AMERICAN SOCIETY OF EYE PHYSICIANS AND SURGEONS DAMAGE CONTROL OPHTHALMIC TRAUMA IN-PERSON WET LAB

Damage control ophthalmology references a basic set of principles that all ophthalmologists should master to stabilize an injured eye. The goal of this 7-hour course is to provide the learner with tools to improve patient outcomes after ocular and adnexal injuries.

The learner will leave understanding the arc of diagnosis, medical management, microsurgical stabilization, and reconstruction/rehabilitation of the injured eye and gain the knowledge and surgical skills to confidently initiate damage control procedures.

Lab Capacity: 32 residents | fellows | practicing ophthalmologists

Lab Planning Committee:

Amy Coburn, MD | Boonkit Purt, MD | Grayson Armstrong, MD

Lab Faculty:

Rupesh Agrawal, MD(Res) (UCL), MMed (Singapore), FRCS(Glasgow), FAMS, DNB, DO Masih Ahmed, MD | Nagham Al-Zubidi, MD | Ore-ofe O. Adesina, MD Grayson Armstrong, MD, MPH | Barton Blackorby, MD | Richard Blanch, MD Isaac Bleicher, MD | Imtiaz Chaudry, MD | Yewlin Chee, MD | Amy Coburn, MD Garvin Davis, MD | Osama Al-Deyabet, MD | Jose Dalma Weiszhausz, MD | Tara Hahn, MD Grant Justin, MD | Robb Mazzoli, MD | Aaron Miller, MD | Peter Mortenson, MD Boonkit Purt, MD | Joanna Queen, MD | Oded Sagiv, MD | Nicholas Max Scoville, MD Ankoor Shah, MD, PhD | Charles Soparker, MD | Marguerite Weinert, MD | Fasika Woreta, MD, MPH

10:00 AM-12:55 PM:	Faculty Registration Registration, orientation, and change into scrubs	MITIE Lab 4th floor
10:00 AM-10:55 AM:	Participant Registration Registration, and change into scrubs	Research Institute
11:00 AM-11:30 AM:	Lunch & Introduction with Surgical Principles Boonkit Purt, MD, USUHS/University of Michigan, ASOT Secretary	Board Room 2nd Floor Research Institute
11:30 AM-12:30 PM:	Ocular Trauma Surgical Didactic Session Barton Blackorby, MD, USUHS/The Retina Institute	Research Institute
12:30 PM-06:05 PM:	Hands-On Wet Lab (only open to lab registrants)	MITIE Lab 4th floor Research Institute
05:30 PM-07:00 PM:	Evening Registration for Dinner/Annual Meeting	
07:00 PM-08:45 PM:	Dinner & Controversial Cases: 'Real World' Management of Challenging Clinical Scenarios	Rio Grande Conference Room Dunn Building D1-059
	open to all Eye Trauma 2024 attendees.	
	See next page for session details.	

Dinner & Controversial Cases: Session Details

• Moderators

-Grayson W Armstrong, MD, Massachusetts Eye & Ear, Harvard Medical School, ASOT Industry Relations Chair -Barton Blackorby, MD, USUHS, The Retina Institute -Amy Coburn, MD, Blanton Eye Institute, Houston Methodist Hospital/Wile Cornell Medical College, ASOT Program Chair -Grant Justin, MD, USUHS, ASOT President -Boonkit Purt, MD, USUHS, University of Michigan, ASOT Secretary -Nicholas Max Scoville, MD, Ohio State University, Wexner Medical Center, ASOT IT Chair -Ankoor Shah, MD, PhD Boston Children's Hospital, ASOT Treasurer -Fasika Woreta, MD, MPH Wilmer Eye Institute, The Johns Hopkins University,

