



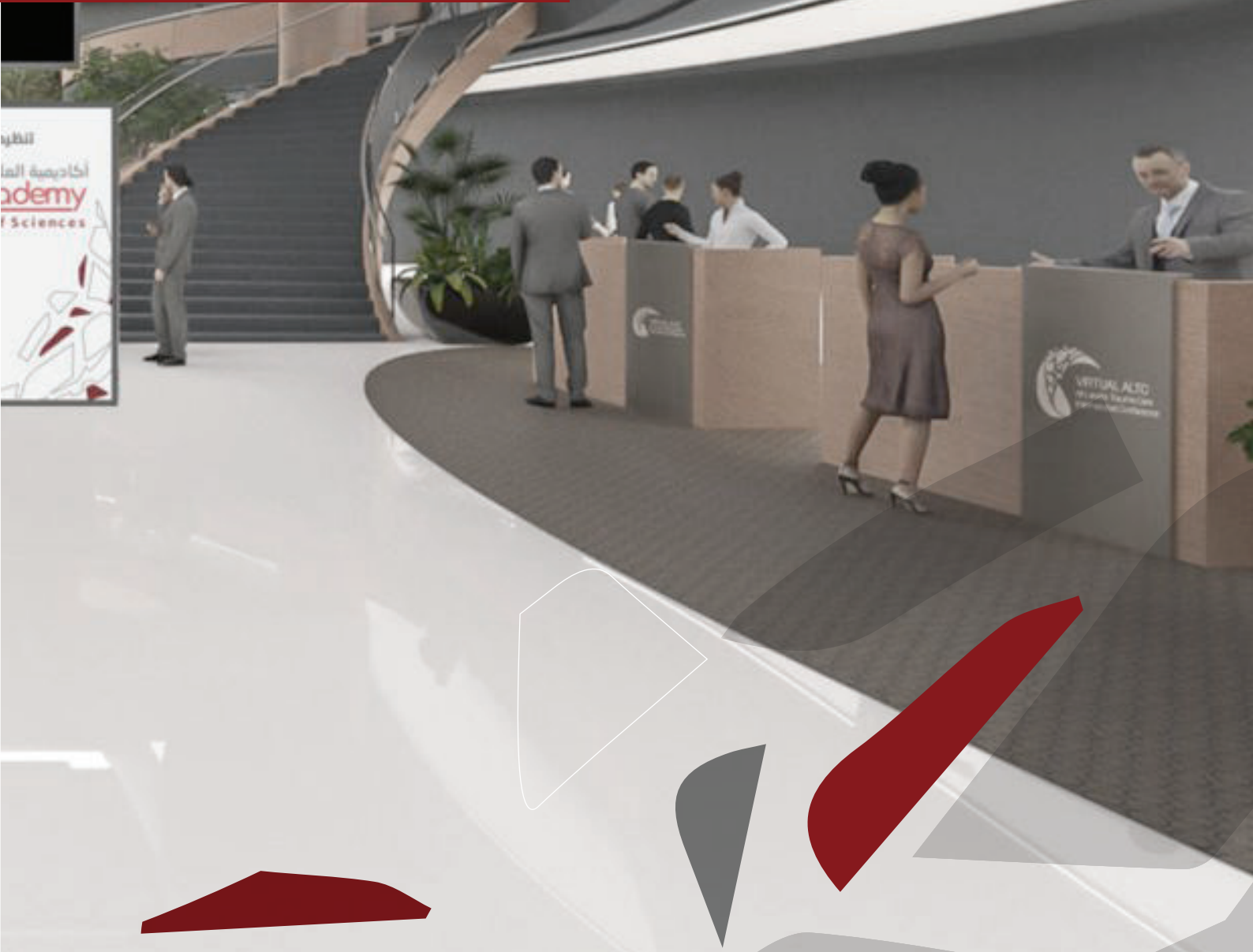
3D VIRTUAL ALTC
All Levels Trauma Care
International Conference


ORGANIZED BY



PROFILE

ALL LEVEL TRAUMA
CONFERENCE - 2021



 ALTC@aos-ksa.com

 <https://altc.aos-ksa.com>

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Message from Chairman

Dear Colleagues and Trauma Family,

We announce the 2nd All Level Trauma Care with pleasure and excitement. We were encouraged by the previous year's success. You boosted our confidence and willingness to start an ALTC series, repeated every year, the feedback we have received after the conference, along with your precious suggestions were taken seriously.

As per your valued suggestions and input, the focus this year is on trauma systems and trauma quality, encompassing Trauma at all levels, especially in low- and mid-income countries, learning from the experience of countries that have been conducting this work for many years and are pioneers in the field. We are working on including a higher number of global societies and organizations whose work aims to decrease the mortality and morbidity resulting from Trauma, implement preventive measures on national and global levels, and address challenges in low resources areas.



We specifically thank the United Nations and the World Health Organization for collaborating with us and their robust participation. It will be exciting to hear their perspectives and learn from their global experience.

I am very grateful for all the support from; COT, ATLS, STN, NAEMT, SRCA, SASEM, SGSS, ESO, SPA, Saudi Anesthesia Society, MGH, WITS, AO, Center for Improving Value in Health, WADEM, KSA Military Medical services, ISTAC and ATLS Regions XVI, and all the other entities who are still joining us, and their willingness to support in making this unique event a successful one.

In this event, we are proud to promote and announce the launch of the Pan Arab Society under the leadership of Dr. Haitham Kaafarani.

I am grateful for the efforts, creativity, innovation, and continuous support of the ALTC co-chair Dr. Hassan Mashbari, the Advisory and the Scientific committees, and all the speakers. Last but not least, I want to thank the fantastic AOS team for managing this conference lead by Ms. Diana Skaff.

We were hoping to run a hybrid conference this year; unfortunately, the pandemic and continuous restrictions did not allow that. The experience of the 3D was terrific last year, we continue to use a 3D platform with a different flavor, and we hope that we meet you all, in person, for the 3rd ALTC 2022.

Saud AlTurki, MD, FACS

Chief Executive Officer, Academy of Sciences
Chairman of ALTC

Introduction and Needs Assessment

- **About Trauma**

Trauma is a disease; its prevention is crucial and saves lives. Berwick et al. (2016) highlighted that the innovation in trauma care has accelerated, spurred by the significant burden of injury. During recent wars, the percentage of wounded service members who died in the line of duty decreased from %23 to %9.3. Effective bleeding-control measures, improved resuscitation techniques, and aggressive neuro-critical care interventions are among many advances that saved lives on the battlefield (Berwick et al., 2016). These advances do not only affect the battlefields, in fact, the journey in trauma is a war zone close to home.

Rapid industrialization and urbanization in low- and middle-income countries (LMICs) have shifted the focus of the global burden of disease toward trauma (Callese et al., 2015). Murray and Lopez (1996) predicted that road traffic incidents was moving from the 9th leading cause of death in the 1990s to the 3rd in 2020, which became a fact as proven by the WHO and CDC studies. The shifting of disease epidemiology toward acute illness and trauma has made the development of emergency medical services and trauma service (EMS and TS) systems a national public health priority in several countries, especially low and middle income ones (Callese et al., 2015). Traumatic injury causes, and its subsequent diagnoses and procedures were significantly changed by the pandemic. During times of pandemic related restrictions including shelter-in-place and social distancing orders, hospitals must prepare for more than the potential demand of an influx of infected patients (Salotto et al., 2021).

Trauma systems in resource-rich countries have decreased mortality for trauma patients through centralizing resources and standardizing treatment (Callese et al., 2015). An ideal trauma system includes all the components identified with optimal trauma care, such as prevention, access, prehospital care and transportation, acute hospital care, rehabilitation, and research activities (Committee on Trauma, 2014). The development and implementation of national norms or guidelines for trauma care have been advanced by emergency, pre-hospital, and trauma communities.

