

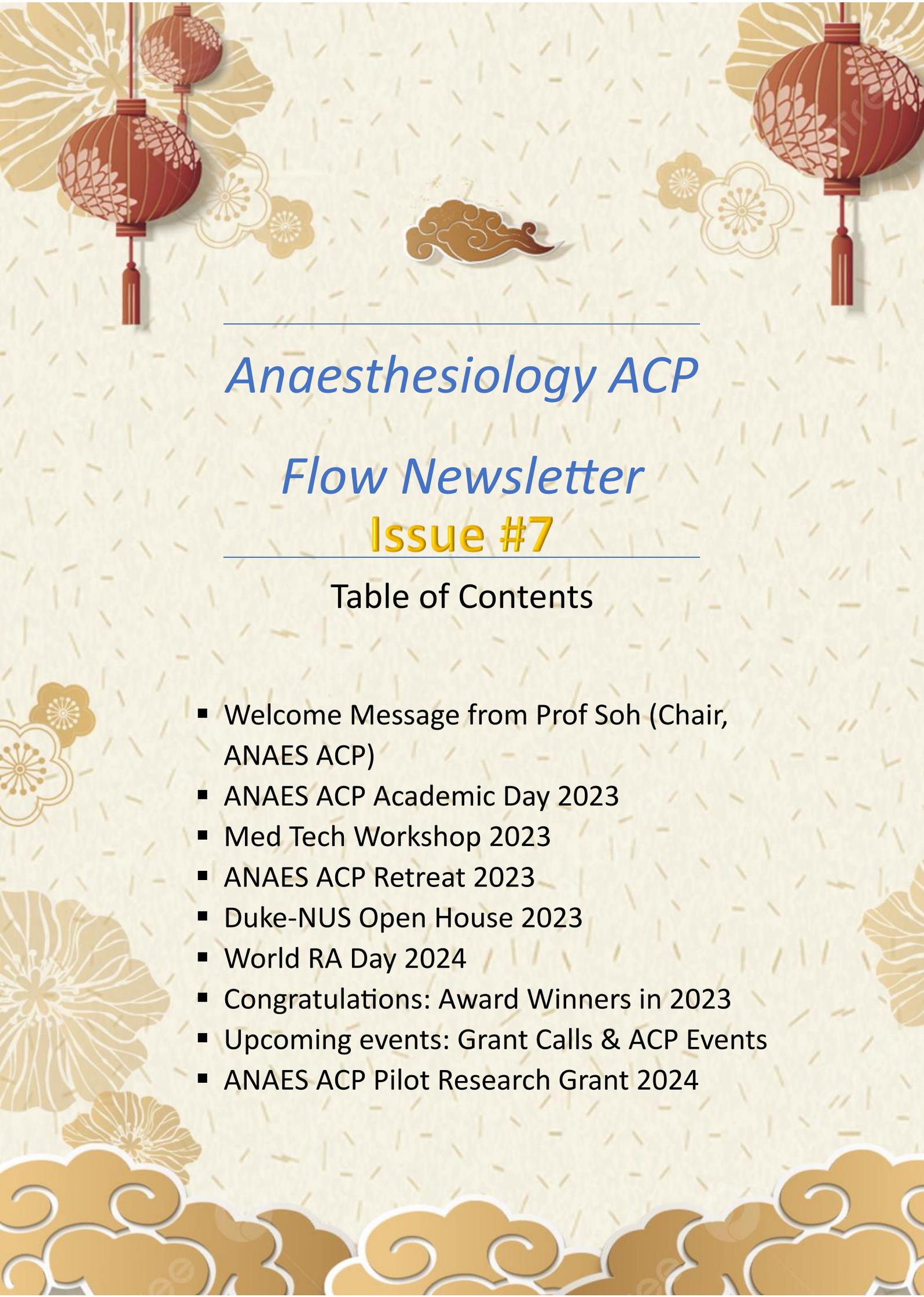
# Anaesthesiology ACP Newsletter

# Flow

Issue

#7





---

# *Anaesthesiology ACP*

## *Flow Newsletter*

### **Issue #7**

---

#### Table of Contents

- Welcome Message from Prof Soh (Chair, ANAES ACP)
- ANAES ACP Academic Day 2023
- Med Tech Workshop 2023
- ANAES ACP Retreat 2023
- Duke-NUS Open House 2023
- World RA Day 2024
- Congratulations: Award Winners in 2023
- Upcoming events: Grant Calls & ACP Events
- ANAES ACP Pilot Research Grant 2024



# Greetings From Our ACP Chair

Last year 2023, we witnessed our researchers increasing their competitive funding success at the National level and the number of publications compared to 2022.