ASOT Immediate Past President

Massive Orbital Abscess After an Orbital Wall Fracture

Darren Chen, MD, Massachusetts Eye and Ear, Harvard Medical School

- Traumatic Orbital Apex Syndrome: How to Manage?
 Sen (Andrew) Yang, MD, Oregon Health & Science University Casey
 Eye Institute
- Identifying and Reattaching the Levator Tendon After Trauma Fernando Martinez Guasch, BS, University of Maryland School of Medicine
- Saved By the Button Dehisced PKP with Uveal Prolapse

Cameron Yang, MD, The Ohio State University Wexner Medical Center Department of Ophthalmology and Visual Sciences

• A Machete Blow Injury to the Forehead Causes a Chorioretinitis Sclopetaria

Jose Romero MD, Unidad Nacional De Oftalmologia, Guatemala

 Man vs. Machine: A Case of Penetrating Ocular Trauma with a Traumatic Cataract

Lauren Kiryakoza MD, University of Miami/Bascom Palmer Eye Institute

• The Sequelae of a Paintball Injury Causing a Self-Sealing Full-Thickness Corneal Rupture

Patricia Bai, MD, University of Illinois Chicago, Illinois Eye and Ear Institute

Day Two. Ses	sions, Exhibits, & Lectures	EYE TRAUMA 2024
TIME	SESSIONS & SPEAKERS	LOCATION
6:45 AM - 7:45 AM	SATURAY BADGE PICK UP BEGINSRegistration moves to the Research Institute at 7:45 AM	FRIO D1-063 AND COMAL D1-064 DUNN BUILDING
7:00 AM - 8:00 AM	BREAKFAST	FRIO D1-063 AND COMAL D1-064 DUNN BUILDING
7:15 AM - 8:00 AM	BREAKFAST ROUND TABLES WITH EXPERTS (ONLY OPEN TO THOSE WHO REGISTERED FOR ROUND TABLES)	RIO GRANDE CONFERENCE ROOM DUNN BUILDING D1-059
BREAKFAST ROUND	TABLE DETAILS	
BREAKFAST ROUND	 TABLE DETAILS Incorporating Eye Care Into National Disaster Response Planning Systems James Auran, MD, Columbia University, ASOT Executive Vice President, Robert A. Mazzoli, MD, FACS, Ret COL, US Army Dale Fajardo EdD, MBA, VP Education, AAO Establishing a Trauma/Open Clobe Injury Repair Curriculum + Tips and Tricks for Staffing (and doing!) Residents' First Open Clobe Repair Andrew Pansick, MD, Parkland UT Dallas, Mamta Agarwal MD, FRCSEd, FRCOphth, FACS, UT Health San Antonio Obtaining Department of Defense Funding for Trauma Research Tian Wang, PhD, Health Science Program Manager, Congressionally Directed Medical Research Programs; Dan Ignaszewski, Executive Director, National Alliance for Eye and Vision Research (NAEVR) Databases and Strategies for Publishing your Trauma Research Fasika Woreta, MD, MPH, Wilmer Eye Institute, Johns Hopkins University, ASOT Immediate Past President, Rupesh Agrawal, MD,MD(Res) (UCI, MMed (Singapore), FRCS(Clagsow), FAMS, DNB, DO, National Healthcare Group Eye Institute at Tan Tock Seng Hospital Handling Consults: See it, Punt it, or Something In Between + Ophthalmic Hospitalist Model Nicholas Max Scoville, MD, Ohio State University, Wexner Medical Center, ASOT IT Chair, Su Feng, MD, University of Washington, Ophthalmic Hospitalist Group Telemedicine for Trauma Consultation and Triage Grayson W Armstrong, MD MPH, Massachusetts Eye & Ear, Harvard Medical School, ASOT Industry Relations Chair, Ankoor Shah, MD, PhD, Boston Children's Hospital, ASOT Treasurer: Cary Legault, MD, Director, Virtual Medical Center, US Dept of Defense Millitary Ophthalmic Trauma Care: Lessons for the Civilian Population Nithian Madigan, MD, FACs., FAAP, Chief of Division of Ophthalmology at Children's National Hospital, Brittany Powell, CDR, MC, USN, Walter Reed Medical Center International Collabor	RIO GRANDE CONFERENCE ROOM DUNN BUILDING D1-059
	 Eugene de Juan, MD (UCSF Jean Kelly Stock Distinguished Professor of Ophthalmology) 	