Observations and studies conducted since the late 90s and early 2000, indicate a reduced frequency and risk of death in states with established trauma systems (Hedges et al., 2002). Since then, studies have been conducted in areas with rural care and level III trauma systems, and major improvements have been detected and documents with the established standardized trauma guidelines, education, certification, and trauma systems implementation. An estimated 1000 to 2000 lives were saved by widespread correct use of the tourniquet (Berwick et al., 2016). Thus, what would a more holistic system do?

Some of the countries built on pre-existing systems, others started from scratch. Some of the initiatives undertaken were; extensive and intensive training of the EMS, increase funding to EMS and TS, improve dispatching systems, comprehensive needs assessment, establishment of trauma registries, involvement of key shareholders and the limitations are many.

- **Trauma Registries**

Research on the quality of trauma registries is scarce. Data in trauma registries need to be reliable when used for evaluation of injury management, trauma protocols and hospital statistics. Maintaining a high level of accuracy and consistency within the registry poses a challenge when many people are involved in the registration process (Horton et al., 2017). Inaccurate or incomplete documentation lead to problematic indexing and coding, and negatively affects the registrar and the quality of the trauma registry and limits its efficient use.

- **Post-Trauma Care**

Most studies of quality of life after injury have been performed with severely injured patients. Recovery after minor injury remains an unexplored area although a greater proportion of trauma results in minor injury. Minor trauma can lead to medical costs, loss of income, and psychological symptoms that can interfere with everyday life and prevent patients from returning to preinjury level of functioning (Nasirian et al., 2020).

Trauma patients suffer from physical and emotional impairment such as remaining in pain, stress and anxiety up to several years after the trauma, which emphasizes the importance of post-trauma follow-up (Llaquet Bayo et al., 2018; Stergiannis et al., 2014; Wad et al., 2018, as cited in, Nasirian et al., 2020).

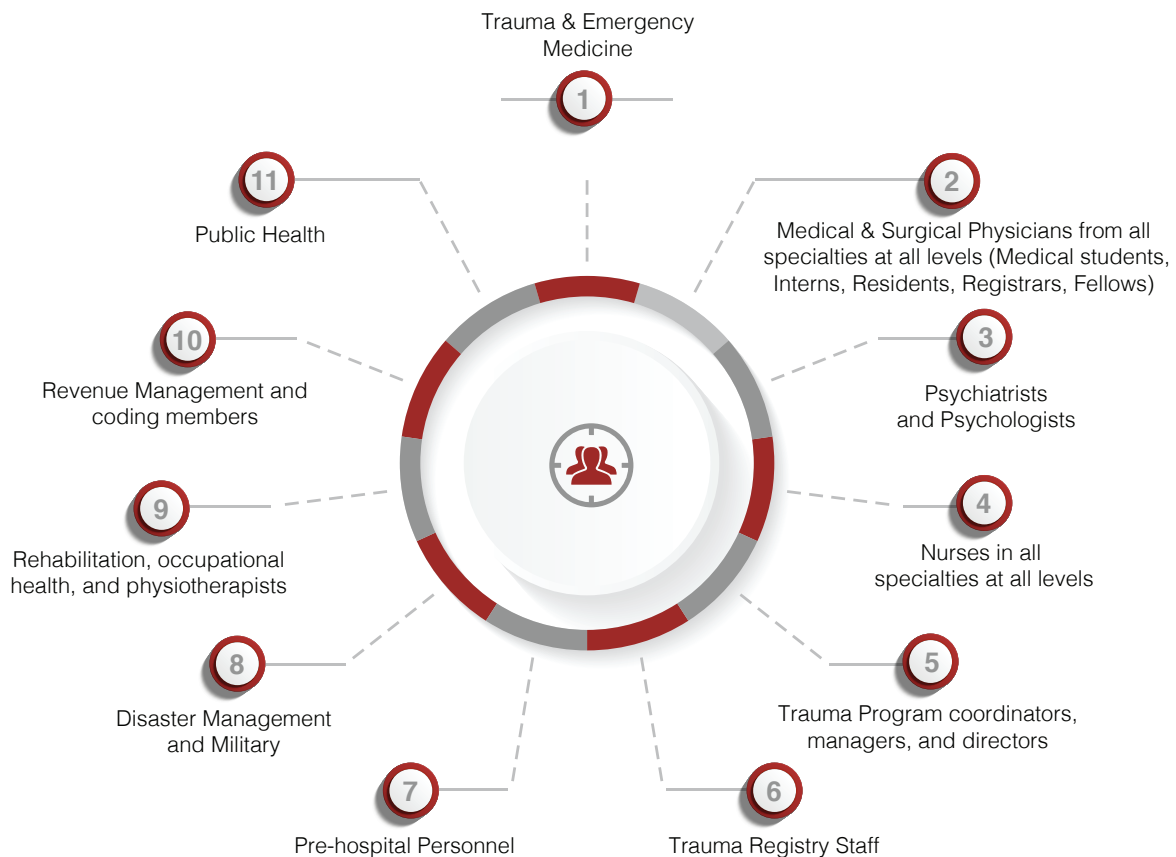
Description Of The Event

The above-mentioned highlight the importance of Trauma awareness, education, systems, registries, and multidisciplinary collaboration. COVID19- pandemic did not make this complex disease management easier. In 2020, the Academy of Sciences (AOS) identified the need to maintain a global network to address Trauma at all levels. ALTC 2020 was a great success; more than 200 leaders chaired sessions and addressed more than 3,000 healthcare providers and pioneers joined from 50 countries worldwide. The feedback and level of satisfaction was huge. ALTC 2021 aims to address Trauma at all levels amid a pandemic, taking into consideration the limitations and the global needs for comprehensive, low cost, efficient, and reachable trauma systems and registries, while addressing Trauma quality and appropriate measures to put in place for an improved system. The activity will be virtual, using a 3D virtual platform to bypass the pandemic and travel limitations and reach out to healthcare providers from all specialties, at all levels, from all the globe. It will be conducted over 3 days with 5 parallel sessions, on November 6-8, 2021 (starting at 15:00 Riyadh time, GMT+3) and will be submitted to local and international accreditations.

