A MESSAGE FROM THE ANESTHESIOLOGIST-IN-CHIEF:

A NEW ACADEMIC YEAR BRINGS MANY EXCITING CHANGES TO THE DEPARTMENT OF PEDIATRIC ANESTHESIOLOGY

Every year July 1st brings about many changes as the graduating group of pediatric anesthesia fellows completes their training, and moves on to careers as attending anesthesiologists. The new group of fellows starts, full of enthusiasm for the year ahead and finally being able to devote their training fully to pediatric anesthesia.

This year we had an outstanding group of graduating fellows: Drs. Monte Chin, Faiz Nasser, and Queenie Wilkins will be joining private practices; Dr. Tricia Vecchione will be doing a regional anesthesia fellowship at Boston Children’s Hospital, and Drs. Dheeraj Goswami and Eric Vu are staying on for additional advanced fellowship training in cardiac anesthesia and research. Finally, Dr. Ash Resheidat has completed his second year of fellowship in cardiac anesthesia and has joined our faculty at Texas Children’s. We are very proud of our fellows, and the leadership of Dr. Blaine Easley in continuously improving the quality of the fellowship program. We welcome five new incoming fellows who are beginning their year: Drs. Jeramie Hanson, Lauren Dies, Patrice Wilson, Ravish Kapoor and Angela McElrath.

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On Friday afternoon May 8th, 2015, the department of pediatric anesthesiology had our second leadership retreat of the academic year in the TCH PW executive offices. First of all, the leadership would like to thank all the members of the department who may have had to stay later in clinical duties that day to facilitate the members of the executive committee going to the retreat.

The purpose of the leadership retreat is to effectively lead the department towards its mission statement which is to “… provide the highest quality anesthetic care to children in the perioperative period, and those requiring critical care or pain management, while being a national leader in safety, education, and research. “

We celebrated our team accomplishments over the last 6 months which would not have been possible without the efforts of EVERY member of the department. Some of the accomplishments include:

1. Establishment of the surgical home model for three pilots: spine surgery, craniofacial surgery, and cancer center patients
2. Reorganization of the departmental governance structure
3. Enhancement of faculty development

“Our success is all about our people.”
- Dean B. Andropoulos, M.D.

During this leadership retreat, a big theme was the acknowledgement that the best part and most important part of our department is the people in it. We feel that the continued development of the people we have will be essential to accomplishing our goals and serving our patients the way they deserve. James Smalley, the Directory of Organizational Development at TCH, shared with us a talent review strategy used by the department of surgery called “Talent Review 9-Box” that is easily adapted to the department of anesthesia. The purpose of this faculty development effort is to help everyone in the department identify their own strengths and weakness and promote a climate of continuous self-improvement for all.

“A goal is a dream with a deadline.”
- Napoleon Hill

Next we highlighted the power and importance of setting goals. Not only is it important to set individual goals, but team goals and department goals are vital. Everyone should use the mnemonic S.M.A.R.T. to make sure they have well-written goals. S.M.A.R.T. goals are Specific, Measurable, Attainable, Relevant, and Time Bound.

On March 4th and 5th Texas Children’s Hospital was visited by a surveyor team from the American College of Surgeons (ACS). The ACS verifies surgical programs and is best known for the trauma certification of level I, II or III; a system that has enhanced trauma care delivery in the US. The Childrens Survey Verification Pilot hopes to provide a similar process for children undergoing surgical care with a goal of having children with complex medical problems (ASA 3-5), and those undergoing high risk surgery referred to medical centers with the expertise and resources to provide high-quality care.

The surveyors consisted of four pediatric surgeons, one pediatric anesthesiologist and one administrator and they assessed the resources available, such as a pediatric ICU and neonatal ICU staffed by subspecialist 24/7, and immediate availability of pediatric surgeons and pediatric anesthesiologists. The surveyors also assessed processes for quality improvement and safety, and outcome data. In preparation for the survey our surgical team recognized some areas of weakness in our program, and before the surveyor visit, these deficiencies were corrected. Darrel Cass was appointed as the surgical leader for the neonatal intensive care unit and Tim Lee appointed as the surgical leader for the pediatric intensive care unit. Also, a new surgical quality committee was formed to standardize and review surgical outcomes for each surgical specialty.

In recognition of the significant role played by pediatric anesthesiology, the ACS surveyors had many questions about the safety and quality of pediatric anesthesiology. Imelda Tjia and Julie Nicholson spent many hours reviewing outcome data that we have accumulated through our participation in Wake Up Safe and the Pediatric Regional Anesthesia Network.

This is a pilot program for the ACS, and the same surveyors planned to visit six hospitals that provide
The big news in the Division of Research this month is the start of Research Fellowship training for Dr. Eric Vu, who has been awarded a Research Scholarship from the Foundation for Anesthesia Education and Research. This is a very prestigious award, and has been the foundation research grant for many of the leaders in the field of anesthesia research. Eric will be applying his knowledge and skill as a biomedical engineer to the field of predictive analytics. He will extend the work he did as a resident when he developed a 3-dimensional ECG that could detect cardiac strain in infants with hypoplastic left heart syndrome prior to cardiac arrest. In addition to refining and studying his new ECG monitoring technique, he will be developing more predictive analytics for cardiac surgical intensive care patients, using massive data analysis tools and artificial intelligence. We have high hopes for Eric to be successful in his fellowship and subsequent career, and we expect that he will have a significant impact on the way we practice medicine in the future.