7:15 AM - 8:00 AM	 10. Stabilizing Ophthalmic Injuries During War and Visual Rehabilitation After War Major Thomas Zampieri, PhD, PA, Founder of Blinded Veterans, Nagham Al-Zubidi, MD Anderson Cancer Center, Touka Banaee, MD, University of Texas Medical Branch at Galveston, Richard Blanch, PhD, FRCOphth, UK Armed Forces 11. Law and Ethics: Consent, Competency, Risk and Lie Filtering Constant Competency, Risk and 	RIO GRANDE CONFERENCE ROOM DUNN BUILDING D1-059
	 Liability in Ocular Trauma Care Dan Ballard, JD, BA, Ballard & Simmons, LLP 	
8:00 AM - 5:00 PM	SATURDAY BADGE PICK UP CONTINUES UNTIL 5:00 PM	2ND FLOOR LOBBY RESEARCH INSITUTE
8:15 AM - 8:17 AM	WELCOME TO HOUSTON & INTRODUCTION OF ASOT PRESIDENT, DR. GRANT JUSTIN	AUDITORIUM RESEARCH INSITUTE
	 Amy Coburn, MD, Blanton Eye Institute, Houston Methodist Hospital, Wile Cornell Medical College, ASOT Program Chair 	
8:18 AM - 8:21 AM	 OPENING REMARKS Grant Justin, MD, Uniformed Services University of the Health Sciences, ASOT President 	AUDITORIUM RESEARCH INSITUTE
KEYNOTE SESSION	5 MINUTE Q+A	
8:22 AM - 8:44 AM	 IT'S TIME FOR A FRESH LOOK AT THE MANAGEMENT OF PENETRATING INJURIES Eugene De Juan, MD, UCSF Jean Kelly Stock Distinguished Professor of Ophthalmology 	AUDITORIUM RESEARCH INSITUTE
	Introduced by: Fasika Woreta, MD, MPH, Immediate Past President, ASOT; Wilmer Eye Institute, The Johns Hopkins University	
PAPER SESSION NC	VEL OCULAR TRAUMA RESEARCH 3 MINUTE Q+A BETWEEN	SESSIONS
	 FINITE ELEMENT ANALYSIS OF MECHANICAL OCULAR SEQUELAE FROM BADMINTON SHUTTLECOCK PROJECTILE IMPACT John Hong, BS, University of California Irvine Gavin Herbert Eye Institute VALUE OF IMPROVED PROTECTIVE EYEWEAR COMPLIANCE IN COMBAT Juan Carlos, Martinez-Camarillo, MD, USC Roski Eye Institute 	
	TRAUMATIC OPTIC NEUROPATHY- CRANIOFACIAL FRACTURE PATTERNS AND MANAGEMENT LENS • Nawal Shams, BS, University of Maryland School of Medicine	
8:47 AM - 9:50 AM	LENS MANAGEMENT DURING THE SURGICAL REMOVAL OF METALLIC INTRAOCULAR FOREIGN BODIES • Sandra R Montezuma, MD, University of Minnesota	AUDITORIUM RESEARCH INSITUTE
	ZONE I INJURY OBSERVATIONS: IGATES REGISTRY'S NOVEL CORNEAL INJURY CLASSIFICATION FOR PROGNOSTIC IMPACT • Renee Liu, BS, Massachusetts Eye & Ear, Harvard Medical School	
	THE ASSOCIATION BETWEEN COMPUTERIZED TOMOGRAPHY FINDINGS & OCULAR TRAUMA SCORE IN OPEN GLOBE INJURY: THE PROGNOSTIC VALUE OF IMAGING • Zahra Markatia, MD, Baylor College of Medicine	
	 UTILITY OF CHATGPT RESPONSES IN TRIAGING EMERGENT AND NON-EMERGENT OPHTHALMIC CONDITIONS Rupesh Agrawal, MD,MD(Res) (UCL), MMed (Singapore), FRCS(Glasgow), FAMS, DNB, DO, National Healthcare Group Eye Institute at Tan Tock Seng Hospital 	