Workshops will be conducted 1-2 weeks after the conference

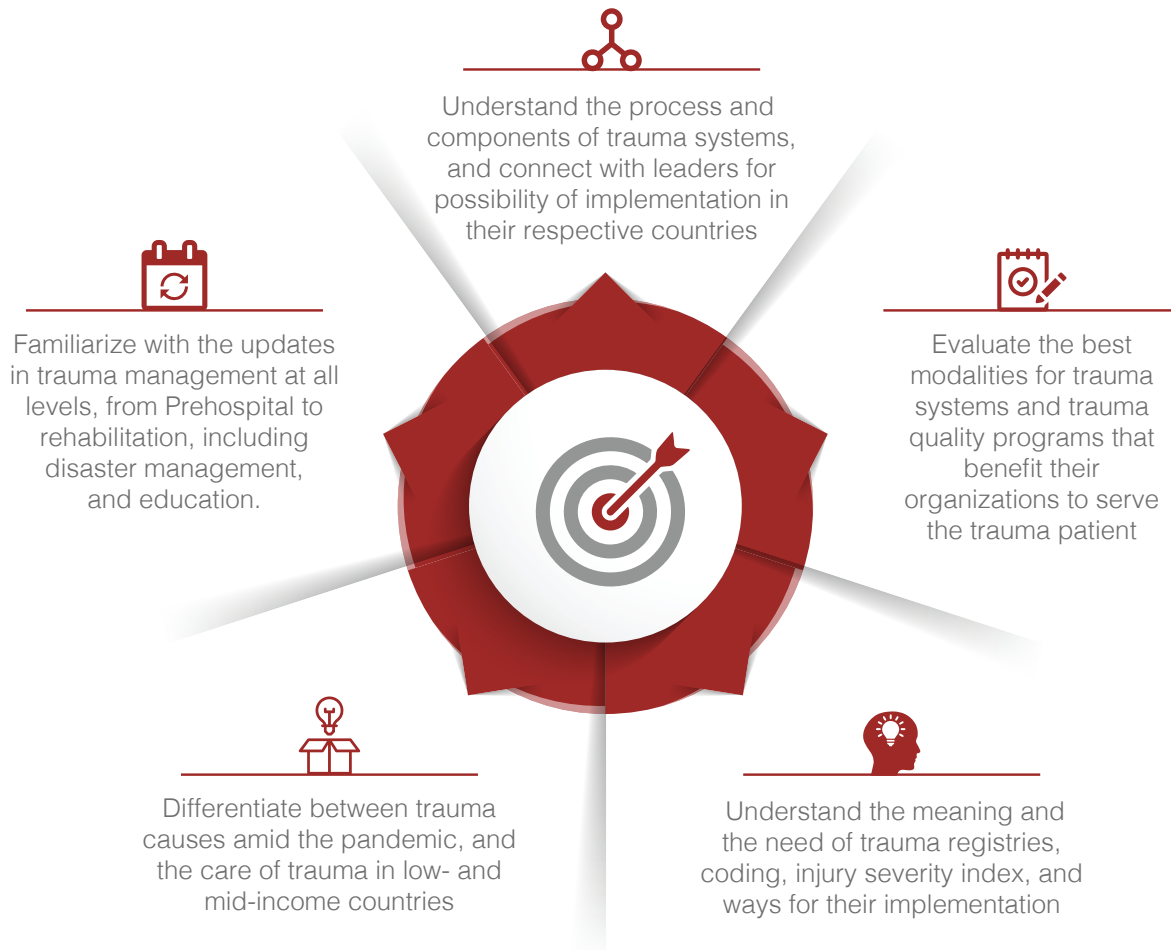
Target Audience

The target audience is unlimited, the number expected to attend exceeds 3,000 participants. The target audience categories is as per the following, but is not limited to:

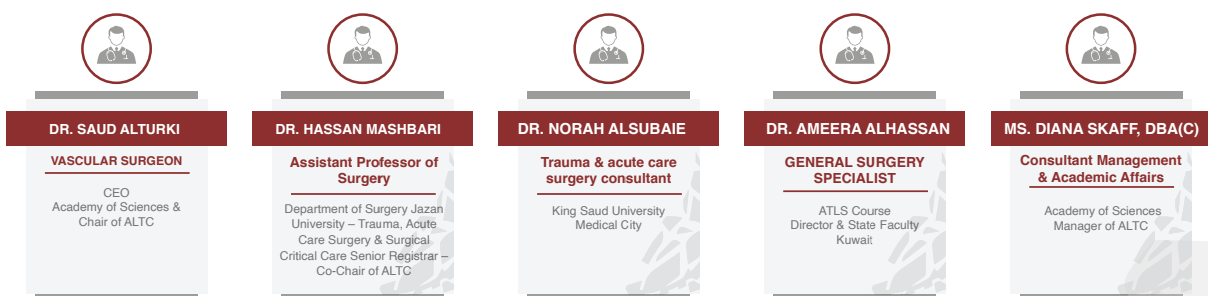


Objectives

By the end of this activity, attendees will be able to:



Advisory committee



Organizing Committee

Dr. Mohammed Ashour Nimnim - Pediatric Emergency Specialist, MSc Quality and Patient Safety, LSSMBB, Chairman Department Quality Committee, RCSI Mentor Network

Dr. Afnan Almass – Head of Emergency Medicine Department & Head Of Academic and Training Affairs department, AdDAriyah Hospital

Dr. Mohammed Talaat Rashid – Emergency Medicine Associate Consultant, Saudi German Hospital, Masters Hospital Administration, EMDM, MRCEM, ADDM

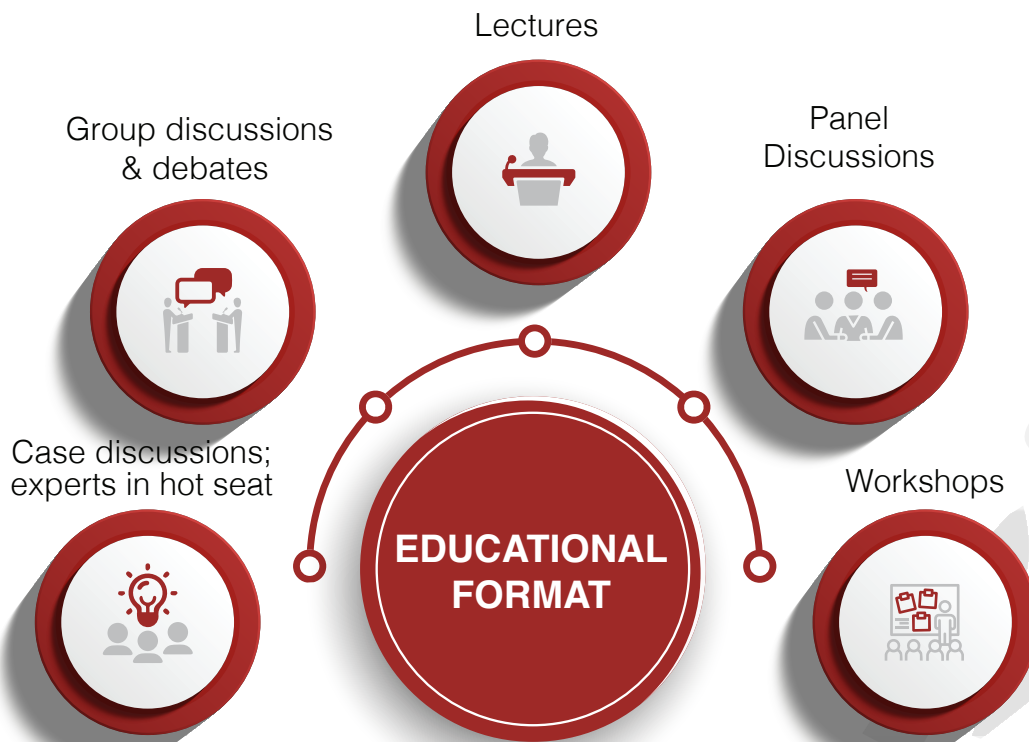


Scientific Committee

Committee On Trauma	National Association Of Emt
Dr. Eileen Bulger Dr. Michael C. Chang Dr. Brian J. Eastridge	Ms. Pamela Lane Mr. Kenneth D'alessandro
Who	Unitar & Gsf
To be determined	Dr. Geoff Ibbotson
Society Of Trauma Nurses	Advanced Trauma Life Support
MS. MARIA MCMAHON MS. SARAH MATTOCKS MS. HEIDI HOTZ MS. AMY KRICHTEN MR. KNUT MAGNE KOLSTADBRAEN MS. JOLENE KITTLE	Dr. Kimberly Joseph Dr. Sharon Henry Dr. Dany Westerland Dr. David Jacobs Ms. Tay Sook Muay Dr. Georges Abi Saad Mr. Samir Ballouz Ms. Kerry Borrego Dr. Nori Bradley Ms. Julie Cwik Ms. Katie Strong Ms. Armen Alvarez
Saudi Red Crescent Association	Saudi Society Of Emergency Medicine
Dr. Jalal Allowais Dr. Fahad Samarkandi	Dr. Abdallah Alotaibi Dr. Nisreen Maghraby Dr. Badr Aldawood Dr. Abdulrahman Sabagh Dr. Imad Khoja Dr. Amani Aziz Alramhan Dr. Mohammed Zaher Mr. Kharsan Al-Mukhlis