SMART GOAL SETTING:
Specific
Measureable
Attainable
Relevant
Time-bound

In closing, remember the benefits of setting goals in your personal, professional, and family life:

- Achieving more of the things that you want to in life
- Experiencing more success in your performances throughout life
- Enjoying more satisfaction with your work, and achieve higher levels of self-confidence
- Creating in yourself a general “can do” attitude that results in higher levels of happiness throughout life

From Kenneth Brady, MD,
Director, Division of Research

The big news in the Division of Research this month is the start of Research Fellowship training for Dr. Eric Vu, who has been awarded a Research Scholarship from the Foundation for Anesthesia Education and Research. This is a very prestigious award, and has been the foundation research grant for many of the leaders in the field of anesthesia research. Eric will be applying his knowledge and skill as a biomedical engineer to the field of predictive analytics. He will extend the work he did as a resident when he developed a 3-dimensional ECG that could detect cardiac strain in infants with hypoplastic left heart syndrome prior to cardiac arrest. In addition to refining and studying his new ECG monitoring technique, he will be developing more predictive analytics for cardiac surgical intensive care patients, using massive data analysis tools and artificial intelligence. We have high hopes for Eric to be successful in his fellowship and subsequent career, and we expect that he will have a significant impact on the way we practice medicine in the future.
INFORMATICS UPDATE
From Kim Nguyen, MD, Director of Anesthesia Informatics

The EPIC Anesthesia Team has been working tirelessly in preparation for the EPIC 2014 Upgrade. Feedback from this newest upgrade was positive with minimal disruption in workflows. Some new enhancements include:

1. **Improved SideBar Tools** to indicate latest labs, event times and outstanding documentation,

2. **Anesthesia Stapler** for documentation of multiple procedures in diagnostic imaging and operating room, and

3. **Anesthesia Discrete Ad Hocs** for outside intubations, line placements, and regional anesthesia procedures.

These new features will help providers more easily document especially in clinical areas outside of the operating room. Earlier this year, InBasket functionality was added to route incomplete anesthesia records to the responsible provider to improve timely completion of charts.

Many projects are in the various phases of development include validating Ongoing Professional Performance Evaluation Metrics Reports, Perioperative Surgical Home Data Extraction, and Safety/Event Reports. In support of these ongoing initiatives, the Department of Pediatric Anesthesiology has allocated funding for a clinical data specialist to facilitate these projects. We are excited and committed to future collaboration with the EPIC Team for development of Fetal Intervention Workflows and more seamless integration and transfer of information to our national data registries: Wake Up Safe and STS Congenital Heart Surgery Database.

AQI TEAM

The current session of the TCH Advanced Quality Improvement (AQI) class features a team based in the Department of Anesthesiology. The team includes Matthew James, Julie Nicholson, Dani Gleason (Legal), and is led by Erin Gottlieb as Project Leader and Sarah Sommers as Project Manager. Amber Rogers serves as team Coach, having previously completed the AQI class. The team's project aims to reduce the wastage of cryoprecipitate in the CV operating rooms. In recent years, about half of the cryoprecipitate ordered ends up wasted. The team's efforts include education about current usage patterns, promotion of an alternative product, and the development of better means for goal directed therapy in perioperative hemostasis. RiaSTAP is a pharmaceutical fibrinogen concentrate that may be used instead of cryoprecipitate. ROTEM provides information on the whole kinetics of hemostasis, allowing providers to make more informed decisions regarding blood product transfusion. The project should be completed in September of 2015. Keep your ears open for stories of their success.

ANESTHESIA QUALITY IMPROVEMENT UPDATE

Toni Felberg and Elyse Parchmont have recently completed a protocol defining best practices for anesthesia equipment preparation for children who are at high risk for Malignant Hyperthermia. They will provide an educational in-service for the Department of Pediatric Anesthesiology on the use and benefits of the Vapor-Clean activated charcoal filters. These filters will be attached to the breathing circuit to remove anesthetic gases. This is a great example of researching new solutions and best practices to improve the quality of care that we provide to our patients at Texas Children’s Hospital. The Quality Improvement committee and the Department of Pediatric Anesthesiology appreciate their dedication to enhance patient safety.

We also want to thank all providers for their dedication and diligence in the prevention of Hospital Acquired Pressure Ulcers (HAPUs) in the Operating Rooms. Since July 2014, we have not had any reportable (Stage III or IV) pressure ulcers attributed to the perioperative area. HAPU prevention is a hospital-wide Quality Improvement initiative that is a part of the Solutions for Patient Safety (SPS) collaborative. The Peri-Operative HAPU Prevention Bundle includes careful padding and frequent examination of all pressure points. This bundle is helping Texas Children’s Hospital achieve its goal of reducing the annual reportable HAPU rate from 0.23/1000 patient days to 0.2/1000 patients days by September 30, 2015.
EXECUTIVE UPDATE
From H. Mallory Caldwell, Senior Vice President

Thank you all for giving me such a warm welcome into my new role with the Texas Children's Hospital Department of Pediatric Anesthesiology.