POSTER SESSION + II	NDUSTRY EXHIBITS	
9:52 AM - 10:32 AM	BE ON THE LOOKOUT FOR A BINGO CARD TO USE WITH INDUSTRY EXHIBITS!	2ND FLOOR LOBBY RESEARCH INSITUTE
ASOCIACIÓN PANAM	IERICANA DE TRAUMA OCULAR (APTO) SYMPOSIUM 5 MIN Q	+A EACH
10:37 AM - 11:07 AM	 ADVANCED APPROACH TO OPEN GLOBE REPAIR Jose Dalma-Weiszhausz, MD, Founder of the Asociación Panamericana de Trauma Ocular HIGH TECH IOLS IN TRAUMATIC CATARACTS Carlos Andres Wong Morales, MD, President of the Asociación Panamericana de Trauma Oftalmico 	AUDITORIUM RESEARCH INSITUTE
ASIA PACIFIC OPHTH	HALMIC TRAUMA SOCIETY (APOTS) SYMPOSIUM 5 MIN Q+A E	ACH
11:10 AM - 11:40 AM	 VITRECTOMY FOR INTRAOCULAR FOREIGN BODIES Natarajan Sundaram, MD, President of the Asian Pacific Ophthalmic Trauma Society TIMING AND TECHNIQUES OF TRAUMATIC RETINAL DETACHMENT REPAIR Brittany Powell, CDR, MC, USN, Walter Reed Medical Center 	AUDITORIUM RESEARCH INSITUTE
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HIGHLIGHTS IN OPH	THALMIC TRAUMA LITERATURE - 2023 3 MINUTE Q+A BETWE	EN SESSIONS
11:43 AM - 11:50 AM	THE RISK OF SYMPATHETIC OPHTHALMIA ASSOCIATED WITH OPEN GLOBE INJURY MANAGEMENT STRATEGIES: A META-ANALYSIS; OPHTHALMOLOGY • Lt Col Richard Blanch, PhD, FRCOphth, UK Armed Forces	
11:54 AM - 12:01 PM	DISABILITY-ADJUSTED LIFE YEARS RESULTING FROM OCULAR INJURY AMONG DEPLOYED SERVICE MEMBERS; OPHTHALMOLOGY • Amanda Staudt, PhD, Geneva Foundation	AUDITORIUM RESEARCH INSITUTE
12:05 PM - 12:12 PM	 THE OCULAR TRAUMA SCORE UNDERESTIMATES VISUAL RECOVERY FOR THE MOST SEVERE OPEN-GLOBE INJURIES; OPHTHALMOLOGY RETINA Eli A Perez, MD, University of Iowa 	
NASA SYMPOSIUM	5 MINUTE Q+A	
12:16 PM - 12:36 PM	 RADIATION, LASERS, TELEMEDICINE AND EYE CARE IN SPACE COL Keith Manuel, OD, Senior Vision Consultant to NASA's Johnson Space Center Flight Medicine Clinic & Jeffrey A. Jones, MD, FACS, FACPM, FASMA Professor Baylor College of Medicine, Center for Space Medicine Captain (ret) US Naval Flight Surgeon and former NASA Flight Surgeon 	AUDITORIUM RESEARCH INSITUTE
GRAB-N-GO LUNCH	I + POSTERS + EXHIBITS + SPOTLIGHT TALKS	
12:38 PM - 01:28 PM	BE ON THE LOOKOUT FOR A BINGO CARD TO USE WITH INDUSTRY EXHIBITS!	2ND FLOOR LOBBY RESEARCH INSITUTE
MANAGEMENT OF	POST-TRAUMATIC UVEAL INJURY & GLAUCOMA 3 MINUTE Q-	A EACH
01:38 PM - 01:44 PM	 GLAUCOMA IN THE TRAUMATIZED EYE Roma P Patel, MD, MBA, Baylor College of Medicine, Ophthalmology Service Chief, Ben Taub Hospital 	AUDITORIUM RESEARCH INSITUTE
01:47 PM - 02:00 PM	IRIS RECONSTRUCTIONMarshall Bowes Hamill, MD, Baylor College of Medicine	
PAPER SESSION: DA	ATA TO DRIVE ADVOCACY: THE EPIDEMIOLOGY OF EYE TRAU	MA 3 MIN Q+A EACH
02:02 PM - 03:06 PM	PEDIATRIC OCULAR INJURY: TRENDS, SEASONALITY, AND BURDEN FROM A LARGE DATASET AT A QUATERNARY- CARE HOSPITAL • Blanche Kuo, MD, University Hospitals, Cleveland	AUDITORIUM RESEARCH INSITUTE