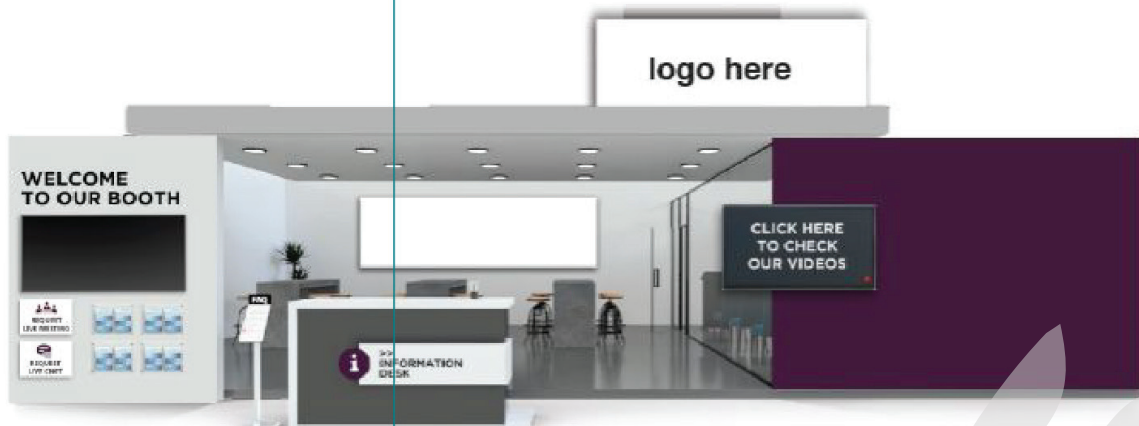
Saudi Physical Therapy Association	
Dr. Ali Albarrati Dr. Mohammad Alsubaie	
Women International Trauma Surgeons	AO
Dr. Eileen Bulger Dr. Kimberly Davis Dr. Maria Jimenez	Dr. Abdallah Alzahrani Dr. Hani Sulaimani
Saudi Anesthesia Society	Saudi General Surgery Society
Dr. Mohammad Alharbi	Dr. Wael Takshkandi
Indian Society for Trauma & Acute Care	Eso - Trauma Registry
Prof. Mahesh Mishra Prof. Subodh Kumar Prof. Amit Gupta	Mr. Garrett Hall
Military Ksa	
To be confirmed	
Pan Arab	Massachusetts General Hospital Trauma Psychiatry
Dr. Haitham Kaafarani Dr. Bilal Joseph	Dr. Mladen Nisavic Dr. Ashika Bains Dr. Diana Punko

Educational format



Exhibition

A 3D virtual exhibition will take place during the conference, with live streaming. A representative from the exhibitor's side will also be present at all times.



Rooms Distribution General Overview

Day 1 - November 6th

Opening Ceremony 15 mins				
Keynote speech: Dr. Lenworth Jacobs 30 mins Solving problems: People, Partners, Implementing and Sustaining Change				
Main Room	Room 1 Nursing	Room 2 Mixed	Room 3 Mixed	Room 4 Mixed
Session 1: COT Trauma Systems 2 Hours session	STN Full track 6 Hours	SGSS & CC 4 Hours Session	Education 3 Hours session	AO Saudi Chapter 4 Hours Track
Session 2: COT Quality 2 Hours session		Training of future trauma specialists and leaders 3 hours session	WITS 3 Hours session	
Session 3: Trauma Registry 2 Hours session				

Day 2 - November 7th

Main Room	Room 1 ATLS Trauma Systems and Quality	Room 2 Emergency Medicine	Room 3 Pre-Hospital	Room 4 Post Trauma Care
UNITAR - GSF 1.5 Hours Session	ATLS Full track 6 hrs	SASEM Full track 6 hours	NAEMT & SRCA Full track 6 hrs	SPA rehab 3 Hours session
WHO 2 Hours Session				MGH 2 Hours session
				Palliative & Reconstructive 1 Hours session

Day 3 - November 8th

Main Room	Room 1 - Indian	Room 2 - Disaster
Saudi Anesthesia Society 3 Hours Session	Indian Society for Trauma & Acute Care Full track 6 hours	Saudi Military Medical Services 3 Hours Session
Pan Arab 3 Hours session		

Draft Program

Day1 - November 6th Main Room

Track Advisor/Moderator: Dr. Saud Alturki & Dr. Mohammed Nimnim

14:30 - 14:33	Usher	Introducing Dr. Saud
14:33 - 14:38	Opening Ceremony	Dr. Saud Alturki
14:38 - 14:41	Usher	Introducing Sponsor 1
14:41 - 14:46	Opening Ceremony	Minister of Health TBC
14:46 - 14:49	Usher	Introducing Keynote Speaker Prof. Lenworth Jacobs
14:49 - 15:19	Keynote speech: Solving problems: People, Partners, Implementing and Sustaining Change	Professor Lenworth Jacobs
15:19 - 15:30	Announcement of Session 1 then break	Introducing plan of the day

Session 1 COT Trauma Systems

15:30 - 17:22	Session Chair	Dr. Brian Eastridge
15:30 - 15:32	Introduction of track and speaker	Chair
15:30 - 15:55	Trauma system experience of the ACS; past, current, and future	Dr. Brian Eastridge
15:55 - 15:56	Introduction of speaker	
15:56 - 16:21	Global Trauma Systems and Promulgations by ACS	Dr. Robert Winchell
16:21 - 16:22	Introduction of speaker	
16:22 - 16:42	Trauma Systems in Low and middle income countries	Dr. Charlie Mock

16:42 - 17:12	Panel discussion	Dr. Brian Eastridge Dr. Robert Winchell Dr. Charlie Mock
17:12 - 17:22	Break	

Session 2 COT Quality

17:22 - 19:17	Session Chair:	Dr. Michael Chang
17:22 - 17:27	Introduction	Chair
17:27 - 17:52	Trauma Quality Programs: Use of data, standards, and verification as a foundation for optimal patient care and outcomes	Dr. Michael Chang
17:52 - 18:17	What is TQIP: Operational overview of the program	Dr. Avery Nathens
18:17 - 18:37	COT International experience and ongoing projects	Dr. Avery Nathens
18:37 - 19:07	Panel Discussion	Dr. Michael Chang Dr. Avery Nathens
19:07 - 19:17	Break	

Session 3 Trauma Registry

19:17 - 20:52	Session Chair:	Mr. Garrett Hall
19:17 - 19:22	Introduction	Chair introduces the session and the speaker
19:17 - 19:42	Keynote speech: Bi-Directional Pre-Hospital and Hospital Trauma Clinical Data and the impact on performance improvement and patient outcomes	Dr. Brent Myer
19:42 - 20:02	How did you go about establishing a trauma registry in your region/country?	Ms. Eman Qzih
20:02 - 20:22	Connecting the Global Trauma Data Ecosystem / Development of an International Data Standard - What are the Data Points?	Ms. Kathleen Martins
20:22 - 20:42	Panel discussion	Dr. Brent Myer Ms. Kathleen Martin Dr. Amit Gupta Ms. Eman S. Qzih Melanie Neal (ACS) TBC
20:42 - 20:52	Closing notes	Mr. Garrett Hall

Room 1 Society of Trauma Nurses

Track Advisor/Moderator: Ms. Diana Skaff

15:30 - 15:45	Track Chair	Maria McMahon, President, Society of Trauma Nurses
15:30 - 15:45	Welcome and opening remarks	Maria McMahon, President, Society of Trauma Nurses

Topic 1 Attaining Optimal Health and Well Being of Our Trauma Nursing Work Force in a Pandemic Era

15:45 - 16:52	Session Moderator	Ms. Helen Jowett
15:45 - 15:47	Introduction	Ms. Helen Jowett
15:47 - 16:07	United States	Dr. Kamela K. Scott, PhD
16:07 - 16:12	Brazil	Prof. Cristiane Domingues
16:12 - 16:17	Jordan	Ms. Saja Alzaben
16:17 - 16:22	India	Ms. Sonia Aiims
16:22 - 16:27	Hong Kong	Mr. Leung Ming
16:27 - 16:42	Panel Discussion	Ms. Helen Jowett Dr. Kamela K. Scott, PhD Prof. Cristiane Domingues Ms. Saja Alzaben Ms. Sonia Aiims Mr. Leung Ming
16:42 - 16:52	Break	

Topic 2 Keynote Speech

16:42 - 17:36	Session Moderator	Ms. Maria McMahon
16:42 - 16:44	Introduction	Ms. Maria McMahon
16:44 - 17:14	Keynote Lecture speaker: The London system initiative	Dr. Mansoor Khan

Topic 3
The Trauma Nursing Great Debate!