Prior to taking this new role, I have had the pleasure of working with you on a variety of special projects: for example, a series of leadership planning retreats and the Perioperative Surgical Home. What I have come to know is that you all are one impressive group of physician leaders! Most notably, when you set a goal for the Department, you all come together seamlessly to make continual, steady progress until the goal is reached. And given that you are all such friendly and respectful colleagues, you have a good deal of fun along the way. This is truly distinctive, and I am excited to be a part of the team!

Perhaps the most exciting for me is that we have a huge agenda ahead of us, including growth across the region, the addition of new services, the full implementation of our new Divisional structure, and ongoing investment in professional development of one another. I am very much looking forward to our working together on this and much more.

We already have a great story to tell. I am convinced that it is only going to get better as we establish ourselves as the undeniably best Department of Pediatric Anesthesiology in the nation.
NEW PEDIATRIC ANESTHESIOLOGY DEPARTMENT GOVERNANCE STRUCTURE

Texas Children’s Hospital Pediatric Anesthesiology has grown rapidly as a Department, and as of July 2015 we performed 40,000 anesthetics in the past 12 months, in over 40 daily anesthetizing locations. We now have 65 Pediatric Anesthesiologists, and 25 CRNAs.

Major initiatives in Pain Medicine, Research, and Critical Care Anesthesia have been very successful in enhancing these areas over the past several years. The Main Campus operating rooms and Heart Center continue to grow, but major Departmental growth has occurred at the West Campus, and in Radiology sedation. The future Woodlands Campus, opening in 2017, and CareFirst Pediatric Tower E on the Main Campus, opening in 2018, translate into continued major annual growth. After a yearlong effort by Department physician and administrative leadership, the new Department governance structure became official on July 1, 2015. As the organization chart below details, TCH pediatric Anesthesiology now has six official Divisions: General Anesthesiology with Thomas Shaw as Director; Pediatric Cardiovascular Anesthesiology Directed by Emad Mossad; and four new Divisions: Pain Medicine; Community Anesthesiology directed by Chris Glover, Anesthesiology-Critical Care with Blaine Easley as Director; and Research directed by Ken Brady. Several of these Divisions have additional leadership positions for services such as Sedation. Although the Critical Care Medicine Service is formally housed in the Department of Pediatrics, with our Anesthesiology faculty who practice Critical Care having joint appointments there, the Division of Anesthesiology-Critical Care was formed to facilitate communication among the anesthesiologists who practice in the Cardiovascular ICU, Pediatric ICU, and the new Surgical Recovery Unit. Current and future recruitment should result in TCH having a faculty that includes at least five fully trained and board certified pediatric intensivists who are also fully trained and board-certified pediatric anesthesiologists in the next 1-2 years.

Another major governance change is the new Executive Committee, which has been significantly expanded to better provide representation, and communication among all Department stakeholders. Elected members from the ranks of the CRNA faculty, and Division faculty, as well as an elected representative from the junior faculty, and appointed representative from senior faculty, will all increase the voice of these groups in Department strategy and major operations. I would like to thank our former Senior Vice President Mark Mullarkey, current Senior VP Mallory Caldwell, Project Manager Sara Sommers, and the Anesthesiology Cabinet for many hours of work and discussion to produce this major improvement in Department structure.
WELCOME 2015-2016 FELLOW CELEBRATION

2015-2016 Fellows and Dr. R. Blaine Easley, Director of Anesthesia Critical Care & Education
Thank you to all who joined us for the Welcome Fellows event held on Saturday July 11th, 2015.

ACADEMIC PROMOTIONS

The promotion of Chris Glover, M.D., from Assistant Professor (non-tenure track) to Associate Professor (non-tenured), in the Department of Anesthesiology, was approved.

The promotion of Erin Gottlieb, M.D., from Assistant Professor (non-tenure track) to Associate Professor (non-tenured), in the Department of Anesthesiology, was approved.

The promotion of David Mann, M.D., M.S., from Assistant Professor (non-tenure track) to Associate Professor (non-tenured), in the Department of Anesthesiology, was approved.

The promotion of Kim-Phuong Nguyen, M.D., from Assistant Professor (non-tenure track) to Associate Professor (non-tenured), in the Department of Anesthesiology, was approved.

The promotion of David A. Young, M.D., from Associate Professor (non-tenure track) to Professor (non-tenured), in the Department of Anesthesiology, was approved.

PEDIATRIC ANESTHESIOLOGY FELLOW’S DIFFICULT AIRWAY WORKSHOP

The Steering Committee for the workshop would like to thank the following people from perioperative services that supported our first Pediatric Anesthesiology Fellow's Difficult Airway workshop. As you know, training future leaders in pediatric anesthesiology in the management of patients with difficult airways is of the utmost importance to our department. Thanks to the assistance of the following people and many others, we were able to conduct an effective workshop in the CCC:

Judy Almaguer-Bravo
Morgan Burns
Blaine Easley
Paul Hopkins
Erin Gottlieb
Okeima McCrumby
Julie Morin
Alvin Salarada
Isaac Vaughn
Daphne Williams

Dr. Patrice Wilson practicing Nasal Fiberoptic Intubation
Dr. Thomas Shaw instructing on Practical Airway Management.
Rapid growth in tertiary and quaternary patient care needs at Texas Children’s Hospital have resulted in several years of very full ICUs, which have often been at capacity and even turning patients away from outside transport, and postponing elective surgeries requiring postoperative ICU care.