The pipeline of inventions from several of our researchers including A/Prof Sng Ban Leong and Hairil Rizal Bin Abdullah have also been highly visible in the mass media.

This speaks volumes about the progress of our specialty in being able to bring our innovations to the market as well as to translate our research to clinical practice. The growth in the number and quality of our young researchers brings into focus the importance of reinforcing the support structure to maximize their potential.

Our historical focus on forming and strengthening partnerships has generated some of our most successful collaborations in research, education, innovation and quality improvement and this has gained greater significance in the push towards healthierSG and population health.

The examples of successful projects share a common thread of being achieved on the back of strong collaboration with external stakeholders and we intend to maintain our focus on supporting these partnerships.

Many of our ACP's leaders have benefited from our relationship with Duke Anaesthesiology, including working on joint publications.

A/Prof Chan Yew Weng is the convener for this year's World Congress of Anaesthesiology in Singapore and we will organize a networking session with the Duke faculty when they here.

We are also working on partnerships with Duke pain medicine, surgical critical care as well as perioperative medicine to identify the synergies that we can establish in these domains.

This year in January we have sent a perioperative team to Duke and we will be sending a pain medicine team as well to Duke to further strengthen our ties.

The feedback scores for our medical students and residents have been benchmarked against national averages and in this regard, our residency program has consistently maintained the scores above that. Our educators' efforts have seen them secure the best ACGME-I Programme Award as well as AMEI Golden Apple Awards in 2023.

The Clinical Quality & Services pillar led by Dr Teo Li Ming and her team has been working on building the infrastructure to implement evidence-based practices and the experience garnered will be invaluable when she leads the EPIC migration workgroup.

Moving on to establishing a bigger footprint nationally, the team led by Dr Diana Chan secured approval from the Singhealth Medical Board to set up the Pain Singhealth Duke-NUS Disease Centre.

The Philanthropy group led by Dr June Goh has been working on multiple fronts. This has been an important source of support for our emerging researchers through the philanthropy grant calls leveraging on this.

Last year's ACP Academic Day and Retreat brought together faculty members of the various departments to share their work and future plans.

During last year's Singhealth Duke-NUS Strategy Retreat, our leaders reaffirmed our aim to be a world-leading Academic Health System to improve lives.

This will not be possible unless we build our specialty's future on the foundations of education that is based on best evidence, research that translates to clinical practice, quality improvement that leverages on implementation science and leadership that transforms individuals and teams.

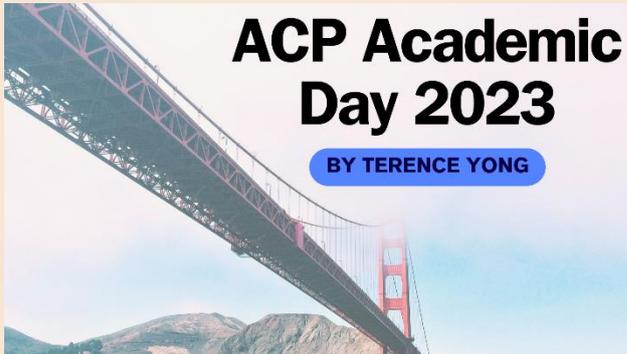
It is vital that we build the internal communities of practice and networks that are essential for success in this highly competitive arena.

To the newer ACP faculty, make use of this opportunity to tap on your senior colleagues' wealth of experience. For the senior faculty, provide your feedback, share your experience and better still introduce them to your network and be an advocate for our younger colleagues.

I wish to thank the newsletter committee led by editor Dr Siow Yew Nam and the admin team led by Gary Ong for creating the content for this newsletter that is the voice of the ACP faculty.