“ Hemorrhage Control and Tourniquet Use: Good, or Not Good”

17:14 - 17:56	Session Moderator	Ms. Sarah Mattocks
17:14 - 17:16	Introduction	Ms. Sarah Mattocks
17:16 - 17:26	Debate Pro	Mr. Jimm Dodd (USA)
17:26 - 17:36	Debate Con	Dr. Joakim Joergensen (Norway)
17:36 - 17:46	Discussion	Mr. Jimm Dodd (USA) Dr. Joakim Joergensen (Norway)
17:46 - 17:56	Break	

Topic 4
Empowering Trauma Nurses to Build Trauma Center Programs and Trauma Systems

18:44 - 19:04	Session Moderator	Ms. Heidi Hotz
18:26 - 18:56	USA Experience	Dr. Kate FitzPatrick
18:56 - 19:03	South Korea Experience	Ms. Jiyoung Kim
19:03 - 19:10	South Africa Experience	Ms. Rene Grobler
19:10 - 19:17	Canada Experience	Ms. Amanda McFarlan
19:17 - 19:24	France Experience	Mr. Jean Francois Ringeval
19:24 - 19:34	Panel Discussion	Ms. Heidi Hotz Dr. Kate FitzPatrick Ms. Jiyoung Kim Ms. Rene Grobler Ms. Amanda McFarlan Mr. Jean Francois Ringeval
19:34 - 19:44	Break	

Topic 5
Trauma Nursing Education through simulation training

19:44 - 20:41	Session Moderator	Ms. Jolene Kittle
19:44 - 19:46	Introduction	Ms. Jolene Kittle
19:46 - 20:16	Trauma Nursing Education through simulation training	Ms. Annette Imprescia
20:16 - 20:26	Panel Discussion	Ms. Jolene Kittle Ms. Annette Imprescia
20:26 - 20:41	Break	

Topic 6
Trauma Nursing Across the Continuum: I am a Trauma Nurse!

20:41 - 21:38	Session Moderator	Mr. Knut Magne Kolstadbraen
20:41 - 20:46	Introduction	Mr. Knut Magne Kolstadbraen
20:46 - 20:53	Pre-Hospital	Mr. Joakim Voytovich - Norway
20:53 - 21:00	Emergency Department	Mr. Knut Magne Kolstadbraen - Norway
21:00 - 21:07	Intensive Care Unit	Mr. Brody Eick - USA
21:07 - 21:14	Operating Room	Ms. Catherine Nordahl Hanssen - Norway
21:14 - 21:21	Ward	Ms. Kam Hung Tang - France
21:21 - 21:28	Trauma Program Manager	Ms. Helen Jowett - Australia
21:28 - 21:38	Panel Discussion	Mr. Knut Magne Kolstadbraen Mr. Joakim Voytovich Mr. Knut Magne Kolstadbraen Mr. Brody Eick Ms. Catherine Nordahl Hanssen Ms. Kam Hung Tang Ms. Helen Jowett

Topic 7
Quality

21:38 - 22:21	Session Moderator	Ms. Amy Krichten
21:38 - 21:40	Introduction	Ms. Amy Krichten
21:40 - 22:08	Trauma Performance Improvement & Patient Safety: Educating Front Line Trauma Nurses	Ms. Beth Broering
22:08 - 22:18	Panel Discussion	Ms. Amy Krichten Ms. Beth Broering
22:18 - 22:21	Closing remarks	Ms. Maria McMahon

Room 2

SGSS & Critical Care | Training of Future Trauma specialists and leaders

Track 1 SGSS & Critical Care

Track Advisor/Moderator: Dr. Hassan Mashbari & Dr. Mohammed Talaat
Chair: Dr. Wail Tashkandi - President Saudi General Surgery Society

15:30 - 15:35	Welcome note	Dr. Wail Tashkandi
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Session 1 General Surgery

15:35 - 15:50	Trauma special considerations in Pediatrics	Dr. Salman Ghazwani
15:50 - 16:05	Trauma special considerations in Geriatric	Dr. John Hawabejire
16:05 - 16:20	Trauma special considerations in Pregnancy	Dr. Meshal Alnemary
16:20 - 16:35	Panel Discussion	Dr. Wail Tashkandi Dr. Salman Ghazwani Dr. John Hawabejire Dr. Meshal Alnemary
16:35 - 16:45	Break	
16:45 - 17:00	The difficult stoma in the trauma patients, how to deal with it?	Dr. Mohammed A Widinly
17:00 - 17:05	Q&A	Dr. Mohammed A Widinly
17:05 - 17:20	Open abdomen, how to deal with it?	Dr. Norah Alsubaie
17:20 - 17:25	Q&A	Dr. Norah Alsubaie
17:25 - 17:40	KSA initiative for Blood Blank; modalities to increase the shelf life	Dr. Sultan Alamri
17:40 - 17:55	Q&A	Dr. Sultan Alamri
17:55 - 18:10	Break	

Session 2 Critical Care

18:10 - 18:30	Tele ICU	Dr. Abdullah Alrbiaan
18:30 - 18:50	ED-ICU rapid admission and other potential setups	Dr. Jarone Lee
18:50 - 19:10	Critical Care and ACS/Trauma Surgery, The balance and Sustaining Skills	TBD
19:10 - 19:25	Panel Discussion	Dr. Abdullah Alrbiaan Dr. Jarone Lee TBD
19:25 - 19:45	Sepsis; what the surgeon needs to know	Dr. Ahmed Alburakan
19:45 - 20:05	How to Establish an ECMO Program	Dr. Hassan Al Massloom
20:05 - 20:20	Panel Discussion	Dr. Ahmed Alburakan Dr. Ahmed Al Massloom

20:20 - 20:25	Closing notes	Dr. Wail Tashkandi
20:25 - 20:35	Break	

Track 2
Training of future Trauma Specialists and Leaders
Track Advisor/Moderator: Dr. Hassan Mashbari & Dr. Mohammed Talaat

20:35 - 20:40	Introduction of track	Dr. Hassan Mashbari
20:40 - 21:00	Trauma fellowship program directors	Dr. Clay Burlow
21:00 - 21:10	Q&A	Dr. Hassan Mashbari Dr. Clay Burlow
21:10 - 21:20	Break	
21:20 - 21:22	Introduction	Dr. Hassan Mashbari
21:22 - 21:42	Trauma Managers and Coordinators training	Ms. Heidi Hotz
21:42 - 21:52	Q&A	Ms. Heidi Hotz
21:52 - 22:32	Round table session: Trauma fellowship: the dream, the reality and the challenges	Dr. Ameera Alhasan Dr. Jennie Kim - USA Dr. Mishary Shalhoub - KSA Dr. Sandra Gutierrez Canas - Colombia Dr. Vishesh Sankaran - UK

End of Track

Room 3
Trauma Education & WITS

Track 1: Trauma Education
Track Advisor/Moderator: Dr. Ameera Alhasan & Dr. Norah Alsubaie

15:30 - 15:35	Introduction	Dr. Ameera Alhasan
15:35 - 16:05	Trauma education: past, present and future	Prof. Kenneth Mattox
16:05 - 16:20	Q&A	
16:20 - 16:40	Hints for effective simulation in limited resource areas	Dr. Zaffer Qasim
16:40 - 17:00	Telemedicine in trauma education	Dr. Belall Joseph
17:00 - 17:20	Journal activities in trauma education for residents, fellows, and junior attendings Journal of Trauma and Acute Care Surgery	Dr. Matthew Martin

17:20 - 17:40	Panel Discussion	Dr. Ameera Alhassan Dr. Zaffer Qasim Dr. Belall Joseph Dr. Matthew Martin
17:40 - 17:50	Closing remarks	Dr. Ameera Alhasan
17:50 - 18:00	Break	