In the fall of 2013 and 2014, Dr. Blaine Easley led a successful effort during the fall and winter “surge” periods to organize a PICU-PACU “overflow” service to care for postoperative patients requiring 12-24 hours of observation before transfer to a ward setting. Most of these patients were neurosurgical patients, and this service, housed in the PACU, resulted in increased capacity and reduced elective surgical cancellations.

Because of his leadership, Dr. Easley has been named the Medical Director of Surgical Intensive Care, with this position starting in June 2015. Under his leadership, and working collaboratively with the Section of Critical Care Medicine in the Department of Pediatrics, and also with the Department of Surgery, the new Surgical Recovery Unit (SRU) opened on July 6, 2015. The SRU is a four-bed unit within the PACU that is staffed by fully trained and Board Certified Critical Care Medicine physicians from Pediatrics and Anesthesiology, and is staffed by intensive care nurses and ancillary staff. This new unit initiate’s formal Surgical ICU practice at Texas Children’s and is the precursor to the future Surgical ICU, a 12-bed unit planned for the CareFirst tower. Dr. Easley will be the director of the SICU, which will allow TCH to provide the highest level of specialized care for critically ill operating room patients, in a location on the floor immediately above the new high-intensity operating rooms planned for CareFirst and opening in 2018.

A unique feature of both the SRU, and SICU, is a direct-admit model from the OR, bypassing traditional PACU care to facilitate better communication and patient care by eliminating a handoff to a transitional period of care. Congratulations to Dr. Easley for being named to this new leadership position, and for collaborative leadership to work under the auspices of the Section of Critical Care Medicine, and being part of that leadership team, while enhancing the practice of critical care in the Department of Pediatric Anesthesiology.

Anesthesia for Congenital Heart Disease, 3rd Edition, edited by Drs. Dean Andropoulos, Steve Stayer, Emad Mossad, and Wanda Miller-Hance, and published by Wiley, will be released in September. This textbook is the leading reference source for the field, and since the first edition, published in 2005, readership has increased significantly all over the world with many copies purchased on six continents. The new edition contains 32 chapters, over 800 pages, and for the first time is in full color. All faculty members in the Department, as well as all fellows, will receive a free copy of the text along with the full electronic access.
ANNUAL ANESTHESIA EQUIPMENT RODEO
The Annual Anesthesia Equipment Rodeo was held on Wednesday, July 15th 2015. The Annual event was a success and we extend a sincere thanks to all staff that attended.

DEPARTMENT OF ANESTHESIOLOGY RESIDENCY AND FELLOWSHIP GRADUATION CEREMONY
The Baylor College of Medicine Department of Anesthesiology Residency and Fellowship Graduation Ceremony was held on Saturday, June 13, 2015, at River Oaks Country Club. A wonderful afternoon of celebration was experienced by all in attendance. Please see the list of our graduates’ names and future plans as well as a listing of the faculty and resident service awards that were presented at the ceremony. Congratulations to everyone! The Department sincerely wishes its graduates the very best on their future endeavors!

GRADUATES
Monte Chin
Faculty, South Bay Anesthesia
Dheeraj Goswami
Fellowship, TCH Pedi CV Anesthesiology
Faiz Nasser
Faculty, Greater Houston Anesthesiology
Tricia Vecchione
Regional Fellowship, Boston Children’s Hospital
Eric Vu
Research Fellowship, Texas Children’s Hospital
Queenie Wilkins
Faculty, Clear Lake Regional Medical Center

We are delighted to have returning Fellows, Eric Vu, MD and Dheeraj Goswami, MD. Both are doing CV/Research combined fellowships.

FACULTY AND RESIDENT SERVICE AWARDS
Chairman’s Award for service to the Baylor College of Medicine Department of Anesthesiology – Dean Andropoulos, MD
Golden Apple Resident Teaching Award – Carlos Campos, MD
Golden Apple Pediatric Rising Star Teaching Award – Nihar Patel, MD
Broken Heart Award for Outstanding Resident in Pediatric Anesthesiology – Philip Smith, MD
Lewis A. Coveler, MD Memorial Award for Outstanding Fellow in Pediatric Anesthesiology – Dheeraj Goswami, MD
NEW FACULTY

Ashraf M. Resheidat, MD, obtained his Doctorate degree in 2002 from Jordan University of Science and Technology in Irbid, Jordan. Dr. Resheidat completed an Internship in Medicine at Ministry of Health, Irbid, Jordan 2003; and Pediatric Residency at University of Illinois at Chicago, 2007; Pediatric Critical Care Fellowship, University of Texas-Southwestern, 2010; Anesthesiology Residency, University of Texas Southwestern, 2013; Pediatric Anesthesiology Fellowship, Baylor College of Medicine/Texas Children’s Hospital, 2014 and Pediatric Cardiovascular Anesthesiology Fellowship, Baylor College of Medicine/Texas Children’s Hospital, 2015.