02:02 PM - 03:06 PM	 PEDIATRIC TOY-ASSOCIATED OCULAR INJURIES PRESENTING TO UNITED STATES EMERGENCY DEPARTMENTS" Helia Ashourizadeh, MD, Massachusetts Eye & Ear, Harvard Medical School ETIOLOGY AND DEMOGRAPHIC FACTORS ASSOCIATED WITH PEDIATRIC OPEN GLOBE INJURIES IN THE UNITED STATES: A MULTI CENTER STUDY Shruti Anant BA, Wilmer Eye Institute, The Johns Hopkins University OPHTHALMIC PROFILE OF INCARCERATED PATIENTS AT AN ACADEMIC CENTER Taylor Kolosky, BS, University of Maryland INCREASING INCIDENCE OF SPORTS-RELATED RETINAL TEARS AND DETACHMENTS IN UNITED STATES EMERGENCY DEPARTMENTS FROM 2003 TO 2022: A MULTI-CENTER CROSS-SECTIONAL STUDY Edward Lu, MD, Massachusetts Eye and Ear, Harvard Medical School ACCURACY OF TRAUMA RELATED DIAGNOSES FROM TRANSFERRING HOSPITALS TO A LEVEL 1 TRAUMA CENTER GUNSHOT WOUNDS TO THE ORBIT Hopkin Blake, BS, University of Washington School of Medicine	AUDITORIUM RESEARCH INSITUTE
	NDUSTRY EXHIBITS + ICE CREAM SOCIAL	
03:08 PM - 03:38 PM	WITH INDUSTRY EXHIBITS!	2ND FLOOR LOBBY RESEARCH INSITUTE
LA PIANA-MAZZOLI L		
03:43 PM - 03:56 PM	 PEDIATRIC OPHTHALMIC TRAUMA William Madigan, MD, FACs., FAAP, Chief of Division of Ophthalmology at Children's National Hospital Introduced by: Robert Mazzoli, MD, FACs, Ret COL, US Army 	AUDITORIUM RESEARCH INSITUTE
KEYNOTE SESSION	5 MINUTE Q+A	
03:58 PM - 04:11 PM	 ETIOLOGY AND MANAGEMENT OF STRABISMUS FOLLOWING TRAUMA Jane C. Edmond, MD, President of the American Academy of Ophthalmology, Chair of Ophthalmology at Dell Medical School Introduced by: Amy Coburn, MD, Blanton Eye Institute, Houston Methodist, Weill Cornell Medical College, ASOT Program Chair 	AUDITORIUM RESEARCH INSITUTE
KUHN LAUREATE LE	CTURE 3 MINUTE Q+A	
04:13 PM - 04:26 PM	 SHAPING THE FUTURE OF OPHTHALMIC TRAUMA CARE: PAST LESSONS, FUTURE DIRECTIONS Rupesh Agrawal, MD,MD(Res) (UCL), MMed (Singapore), FRCS(Glasgow), FAMS, DNB, DO, National Healthcare Group Eye Institute at Tan Tock Seng Hospital Introduced by: Ferenc Kuhn, MD (Father of Ocular Trauma) 	AUDITORIUM RESEARCH INSITUTE
OCULAR AND ADNE	XAL CHEMICAL AND THERMAL INJURIES	
04:31 PM - 04:40 PM	 ALLOGENIC REPAIR OF SEVERE CORNEAL BURN Arne Viestenz, MD, President of International Society of Ocular Trauma, Chair, University Hospital Halle (Saale), Germany 	AUDITORIUM RESEARCH INSITUTE