Track 2
Women International Trauma Surgeons (supported by AAST)

Track Advisor/Moderator: Dr. Ameera Alhasan & Dr. Norah Alsubai
Chair: Dr. Eileen Bulger - Co-chairs: Dr. Kimberly Davis & Dr. Maria Jemenez

18:00 - 18:15	Welcome note	Dr. Eileen Bulger
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Session 1
Trauma informed care

18:15 - 19:16	Session Moderator	Dr. Rochelle Dicker
18:15 - 18:25	Introduction and background	Dr. Rochelle Dicker
18:25 - 18:35	Successful program implementation	Dr. Stephanie Bonne
18:35 - 18:45	Barriers to program implementation	Dr. Maria Jimenez Fernandes
18:45 - 18:48	Commentary	Dr. Inger Schipper
18:48 - 18:51	Commentary	Dr. Norah Alsubaie
18:51 - 19:06	Panel Discussion	
19:06 - 19:16	Break	

Session 2
Cultural challenges in Surgery

19:16 - 20:17	Session Moderator	Dr. Ameera Alhassan
19:16 - 19:26	URM in surgery	Dr. Cherisse Berry
19:26 - 19:36	Gender barriers in surgery	Dr. Ameera Alhassan
19:36 - 19:46	Navigating conflict	Dr. Candice Mercio
19:46 - 19:49	Commentary	Dr. Kate Martin
19:49 - 19:52	Commentary	Dr. Karen Brasel
19:52 - 20:07	Panel Discussion	
20:07 - 20:17	Break	

Session 3:
Wellness challenges in Surgery

20:17 - 21:18	Session Moderator	Dr. Jamie Coleman
20:17 - 20:27	The effects of sleep deprivation	Dr. Jamie Coleman
20:27 - 20:37	Reproductive challenges	Dr. Erica Rangel
20:37 - 20:47	Stress management	Dr. Tina Gaarder
20:47 - 20:50	Commentary	Dr. Clay Burlew

20:50 - 21:05	Panel Session 3	
21:05 - 21:15	Closing remarks	Dr. Eileen Bulger
15:30 - 15:45	Welcome note	Dr. Hani Sulaimany

Room 4 AO Saudi Chapter

Track 1: AO Saudi Chapter
Track Advisor/Moderator: Dr. Afnan Almass - Chair: Dr. Hani Alsulaimany
Co-Chair: Dr. Abdullallah Alzahrani

Session 1:

15:45 - 16:00	Bone healing and non-union	Dr. Haydar Abdul Hadi
16:00 - 16:15	Types of non-union, clinical implications	Dr. Akram Shobaki
16:15 - 16:30	Non-union and infection	Dr. Hani Alsulaimany
16:30 - 16:35	Break	
16:35 - 17:35	Case Presentation and Panel Discussion	Dr. Abdullah Zahrani Dr. Haydar Abdul Hadi Dr. Akram Shobaki Dr. Hani Alsulaimany
17:35 - 17:45	Break	

Session 2

17:45 - 18:00	Local antibiotic use in infected non-union	Dr. Abdullah Zahrani
18:00 - 18:15	Managing Bone Defects Masquelet Technique	Dr. Wael Taha
18:15 - 18:25	Managing Bone Defects (Bone Transport)	Dr. Mohamed Hegazy
18:25 - 18:28	Break	
18:28 - 19:28	Case Presentation and Panel Discussion	Dr. Abdullah Zahrani Dr. Wael Taha Dr. Mohamed Hegazy Dr. Hani Alsulaimany
19:28 - 19:43	Break	
19:43 - 19:53	Closing remarks	Dr. Hani Sulaimany

Day 2 - November 7th - Main Room
Track Advisor/Moderator: Dr. Saud Alturki & Dr. Hassan Mashbari

Session 1: General Surgery Foundation & UNITAR

15:00 - 15:02	Introduction of track and speaker	Dr. Saud Alturki
15:00 - 15:45	Global Surgery Foundation & UNITAR - GSF 2020 Strategy; outreach to all countries - Efforts of UNITAR and the RCPSC	Dr. Geoff Ibbotson
15:45 - 16:05	Panel discussion	Dr. Geoff Ibbotson Dr. Hassan Mashbari
16:05 - 16:15	Break	

Session 2: WHO Trauma Care in the Eastern Mediterranean Region

WHO Perspectives and Initiatives

Chair: TBD

Trauma prevention

Global Trauma Initiatives

Room 1
ATLS Track: Trauma Systems, and Trauma Quality:
An International Perspective

Track Advisor/Moderator: Ms. Diana Skaff
Chair Dr. Kimberly Joseph - Co-chair: Dr. Sharon Henry

15:00 - 15:15	Welcome, Housekeeping rules, Intro to each session being presented	Dr. Kimberly Joseph Dr. Sharon Henry
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Session 1
The Relationship Between Trauma Education, Trauma Systems, and Trauma Quality

15:15 - 15:35	Conceptual talk that looks at the impact ATLS education has on the development of quality programs	Dr. Ronald Stewart
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Session 2
Using ATLS and Trauma Education as the Gateway to Developing a Trauma System

15:35 - 17:11	Session Moderator	Dr. Maria F Jimenez
15:35 - 15:55	Example 1: Ethiopia	Dr. Emy Tesfaye Dr. Chris Dodgion
15:55 - 16:10	Example 2: Uruguay	Dr. Fernando Machado
16:10 - 16:31	Example 3: Qatar	Dr. Hassan Al Thani
16:31 - 16:46	Example 4: New-Zeland	Dr. Ian Civil
16:46 - 17:01	Panel Discussion	Dr. Maria F Jimenez Dr. Emy Tesfaye Dr. Chris Dodgion Dr. Fernando Machado Dr. Hassan Al Thani Dr. Ian Civil
17:01 - 17:11	Break	

Session 3
Performance Improvements in ATLS

17:11 - 18:21	Session Moderator	Dr. Steve Bush
17:11 - 17:26	Importance of developing a course/program evaluation tool	Ms. Diana Skaff
17:26 - 17:41	Faculty development in Mexico - Why is ongoing faculty development important for your ATLS program	Dr. Octavio Ruiz Speare
17:41 - 17:56	Process improvement approach and the impact on their program	Ms. Deb Paltridge
17:56 - 18:11	Panel Discussion	Moderator Dr. Steve Bush Dr. Octavio Ruiz Speare Ms. Deb Paltridge
18:11 - 18:21	Break	

Session 4
The Ongoing Effects of COVID on ATLS and Global Trauma Care

18:21 - 19:56	Session Moderator	Prof. Sook Muay Tay
18:21 - 18:41	Resuming ATLS Courses during COVID: Lessons learned, and opportunities discovered	Ms. Susan Benjamin
18:41 - 19:01	How we coped with COVID (perspective from a hard-hit area)	Dr. Andrew Baker Dr. Joakim Jorgensen
19:01 - 19:16	A Patient's Perspective: battling COVID	Dr. Mayur Narayan
19:16 - 19:36	Panel Discussion	Moderator Ms. Tay Sook Muay Ms. Susan Benjamin Dr. Andrew Baker Dr. Joakim Jorgensen Dr. Mayur Narayan
19:36 - 19:56	Closing remarks	Dr. Kimberly Joseph Dr. Sharon Henry

Room 2
Saudi Society for Emergency Medicine Track

Track Advisor/Moderator: Dr. Mohammed Nimnim
Chair: Dr. Jameel Abualinin - Co-chair: Dr. Abdullah Alotaibi

Session 1
Trauma Part 1

15:00 - 16:40	Session Moderator Session Moderator	Dr. Mohammed Alhelial Dr. Imad Khojah
15:00 - 15:10	Opening note	Dr. Jameel Abualinin
15:10 - 15:25	Best practice guidelines for blunt cerebrovascular injury (BCVI)	Dr. Anas Morad
15:25 - 15:40	Ultrasound in Trauma beyond E-FAST	Dr. Ahmed Aalam
15:40 - 15:55	Approach to Torso trauma in Pediatric	Dr. Maher Alkuwait
15:55 - 16:10	Top papers in trauma care between -2019 2021	Dr. Babak Sarani
16:10 - 16:25	Panel Discussion	Dr. Mohammed Alhelial Dr. Imad Khojah Dr. Anas Morad Dr. Ahmed Aalam Dr. Maher Alkuwait Dr. Babak Sarani
16:25 - 16:40	Break	

