	Head Trauma Case Presentation#	Shao-Wei Feng(馮紹偉)
1010-1040	Vascular Limb Injury	Chien-Hsing Wang(王健興)
1040-1100	**Coffee Break**	
1100-1130	Fasciotomy	Chien-Hsing Wang(王健興)
1130-1215	FAST	Sheng-Der Hsu(許聖德)
	REBOA hand-on workshop	Che-Hsien Chang(張哲銜)
1215-1300	***Lunch Break and moving to Lab***	
1300-1620	Live Tissue Lab	
1620-1635	*Surgical Skills Debrief*	
1635-1700	Closing Remark	Sheng-Der Hsu(許聖德)

Advanced Surgical Trauma Care (ASTC) Course

Group B

Wednesday Apr. 29, 2026 – Day 2

National Defense Medical University (NDMU)

Time		Faculty
0745-0800	Welcome Back – Day 1 Review	Zhi-Jie Hong(洪志杰)
0800-0830	ASTC Ethics Lecture	Heng-Fu Lin(林恆甫)
0830-0840	**Coffee Break and Moving to Lab**	
0840-1200	*Live Tissue Lab*	
1200-1215	*Surgical skills debrief*	
1215-1300	*Lunch Break*	
1300-1330	Neck and Superior Mediastinum Injury	Heng-Fu Lin(林恆甫)
1330-1400	Head Trauma and Craniotomy	Shao-Wei Feng(馮紹偉)
1400-1430	Head Trauma Case Presentation#	Shao-Wei Feng(馮紹偉)
1430-1450	**Coffee Break**	
1450-1520	Vascular Limb Injury	Chien-Hsing Wang(王健興)
1520-1550	Fasciotomy	Chien-Hsing Wang(王健興)
1550-1635	FAST	Sheng-Der Hsu(許聖德)
	REBOA hand-on workshop	Che-Hsien Chang(張哲銜)
1635-1700	Closing Remark	Sheng-Der Hsu(許聖德)

國防醫學大學 NATIONAL DEFENSE MEDICAL UNIVERSITY

三軍總醫院 Tri-Service General Hospital

國防部軍醫局 MEDICAL AFFAIRS BUREAU, MINISTRY OF NATIONAL DEFENSE

台灣外科醫學會 TAIWAN SURGICAL ASSOCIATION

台灣外傷醫學會 Formosa Association for the Surgery of Trauma

Advanced Surgical Trauma Care (ASTC) Course

Wednesday Apr. 29, 2026 – Day 2

LIVE TISSUE LAB – GROUP A ALLOCATION

GROUP A1	**GROUP A2**
Faculty: 林恆甫(lecture)、張文演 *Participants:4 人*	*Faculty: 王健興(lecture)、劉秉泓* *Participants:4 人*
GROUP A3	**Group A4**
Faculty: 許聖德(lecture)、胡竣堤 *Participants:4 人*	*Faculty: 張哲嶺(lecture)、朱倍儀、洪志杰* *Participants:4 人*

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*Anatomy LAB – GROUP **B** ALLOCATION*

GROUP B1	**GROUP B2**
Faculty: 林恆甫(lecture)、張文演 *Participants:4 人*	*Faculty: 王健興(lecture)、劉秉泓* *Participants:4 人*
GROUP B3	**Group A4**
Faculty: 許聖德(lecture)、胡竣堤 *Participants:4 人*	*Faculty: 張哲銜(lecture)、朱倍儀、洪志杰* *Participants:4 人*

課程大綱

SURGICAL SKILLS in Animal Lab for Surgeons

Abdomen and Femoral region

- ***Pre-peritoneal pelvic packing***
- ***Pericardial window in Xiphoid access***
- ***Exposure of femoral artery***
- ***Temporal Vascular shunt***
- ***Trauma laparotomy***
- ***Spleen vascular control/splenectomy***
- ***Left to right visceral medial rotation (Mattox maneuver)***
- ***Exposure of left kidney/nephrectomy***
- ***Supraceliac control of Aorta***
- ***Aorta exposure to root of mesentery***
- ***Liver packing/Liver repair***
- ***Pringle Maneuver***
- ***Right to left visceral medial rotation***
- ***Management IVC injury***
- ***Control iliac vessel in abdomen***
- ***Ureteral Stenting/Repair***

Chest

- ***Left anterolateral thoracotomy***
- ***Open pericardium after thoracotomy***
- ***Descending Aorta cross clamp***
- ***Clamshell Thoracotomy***
- ***Pulmonary tractotomy and Hilar twist***
- ***Manage Cardiac Injury***

CMC Training Skills in Animal Lab for Combat Medics

- ***IO injection***
- ***Junctional Hemorrhage Packing***
- ***Tourniquet application***
- ***Needle Decompression/Finger Thoracotomy/Tube Thoracotomy (Chest Tube Insertion)***
- ***Cricothyrotomy***