**Thank you all for your efforts to drive our specialty's academic mission and Happy Lunar New Year!**





Our Anaesthesiology ACP Academic Day on July 22, 2023. It was our first in-person event since 2019. Attended by close to 60 faculty. The event provided the opportunity to take-stock of the academic achievements for the year, welcome our R1 residents, share our experiences.

The day started with a friendly welcome from our Academic Chairperson, setting a positive tone for the session. Three interesting presentations on QI projects, led by our Residents, talking about *Reduction of Fresh Frozen Plasma (FFP) wastage in Sengkang General Hospital*, *The Creation of "Are you TOF enough?"* & *Match in Time*.



Dr. Tham Shu Qi delivered a captivating presentation on streamlining operations in the Operating Theatre for improved efficiency. Subsequently, we enjoyed an introduction to welcome our new Residents.





The event featured abstracts and highlighted the prestigious SRTDA award for 2022. The 2022 SRTDA awardee, Dr Lynn Chen presented her SRTDA journey in 2023, from her leadership course at Harvard T.H.Chan School of Public Health to her observership at Tufts Medical Centre. She further explained that during this trip, she learned how to assume leadership during a health crisis, managing dynamic shift in balance of power in workers' favour, mastering conflict resolution and negotiation skills and understanding the concept of Meta-leadership.

Dr Tham ended her presentation by giving an introduction of the ANAES ACP SRTDA programme, which can be summarized as to allow young anaesthetists to learn to observe and learn best practices from a different healthcare system, to spur academic interest of the young Anaesthesiologists, to strengthen the residents-ACP engagement and attract the next generation of Anaesthesiologists to contribute to the ACP and lastly to foster collaboration between young anaesthetist and other Academic Medical Centres.



Next, the awardees of the Anaesthesiology ACP Pilot Research Grant shared their projects through their video presentation to the crowd.





Prof. Soh handed out awards for Best Abstract, Best Publication, and the Inspiring Teacher Awards. We wrapped up with a fantastic buffet lunch, creating an atmosphere for everyone to chat and connect.



### Inspiring Teacher Awards:

Dr Tan Kian Hian	SGH	All Star Award
Dr Jerry Lim Kian Teck	CGH	All Star Award
Dr Louis Ng Xiang Long	CGH	All Star Award
Dr Chan Keen Chong	SNEC	All Star Award
Dr Avinash Gobindram	CGH	Walking Miller's Award
APN Kee Hwei Min	KKH	Walking Miller's Award
A/Prof Ong Biauwei Chi	Singhealth	The When I Grow Up I Want To Be You Award
Dr Tracy Tan Yi Shuen	KKH	The Last Minute Exam Go To Award

### Best Publication Awards:

Dr Tan Chin Wen	Research	Best Publication	Association of pain, analgesic, psychological, and socioeconomic factors with sub-acute pain after childbirth: A prospective cohort study
Dr Zhang Qian Pian	Research	1 <sup>st</sup> Runner Up	Chronic headaches related to post-dural puncture headaches: a scoping review
Dr Paul Tan Hoe Sen	Research	2 <sup>nd</sup> Runner Up	Quality of Labor Analgesia with Dural Puncture Epidural versus Standard Epidural Technique in Obese Parturients: A Double-blind Randomized Controlled Study
Dr He Yingke	Clinical	Best Publication	Preparation and Consideration for establishment of an isolation maternity unit in a tertiary hospital during COVID-19 pandemic BMC Pregnancy and Childbirth