Session 2
Trauma Resuscitation

16:40 - 18:15	Session Moderator Session Moderator	Dr. Badr Aldawood Dr. Nisreen Maghraby
16:40 - 16:45	Introduction	Session Moderators
16:45 - 17:00	Pitfalls in trauma resuscitation	Dr. Hani Baroom
17:00 - 17:15	Resuscitative Thoracotomy - The Decision The Do's The Don'ts	Dr. Joe Nemeth
17:15 - 17:30	The traumatic Cardiac Arrest	Dr. Abeer Ghanwai
17:30 - 17:45	Primary survey Adult VS pediatric	Dr. Mohammed Almitari
17:45 - 18:00	Panel Discussion	Dr. Badr Aldawood Dr. Nisreen Maghraby Dr. Hani Baroom Dr. Joe Nemeth Dr. Abeer Ghanwai Dr. Mohammed Almutairi
18:00 - 18:15	Break	

Session 3
Trauma Quality and Trauma System

18:15 - 19:50	Session Moderator Session Moderator	Dr. Amani Aziz Aalrahman Dr. Mohammed Zaher
18:15 - 18:20	Introduction	Session Moderators
18:20 - 18:35	Trauma performance improvement indicators	Dr. Abdurhaman Alqahtani
18:35 - 18:50	Physician's role in injury prevention	Dr. Osama Kentab
18:50 - 19:05	Healthcare costs of road injuries in Saudi Arabia	Dr. Suliman Alghnam
19:05 - 19:20	Trauma Care in Low Resource Settings - Tips and Tricks	Dr. Janice Blanchard
19:20 - 19:35	Panel Discussion	Dr. Amani Aziz Aalrahman Dr. Mohammed Zaher Dr. Abdurhaman Alqahtani Dr. Osama Kentab Dr. Suliman Alghnam Dr. Janice Blanchard
19:35 - 19:50	Break	

Session 4
Trauma Part 2

19:50 - 21:10	Session Moderator Session Moderator	Dr. Abdurahman Sabbagh Dr. Ammar Ismail
19:50 - 19:55	Introduction	Session Moderators
19:55 - 20:10	Pre-Hospital blood transfusion effectiveness and safety in hemorrhagic trauma patient	Dr. Ebtihal Attas
20:10 - 20:25	Level one blood infuser and blood warmer. what you know about that?	Dr. Yasser Alnofaiey
20:25 - 20:40	Complications of TBI in pediatric patients	Dr. Tariq Althubaiti
20:40 - 20:55	Trauma team roles and responsibilities: Nursing Perspective	Mr. Abdurahman Alanazi
20:55 - 21:10	Panel Discussion	Dr. Abdurahman Sabagh Dr. Ammar Ismail Dr. Ebtihal Attas Dr. Yasser Alnofaiey Dr. Tariq Althubaiti Mr. Abdurahman Alanazi

End of Track

Room 3
Pre-Hospital Track (Sponsored by NAEMT and SRCA)

Track Advisor/Moderator: Dr. Norah Alsubaie & Dr. Afnan Almass
Chair: Dr. Fahad Samarkandi - Co-chair: Ms. Pamela Lane & Mr. Kenneth D'Alessandro

Session 1
Pre hospital System & Quality

15:00 - 15:10	Opening note	Ms. Pamela Lane
15:10 - 15:25	Challenges Training pre hospital personal in the Modern Era	Dr. David Cage
15:25 - 15:40	Helicopter transportation pre-lunch criteria	Mr.Kharsan Almakhalas
15:40 - 15:55	Quality in EMS: Past, Present and Future	Dr. Christian Martin-Gill
15:55 - 16:10	Regionalization of care	Mr. Salman Alharthi
16:10 - 16:25	Telemedicine in pre-hospital care	Mr. Matt Zavadsky
16:25 - 16:45	Panel Discussion	
16:45 - 16:55	Break	

Session 2
Complexity of Special Population in Pre-Hospital settings

16:55 - 17:00	Introduction	Dr. Fahad Samarkandi
17:00 - 17:15	Prehospital Care of Injured Children	Dr. Jennifer Anders
17:15 - 17:30	Expecting Trouble : approach for Maternal trauma	Dr. Teri Campbell
17:30 - 17:45	The challenges of prehospital Geriatric trauma.	Dr. John Hwabajeri
17:45 - 18:05	Panel Discussion	
18:05 - 18:15	Break	

Session 3
Debates

18:15 - 18:20	Introduction	Dr. Norah Alsubaie
18:20 - 19:00	ECMO Comes to the Field: con 15 mins, pro 15 mins, 10 mins Q&A	Dr. Hasan Al Massloom Dr. Islam Ahmed Seada
19:00 - 19:40	On-Scene Time: con 15 mins, pro 15 mins, 10 mins Q&A	Pro: Dr.Nawfal Aljerian Con: Dr.Fahad Alhajjaj
19:40 - 19:55	Break	

Session 4
Trauma Prevention & Epidemiology

19:55 - 20:00	Introduction	Dr. Fahad Samarkandi
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20:00 - 20:15	Keynote speech: Trauma Public awareness and readiness training	Dr. Jalal Aloais
20:15 - 20:30	Implementing a new epidemiology center in KSA	Dr. Yousef Alsofayan
20:30 - 20:45	Role of GIS in preventing trauma	Mr. Majed Alsaihani
20:45 - 21:05	Panel Discussion	
21:05 - 21:15	Break	

Session 5
Challenges in prehospital Trauma care

21:15 - 21:20	Introduction	Mr. Kenneth D'Alessandro
21:20 - 21:35	Pre-hospital TXA: When? Where? Who?	Dr. Fahad Alhajjaj
21:35 - 21:50	Civilian Walking blood bank	Dr. Donald Jenkins
21:50 - 22:05	Prehospital Care of the Patient with TBI	Dr. Deborah Stein
22:05 - 22:20	Prehospital Research updates	Dr. Jeffrey Jarvis
22:20 - 22:40	Panel Discussion	
22:40 - 22:55	Closing remark	Dr. Fahad Samarkandi

End of Track

Room 4
Post Trauma Care Track

Track Advisor/Moderator: Dr. Ameera Alhassan & Dr. Mohammed Talaat

15:00 - 15:05	Opening note	Dr. Ameera Alhasan
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Session 1
Saudi Physical therapy Association

15:05 - 17:00	Session Chair	Dr. Mohammad Alsubai
15:05 - 15:15	Rehabilitation of the trauma patient	Dr. Thamer Alshammary
15:15 - 15:30	Rehabilitation of patients with traumatic brain injury	Dr. Njoud Juwayid Alharbi
15:30 - 15:45	Rehabilitation of patients with spinal cord injuries	Dr. Shaman Ghandourah
15:45 - 16:00	Continuity of care: post-discharge physiotherapy, aftercare and follow up with physiotherapy (particularly in the Arab region)	Dr. Huda Almubarak

16:00 - 16:15	Pediatric population: post-trauma care and rehabilitation	TBD
16:15 - 16:30	Geriatric patients: post-trauma care, rehabilitation and injury prevention	Ms. Naifah Abdullah Alfahad
16:30 - 16:50	Panel Discussion	Dr. Mohammad Alsubai Dr. Thamer Alshammary Dr. Enjoud Juwayid Alharbi Dr. Shaman Ghandourah Dr. Huda Almubarak Ms. Naifah Abdullah Alfahad
16:50 - 17:00	Break	

Session 2
Psychiatric Management Following Surgical Trauma: Recent Guidelines and Recommendations
Massachusetts General Hospital Trauma Psychiatry