Bernadette A. Lord, CRNA, has joined Pediatric Anesthesiology. Bernadette received a Bachelor of Science Degree in Biology from northeastern University, in Boston, MA in 2001 and a second Bachelor of Science Degree in Nursing from Northeastern University, in Boston, MA in 2006. She then obtained her masters of Biological Science/ Anesthesia from Central Connecticut State University/ Memorial Hospital of Rhode Island, School of Nurse Anesthesia, Pawtucket, Rhode Island, 2012.

Valerie K. Jones, CRNA, received a Bachelor of Science Degree in Political Science from Texas A&M University, College Station, TX in 2003, and a second Bachelor of Science Degree in Nursing from Johns Hopkins University in Baltimore, Maryland in 2005. She then obtained her Master of Science in Nurse Anesthesia at the University of Pennsylvania in Philadelphia, PA in 2010.

Nathan S. Jones, CRNA, received a Bachelor of Science Degree in Nursing from University of Texas, Austin in 2002. He then obtained his Master of Science in Nurse Anesthesia at the University of Texas Health Science Center in Houston, TX in 2015.
Lauren Dies, MD, recently completed an Anesthesiology Residency at the University of Texas Health Science Center at Houston. She completed her undergraduate degree with a Bachelor’s of Arts in Government from the University of Texas in Austin and her MD degree at the University of Texas Health Science Center in San Antonio.

Jeramie Hanson, MD, recently completed an Anesthesiology Residency at Scott and White Memorial Hospital in Temple, Texas. He completed his undergraduate degree with a Bachelor’s of Science in Biology at Abilene Christian University and his MD degree at Texas A&M Health Science Center.

Ravish Kapoor, MD, was a staff Anesthesiologists at Heritage Valley Sewickley Hospital. He completed his undergraduate degree receiving a Bachelor’s of Science in Biology and Health Education from the University of Houston Honors College and MD degree from the University of Texas Health Science Center at San Antonio. Followed by an Anesthesiology Residency at Penn State Milton S. Hershey Medical Center.

Captain Angela McElrath, MD, recently completed an Anesthesiology Residency from the Uniformed Services Health Education Consortium in San Antonio. She completed her undergraduate degree with a Bachelor’s of Science in Biology from the United States Air Force Academy and her MD degree from the University of Texas Medical School at Houston.

Patrice Wilson, MD, recently completed an Anesthesiology Residency from the Mayo Clinic in Rochester, Minnesota. She received her Bachelor’s of Science in Biology at Baylor University in Waco, Texas and her MD degree at the University of Texas Health Science Center in San Antonio.

Please welcome our 2015-2016 Pediatric Anesthesiology FELLOWS
MANAGEMENT REPORT
Pediatric Anesthesiology Department
January 2015

PROFESSIONAL PRESENTATIONS
AND PUBLICATIONS


R. Blaine Easley, MD gave a lecture titled Pain and Sedation Management in the Cardiac Patient on December 4, 2014 for the Department of Pediatric Anesthesiology’s Cardiovascular Anesthesiology Fellows Lecture Series.

R. Blaine Easley, MD spoke on the Management of Non-Cardiac Pain in the Cardiac Patient on December 11, 2014 to physicians at the Pediatric Cardiac Intensive Care Society (PCICS) in Miami, Florida.

Chris D. Glover, MD gave a talk on IV Ibuprofen for Postoperative Pain Control in Pediatric Patients at the Post-Graduate Assembly of Anesthesiology meeting in New York City in December 2014.

Priscilla Garcia, MD led a Problem-Based Learning Discussion on Neurosurgery in the Pediatric Patient in December for a group of learners at Baylor College of Medicine.

Titi Aina, MD gave a talk on Anesthetic Management of a 20-Month Old with Laryngeal Mass and a Tonsillar Bleed on December 15, 2014 at the Post-Graduate Assembly of Anesthesiology meeting in New York City.

Erin Gottlieb, MD gave a lecture titled The Patient with a Blalock-Taussig Shunt on December 4, 2014 for the Department of Pediatric Anesthesiology’s Cardiovascular Anesthesiology Fellows Lecture Series.

Thomas Shaw, MD taught a Difficult Airway Workshop for the Society of Pediatric Anesthesiology in Fort Lauderdale, FL.

ACCREDITATION/AWARDS/RECOGNITION

Carlos Campos, MD, Pablo Motta, MD and Olutoyin Olutoye, MD each received a Fulbright & Jaworski Faculty Excellence Award for Teaching & Evaluation. Olutoyin Olutoye, MD also received a Fulbright & Jaworski Faculty Excellence Award for Educational Research.

In addition, Olutoyin Olutoye, MD received the Faculty Excellence in Clinical Care 2015 Rising Star Clinician Award.