CONTROVERSAL CA	ASES: "HOW WOULD YOU APPROACH THIS CASE?"	
	 TRAUMATIC SUPERIOR ORBITAL FISSURE SYNDROME Alexis Kassotis, MD, Edward Harkness Eye Center (author) James Auran, MD, Columbia University Department of Ophthalmology (presenting) 	ETE TRAUMA 202
	MANAGEMENT OF LASIK FLAP DISLOCATION DURING OPEN GLOBE INJURY • Flavius, Beca, MD, Bascom Palmer Eye Institute	
	ON EDGE - WHAT TO DO WHEN AN IOFB LANDS IN THE MACULA? • Lucy Li, MD, New York Medical College	
04:43 PM - 05:37 PM	 ARTIFICIAL IRIS AND INTRAOCULAR LENS COMPLEX SCLERAL FIXATION VIA YAMANE TECHNIQUE IN TRAUMATIC ANIRIDIA AND APHAKIA Prerna, Das, MD, University of Texas Health Science Center at San Antonio Long School of Medicine 	AUDITORIUM RESEARCH INSITUTE
	 A PEDIATRIC TRAUMA SURPRISE Sandra R Montezuma, MD, University of Minnesota 	
	 SUPERIOR OPHTHALMIC VEIN CANNULATION FOR TREATMENT OF TRAUMATIC CAROTID-CAVERNOUS SINUS FISTULAS Sruti, Rachapudi, BS/MBA, The University of Texas Medical Branch, Galveston, ASOT Student Member Representative 	
	DISCUSSANTS:	
	 Grayson W. Armstrong, MD, MPH, Massachusetts Eye & Ear, Harvard Medical School, ASOT Industry Relations Chair Masih Uddin Ahmed, MD, Baylor College of Medicine Emanuel Chang, MD, Retina and Vitreous of Texas Amy Coburn, MD, Blanton Eye Institute, Houston Methodist Hospital/Wile Cornell Medical College, ASOT Program Chair Grant Justin, MD, USUHS, ASOT President Boonkit Purt, MD USUHS; University of Michigan, ASOT Secretary Max Scoville, MD The Ohio State College of Medicine, Wexner Medical Center, ASOT IT Chair Misha Syed, MD, MEHP, Chair, Prevent Blindness Texas, University of Texas Medical Branch at Galveston Ankoor Shah, MD, PhD Boston Children's Hospital, ASOT Treasurer Fasika Woreta, MD, MPH, ASOT Immediate Past President; Wilmer Eye Institute, The Johns Hopkins University 	
05:37 PM - 05:45 PM	CLOSING REMARKS	
	 Grant Justin, MD, USUHS, ASOT President 	
COCKTAIL RECEPTI	ON & BEST PAPER AWARDS	
06:00 PM - 10:00 PM	JOIN US FOR OUR COCKTAIL RECEPTION & THE BEST PAPER AWARDS!	III BY WOLFGANG PUCK 6550 BERTNER AVE., 6TH FLOOR HOUSTON, TX 77030