17:00 - 17:30	PTSD in military vs civilian trauma victims, presentation and treatment needs, similarities and differences	Dr. Ashika Bains
17:30 - 18:00	Drug dependence/abuse in post-trauma victims and explanation about the role of the Addiction Consult Team service	Dr. Mladen Nisavic
18:00 - 18:30	New trends in post-trauma psych care	Dr. Diana Punko
18:30 - 18:50	Panel Discussion	Dr. Ashika Bains Dr. Mladen Nisavic Dr. Diana Punko
18:50 - 19:05	Break	

Session 3
Post-trauma care special considerations

19:05 - 19:20	Palliative care in trauma patients	Dr. Melissa Hoffman
19:20 - 19:35	Reconstructive surgery post trauma	Dr. Ghassan Abu-Sitta
19:35 - 19:55	Panel Discussion	
19:55 - 20:05	Break	

End of Track

Day 3 - November 8th

Main Room: Anesthesia Trauma and Pan Arab
Track 1: Saudi Anesthesia Society

Track Advisor/Moderator: Dr. Hassan Mashbari & Ms. Diana Skaff
Session moderator: Dr. Mohammad Alharbi, Vice President, Saudi Anesthesia Society

15:00 - 15:15	Welcome speech and Introduction	Dr. Mohammad Alharbi
15:00 - 15:35	Trauma and anesthesia myths: Anesthesiologist's perspective	Dr. Derar Rifai
15:35 - 15:36	Introduction of speaker	Dr. Mohammad Alharbi
15:36 - 16:11	Brain protective strategy	Dr. Saleh Alkhunein
16:11 - 16:12	Introduction of speaker	Dr. Mohammad Alharbi
16:12 - 16:57	Goal directed bleeding management in Trauma Patients	Prof. Klaus Goerlinger
16:57 - 17:32	Regional anesthesia and pain management in trauma patients	Dr. Kariem Boghdadly
17:32 - 18:02	Panel discussion	Dr. Mohammad Alharbi Dr. Derar Rifai Dr. Saleh Alkhunein Prof. Klaus Goerlinger Dr. Kariem Boghdadly
18:02 - 18:12	Break	

Track 2
Pan Arab Trauma systems in the Arab World:
Understanding each other

Track Advisor/Moderator: Dr. Saud Al Turki, Dr. Hassan Mashbari & Ms. Diana Skaff
Chair: Dr. Haytham Kaafarani - Co-Chair: Dr. Bellal Joseph

18:12 - 18:17	Introduction	Dr. Hassan Mashbari
18:17 - 18:25	Is it time for us, the Pan Arab Trauma Society, to Emerge?	Dr. Haytham Kaafarani
18:25 - 18:55	Live Debate: Hot Debate: To REBOA or Not REBOA? Pro: (15min) Con: (15 min)	Dr. Dr. Firas G. Madbak Dr. Bellal Joseph
18:55 - 19:45	Panel: Challenging Dogmas •Liver Injuries fantasies •Nutrition in ICU •Whole vs. component blood transfusions •The Difficult Gallbladder	Dr. Mohammad Bawazeer Dr. Haytham Kaafarani Dr. Khaled Twier Dr. Hani Al Qadhi
19:45 - 19:55	Break	
19:55 - 20:15	The Beirut Blast Trauma Experience	Dr. George Abi Saad
20:15 - 21:00	Trauma systems in the Arab World: understanding each other The Arab Golf perspective Jordanian perspective in Trauma System The Arab North African perspective	Dr. Thamer Nouh Ms. Eman S. Qzih Dr. Ali Grouda

21:00 - 21:15	Panel Discussion	Dr. George Abi Saad Dr. Thamer Nouh Ms. Eman S. Qzih Dr. Ali Grouda
21:15 - 21:25	Closing remarks	Dr. Hassan Mashbari

Room 1
Indian Society for Trauma and Acute Care

Track Advisor/Moderator: Dr. Afnan Almass & Dr. Mohammed Talaat
Chair: Prof. Mahesh C Misra, President ISTAC
Co-chairs: - Prof. Subodh Kumar, Prof. Amit Gupta, Prof. Sushma Sagar

15:30 - 15:35	Welcome and opening remarks	Prof. Mahesh C Misra, President ISTAC
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Session 1

15:35 - 16:47	Session Moderator Session Moderator	Dr. Winston Noronha Dr. Sandeep Tiwari
15:35 - 15:37	Introduction	Dr. Winston Noronha
15:37 - 15:52	Pre-Hospital Care in India - Gaps and Solutions	Dr. Amit Gupta
15:52 - 16:07	Organization of Trauma Emergency Department	Dr. Sanjeev Bhoi
16:07 - 16:22	ED Management Protocols of a Trauma victim	Dr. Naveen Sharma
16:22 - 16:37	Panel Discussion	Prof. Mahesh Misra Dr. Winston Norhona Dr. Sandeep Tiwari Dr. Amit Gupta Dr. Sanjeev Bhoi Dr. Naaveen Sharma
16:37 - 16:47	Break	

Session 2

16:47 - 18:04	Session Moderator Session Moderator	Dr. L N Mohan Dr. Satish Dharap
16:47 - 16:49	Introduction	Dr. L N Mohan
16:49 - 16:59	Introduction to ISTAC Guidelines for Management of Solid Organ Injuries	Dr. Subodh Kumar
16:59 - 17:09	Guidelines for Splenic Injuries	Dr. Narendra Chaudhary
17:09 - 17:19	Guidelines for Liver Injuries	Dr. Abhinav Kumar
17:19 - 17:29	Guidelines for Pancreatic Injuries	Dr. Niladri Banerjee
17:29 - 17:39	Summation	Dr. Subodh Kumar

17:39 - 17:54	Panel Discussion	Dr. L N Mohan Dr. Satish Dharap Dr. L N Mohan Dr. Subodh Kumar Dr. Narendra Chaudhary Dr. Abhinav Kumar Dr. Niladri Banerjee Dr. Subodh Kumar
17:54 - 18:04	Break	

Session 3

18:04 - 19:16	Session Moderator Session Moderator	Dr. Amit Kalangutkar Dr. Sandeep Jain
18:04 - 18:06	Introduction	Dr. Amit Kalangutkar
18:06 - 18:21	Damage Control Resuscitation	Dr. Mohit Joshi
18:21 - 18:36	Damage Control Surgery	Dr. Sanjay Shah
18:36 - 18:51	Abdominal Compartment Syndrome	Dr. Rajshekhar Mohan
18:51 - 19:06	Panel Discussion	Dr. Amit Kalangutkar Dr. Sandeep Jain Dr. Mohit Joshi Dr. Sanjay Shah Dr. Rajshekhar Mohan
19:06 - 19:16	Break	

Session 4

19:16 - 20:28	Session Moderator Session Moderator	Dr. Samir Misra Dr. Shamita Chatterjee
19:16 - 19:18	Introduction	Dr. Samir Misra
19:18 - 19:33	Hemorrhage Control in Maxillofacial Injuries	Dr. Sushma Saga
19:33 - 19:48	Peripheral Vascular Injuries	Dr. Harshit Agrawal
19:48 - 20:03	Hemorrhage Control in Pelvic Injuries	Dr. Dinesh Bagaria
20:03 - 20:18	Panel Discussion	Dr. Samir Misra Dr. Shamita Chatterjee Dr. Sushma Saga Dr. Harshit Agrawal Dr. Dinesh Bagaria
20:18 - 20:28	Closing remarks	Prof. Mahesh Misra

Room 2: Disaster Management

Track 1: Saudi Military Medical Services

Track Advisor/Moderator: Dr. Ameera Alhasan & Dr. Mohammed Nimmim

Chair: TBD

Content to be announced

Educational Partners



الجمعية السعودية لطب الطوارئ
Saudi Society of Emergency Medicine



الجمعية السعودية للعلاج الطبيعي
Saudi Physical Therapy Association





VIRTUAL ALTC
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