VISITING PROFESSOR

Pediatric Anesthesiology hosted Visiting Professor, Zeljko J. Bosnajak, PhD, Professor of Anesthesiology and Physiology, Vice Chairman for Research, Medical College of Wisconsin. Dr. Bosnajak presented Anesthesiology Grand Rounds entitled Basic Science and its Clinical Application: The use of Stem Cells for an in vitro Model of Human Diseases at Baylor College of Medicine to the Department of Anesthesiology and Pediatric Anesthesiology faculty, fellows and research staff. Dr. Bosnajak was given a tour of the Texas Children’s Hospital research facilities.

MANAGEMENT REPORT
Pediatric Anesthesiology Department
February 2015

PROFESSIONAL PRESENTATIONS
AND PUBLICATIONS


Dean B. Andropoulos, MD, MHCM presented Anesthetics in Children: Is Anesthesia Safe for My Patients? at the Cutting Edge of Pediatrics Conference put on by the Texas Children’s Hospital Department of Surgery on January 31, 2015. This conference was a special CME event for over 100 local and regional pediatricians.

Nick Carling, MD presented a lecture entitled Undertransfusion in the Neonate at the Pediatric Anesthesiology Quality Improvement Conference at Texas Children’s Hospital in January.

Nancy Glass, MD gave a talk entitled Pediatric Airway, 1 & 2 to Anesthesia Residents and SRNAs at the Pediatric Anesthesiology Resident Lecture Series at Texas Children’s Hospital on January 29, 2015.

Emad B. Mossad, MD and Pablo Motta, MD presented Critical Communication for Early Extubation at Texas Children’s Hospital Surgical Grand Rounds on January 23, 2015.

Carlos Rodriguez, MD presented an Airway Workshop, “West Campus PACU Rodeo 2015: Session C”, Texas Children’s Hospital, West Campus, Houston, TX.
Amber Rogers, MD presented a lecture entitled Pediatric Sedation at the Texas Children’s Hospital Pediatric Noon Conference on January 15, 2015.

Premal Trivedi, MD presented a QA lecture entitled When vital signs deceive: post-PICC line hypoperfusion in a neonate s/p stage 1 palliation at the Pediatric Cardiovascular Anesthesiology Conference at Texas Children’s Hospital.

David Young, MD was invited to present two workshops on How to incorporate checklists into your scenarios and Improving effectiveness of emergency manual implementation at the Society for Simulation in Healthcare International Meeting for Simulation Healthcare Annual Meeting in New Orleans, LA.

ACCREDITATION/AWARDS/RECOGNITION

Laura Torres, MD was awarded the “Non-Department of Pediatrics Faculty Teaching Award” from Baylor College of Medicine Department of Pediatrics on January 27, 2015.

SITE VISITS/TOURS

A delegation of nurse, anesthesiologists, and perioperative administrators from Children’s Hospital of Pennsylvania (CHOP) visited TCH on January 26, 2015, to obtain information on several perioperative processes. The team from CHOP were paired with their counterparts here at TCH. Many of the visitors commented on the “esprit de corps” at TCH. Drs. Wesson, Hollier and Roth all joined the group discussion, and the group was very impressed on the great relationship between anesthesia, surgery, nursing, and administration in the operating rooms.

MANAGEMENT REPORT
Pediatric Anesthesiology Department
March 2015

PROFESSIONAL PRESENTATIONS AND PUBLICATIONS

Nancy Glass, MD presented a Problem Based Learning Discussion entitled Caudal and Spinal Blocks in Children on February 5, 2015 to Anesthesiology Residents, Student Registered Nurse Anesthetists, and Medical Students at the Resident Lecture Series, held by the Department of Pediatric Anesthesiology at Texas Children’s Hospital.

Nancy Glass, MD presented a lecture entitled When Faith Becomes a Barrier on February 13, 2015 at the Pediatric H.O.P.E., Helping Our Pain Ease Conference, in Fort Worth, Texas. The audience of this lecture included multidisciplinary Texas based, pediatric hospice and palliative care practitioners.

Nancy Glass, MD presented a lecture entitled Anesthetic Issues in the Management of the Obese Child at the New Mexico State Society Winter Meeting in Albuquerque, New Mexico on February 28, 2015.

Michael Gorena, MD gave a talk entitled Local Anesthetic Systemic Toxicity and Intralipid to the Post Anesthesia Care Unit nurses at Texas Children’s Hospital on February 11, 2015.

Wanda C. Miller-Hance, MD presented at lecture entitled Trans-Esophageal Echocardiography for Adult Congenital Heart Diseases at Texas Heart Institute, Department of Cardiovascular Anesthesiology, Cardiovascular Anesthesia Fellowship Lecture Series.

Emad B. Mossad, MD presented a lecture entitled Right Ventricle Biopsy Blues at the Pediatric Cardiovascular Anesthesiology Quality and Assurance Conference Lecture Series, on February 26, 2015, Texas Children’s Hospital.

Emad B. Mossad MD presented at lecture entitled Cardiopulmonary Bypass in Children at Texas Heart Institute, Department of Cardiovascular Anesthesiology, Cardiovascular Anesthesia Fellowship Lecture Series on February 2, 2015.

Olutoyin A. Olutoye, MD gave a lecture entitled Mentoring to Pediatric Anesthesiology Faculty and Fellows at the Pediatric Anesthesiology Fellow Lecture Series on February 10, 2015, Texas Children’s Hospital.

Olutoyin A. Olutoye, MD presented a lecture entitled Stridor and Airway Obstruction at the Baylor College of Medicine, Senior Seminar Lecture Series, on February 27, 2015. Her audience consisted of Baylor College of Medicine Anesthesiology Residents.

Nihar Patel, MD was invited to present a Workshop and a lecture at the Emergency Medicine Grand Rounds, Dell Children’s Hospital in Austin, Texas on February 11, 2015. Dr. Patel’s workshop was entitled Ultrasound Guided Regional Anesthesia, and his lecture Regional Blockade for Emergency Medicine Physician. The audience consisted of hospital physicians and fellows.

Jamie Wingate, MD presented a lecture entitled Energy, Too Much on February 27, 2015, at the Pediatric Anesthesiology Resident Lecture Series at Texas Children’s Hospital.

ACCREDITATION/AWARDS/RECOGNITION

Kathleen Kibler, BS, Certified Clinical Perfusionist, Instructor of Pediatric Anesthesiology, was inducted into the American Academy of Cardiovascular Perfusion, as a fellow member on February 5, 2015. There are only 200 members nationally.
Mary Felberg, MD presented a lecture entitled Perioperative Management of Patients with Inborn Errors of Metabolism: A Team Approach at the Houston Children’s Museum, Evening with Genetics Lecture Series, to the general public on March 10, 2015.

Titiopemi Aina, MD presented a lecture entitled Postoperative Stroke in a Patient with Moyamoya Disease at the International Anesthesia Research Society 2015 Annual Meeting and International Science Symposium, on March 21, 2015 in Conference in Honolulu, Hawaii.

Lisa Caplan, MD presented a poster entitled Medium-chain acyl-CoA Dehydrogenase Deficiency Patient and Anesthesia at the Society for Pediatric Anesthesiology, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona.

Julia Chen, MD lead a Practice Based Learning Discussion entitled Cleft Lip and Palate, Anesthesiology Resident Lecture, Department of Pediatric Anesthesiology, Baylor College of Medicine, Texas Children’s Hospital, on March 31, 2015.

R. Blaine Easley, MD presented an abstract entitled Acute coronary artery thrombosis in two children with complex cardiac disease at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona.

R. Blaine Easley, MD presented an abstract entitled Predicting clinical deterioration in infants with Hypoplastic Left Heart Syndrome at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona.

Nancy Glass, MD moderated a Panel entitled Pharmacogenetics at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona.

Nancy Glass, MD was a Co-Leader of a workshop entitled Developing and Presenting a Great Practice Based Learning Discussion at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona.

Chris Glover, MD and Yang Liu, MD presented an abstract entitled The Use of a Smart Phone Based Spaced Learning Platform for Anesthesia Education Engagement by Residents and Fellows at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona on March 15, 2015.


Erin Gottlieb, MD was a co-presenter of an abstract entitled The Perioperative Management of the Pediatric Patient with Anomalous Aortic Origin of a Coronary Artery at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona on March 15, 2015.

Helena Karlberg Hippard, MD presented a walk around poster presentation entitled A comparison between two videolaryngoscopes, the Truview Picture Capture Device and the Glidescope Cobolt Advanced Video Laryngoscope in successfully intubating pediatric mannequins with and without difficult airway at the International Anesthesia Research Society 2015 Annual Meeting and International Science Symposium in Honolulu, Hawaii.

Yang Liu, MD presented an abstract entitled Case Report: Anesthesia care for a Pediatric Patient with Anti-NMDA Receptor Encephalitis at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona.

Wanda Miller-Hance, MD presented a lecture entitled Tetralogy of Fallot and Transposition of the Great Arteries at the Baylor College of Medicine, Department of Anesthesiology, Anesthesiology Resident Senior Seminar Lecture Series on March 10, 2015.

Wanda Miller-Hance, MD presented workshop entitled Transthoracic Echocardiography at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona, on March 13, 2015.

Wanda Miller-Hance, MD presented workshop entitled Transesophageal Echocardiography Workshop at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona, on March 14, 2015.

Evelyn Monico, MD presented a Problem Based Learning Discussion entitled Pain Management of Burns at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona, in March 2015.

Pablo Motta, MD presented an abstract entitled The Perioperative Management of the Pediatric Patient with Anomalous Aortic Origin of a Coronary Artery at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona, in March 2015.
Kim Nguyen, MD presented an abstract entitled *Single Dose of Intraoperative Methadone Does Not Reduce Pain Scores in Pediatric Scoliosis Patients* at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona, in March 2015.

Kim Nguyen, MD presented an abstract entitled *Dexmedetomidine Induced Polyuria in Pediatric Spine Patients* at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona, in March 2015.

Olutoye Olutoyin, MD presented a Research Workshop entitled *Mentoring* at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona, on March 13, 2015.

Olutoye Olutoyin, MD presented a Fetal Anesthesia Workshop entitled *Anesthesia for Open Fetal Surgery* at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona, on March 14, 2015.

Thomas Shaw, MD presented a poster entitled *Objective Confirmation of Subjective Perception of Anesthesiologist Efficiency* at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona.

Premal Trivedi, MD presented a Problem Based Learning Discussion entitled *Anything’s Possible in an Adult with Failing Fontan Physiology (Especially at Your Local Children’s Hospital)* at the Society for Pediatric Anesthesia, Pediatric Anesthesiology 2015 annual meeting in Phoenix, Arizona.

David Vener, MD presented a lecture entitled *Congenital Cardiac Anesthesia Society, Society of Thoracic Surgeons Database* at the Congenital Cardiac Anesthesia Society Annual Meeting Plenary in Phoenix, Arizona.


**ACCREDITATION/AWARDS/RECOGNITION**

Dean Andropoulos, MD was appointed as President and CEO of the Pediatric Anesthesia Leadership Council.

**VISITING PROFESSOR**

Randall Clark, MD. Associate Professor of Anesthesiology at the University Of Colorado School Of Medicine and Children’s Hospital of Colorado, visited Texas Children’s Hospital on Thursday, March 19th, and spoke on *The Biggest Challenges Currently Facing Pediatric Anesthesiology*. 

**MANAGEMENT REPORT**

Pediatric Anesthesiology Department
May 2015

**PROFESSIONAL PRESENTATIONS AND PUBLICATIONS**

Lisa Caplan, MD presented a lecture entitled *Anterior Mediastinal Mass* on April 9, 2015 at the Pediatric Cardiovascular Anesthesia Conference, Department of Pediatric Anesthesia, Baylor College of Medicine at Texas Children’s Hospital to faculty and fellows.

Lisa Caplan, MD presented a lecture entitled *Pain is in the eye of the beholder* on April 24, 2015 at the 21st Annual Spring Anesthesia History Association Meeting at UT MD Anderson Cancer Center, Houston, Texas.

Michelle Dalton, MD presented a lecture entitled *Thermoregulation in Pediatric Surgical Patients* at the Anesthesia Resident Lecture Series, Department of Pediatric Anesthesiology, Baylor College of Medicine, Texas Children’s Hospital, Houston, Texas.

R. Blaine Easley, MD presented a lecture entitled *Improving Neurodevelopmental Outcomes in Congenital Heart Disease – bench to bedside* at Johns Hopkins Children’s Center Grand Rounds, Department of Anesthesiology and Critical Care Medicine in Baltimore, Maryland on April 23, 2015.

Mary Felberg, MD presented a lecture entitled *Anesthetic Waste Gas* to the Post Anesthesia Care Unit staff nurses on April 8, 2015 at Texas Children’s Hospital.

Erin Gottlieb, MD presented an abstract entitled *The Perioperative Management of Left Endobronchial Carcinoid Tumor in a 9 Year-old Female*, featured as the Best Difficult Case abstract, at the Society of Cardiovascular Anesthesiologists 4th Annual Thoracic Anesthesia Symposium in Washington, DC on April 10, 2015.

Erin Williams, MD presented a talk at the Integrated Problem Solving medical student course at Baylor College of Medicine.

**VISITING PROFESSOR**

Zeev Kain, MD, a pediatric anesthesiologist from UC Irvine and also the perioperative surgical home model creator, visited Texas Children’s Hospital on April 2-3, 2015. He spoke at surgical grand rounds on the surgical home model and then met with a large group of anesthesiology and surgical leaders. At the meeting, clinical leaders presented their progress-to-date on surgical home initiatives at Texas Children’s. Afterwards, Dr. Kain gave his suggestions for areas to focus on and affirmed the hospital’s current success in developing the surgical home.
Also very new and exciting for this academic year is the official start of our new Department structure, with six Divisions: General Anesthesia led by Thomas Shaw; Cardiovascular Anesthesia led by Emad Mossad; Pain Medicine; Anesthesia Critical Care led by Blaine Easley; Research led by Ken Brady; and Community Anesthesia led by Chris Glover. This new structure provides communication and leadership in a number of new areas that is so crucial as our Department grows, and our geographic locations spread out further, both on the Main Campus, and to our community hospitals: West Campus and the future Woodlands Campus. This change has been several years in the planning, and it is very exciting to see it actually become official. Please congratulate and support these new Division Directors as they start their roles.

We are welcoming a number of new anesthesiologists and CRNAs this summer: Nathan Jones, CRNA, Valerie Jones, CRNA, Ashraf Resheidat, MD, Bernadette Lord, CRNA and Megha Kanjia, MD.

Another very important milestone is the opening of the new Surgical Recovery Unit; which is a four-bed unit housed within the current PACU for surgical patients needing short term intensive care service after the operating room. We are pleased that Dr. Blaine Easley has been named Medical Director of Surgical Intensive Care, working within the Section of Critical Care Medicine in the Department of Pediatrics. He has a major role in planning, organizing, and ensuring staffing for the new SRU. Attending physician staffing will be from both Anesthesiology and Pediatric Critical Care, and promises much improved care and expanded bed capacity for our patients. Blaine will also be the director of the new Surgical Intensive Care Unit, which will open with the new CareFirst tower in about three years.

Please take a moment to join me in welcoming the many new faculty and fellows during this exciting time of growth and change for the Texas Children’s Department of Pediatric Anesthesiology. By the end of this summer we will number over 90 MDs and CRNAs, and still growing!