**Best Abstract Awards:**

Dr Leong Yun Hao	Research	Best Abstract	Factors Reducing Risk of Ventilator-Associated Pneumonia: An Analysis of the MIMIC-IV Database
Dr Angie Au Yong Phui Sze	Research	Best Abstract	Preoperative Anemia in Elderly Undergoing Major Abdominal Surgery (PANAMA) is Associated with Early Postoperative Morbidity: A Prospective Observational Study
Dr Ke Yuhe	Research	2 <sup>nd</sup> Runner Up	Pre-operative Shock index in major abdominal emergency surgery
Ms Lu Yang	Research	2 <sup>nd</sup> Runner Up	Investigating the correlation between obstetric-specific recovery tool (ObsQoR-10) and postpartum maternal outcomes: a cohort study
Dr Madeleine Cheng Chui Ru	Clinical Innovation/ QI	Best Abstract	Reducing Pre-operative Anxiety in Patients at Sengkang General Hospital's (SKH) Anaesthesia Pre-Evaluation Clinic (PEC).
Dr Taylor Lim Xin Yi	Clinical Innovation/ QI	1 <sup>st</sup> Runner Up	Assigning designated code blue responder and enhanced workflows reduce response time and improve patient safety in Sengkang General Hospital's Operating Theatre Complex
APN Chong Hui Ling Joanne	Clinical Innovation/ QI	2 <sup>nd</sup> Runner Up	Nursing Training and Implementation of IV Noradrenaline Infusion in Surgical High Dependency Unit
Dr Sandy Lim Zhi Ping	Education	Best Abstract	A blended learning programme in airway crisis management for anaesthesia nurses
Dr Ke Yuhe	Education	1 <sup>st</sup> Runner Up	Assessing the reliability and consistency of Chat GPT in Categorizing ASA Physical Status Classification





As Anaesthesiology ACP Academic Day 2023 ends, get ready for more exciting stuff in 2024! There's more to come, so stay tuned for new experiences, deep and exciting developments ahead!



Written by  
Terence Yong

[Back to Table of Contents](#)





The 2nd Med Tech workshop was held as a physical event on Saturday, 19 August 2023 at the newly opened Alice Lee Innovation Centre of Excellence or A.L.I.C.E for short. Organised with the SingHealth Medical Technology Office (MTO), the event sought to equip participants with the essential skills and elementary knowledge related to the process and elements involved in a Med Tech project.

Attended by Duke-NUS students and ANAES ACP Faculty members. Facilitated by Teaching assistants from NCCS for Presentations, Group Discussions and teaching sessions.



The event kicked off with a set of Innovation related lectures. Dr. Lye from Singhealth IP started things off with a video on 'Intellectual Property Considerations'. Then, Ms. Fiona Loke, our MTO director, led an engaging session on 'Regulatory Basics, Reimbursement, and Business Plan.' These talks were enlightening, giving our medical students must-know info and refreshing everyone else's knowledge.





Next up, we had a group discussion that got everyone involved. First, we got some tips on identifying needs and screening, and then we went into the group discussion, coming up with ideas and screening them. The MTO staff and the team of teaching assistants led these discussions, creating a lively and informative learning space for everyone involved.



Two discussion groups, each guided by Prof Sng Ban Leong and Dr. Shariq Ali Khan. These groups discussed about the needs found in their day to day medical field and how to cover those needs.



To wrap things up, both discussion groups presented their discoveries on the needs they identified and shared strategies to tackle these challenges. It was a great way to end the event!



As we wrap up this successful event in 2023, Anaesthesiology ACP looks forward to making this gathering a tradition within our ACP community. We're excited to keep the spirit of learning and collaboration alive for years to come!



Written by  
Terence Yong

[Back to Table of Contents](#)





# Anaesthesiology ACP Retreat 2023

The Anaesthesiology ACP Retreat 2023 was held at the Andas Hotel on Saturday 21 October. The event was attended by close to 70 people comprising ACP leaders, faculty and nurses.



In his opening address, Associate Professor, Soh Chair Rick, Academic Chair, ANAES ACP provided a recap of the ACP's achievements in 2022/23 and focus areas for 2024 and beyond.



Dr. Tan Kian Hian, Academic Vice-Chair (Strategic Initiatives) went on to elaborate on some of the ACP's focus areas in 2024.





After the tea-break, attendees joined their respective breakout groups. This year, there were three breakout groups, one for education, clinical quality & patient safety and research focusing on EPAs, EPIC & ACP wide QI projects and research collaboration in pain management respectively. Representatives from the various breakout groups took turns to present the findings from their discussions.



### Food, Food Glorious Food!

What would any retreat be without food? Participants were treated to a buffet lunch. What better way to fostering camaraderie and catch-up with colleagues and friends.



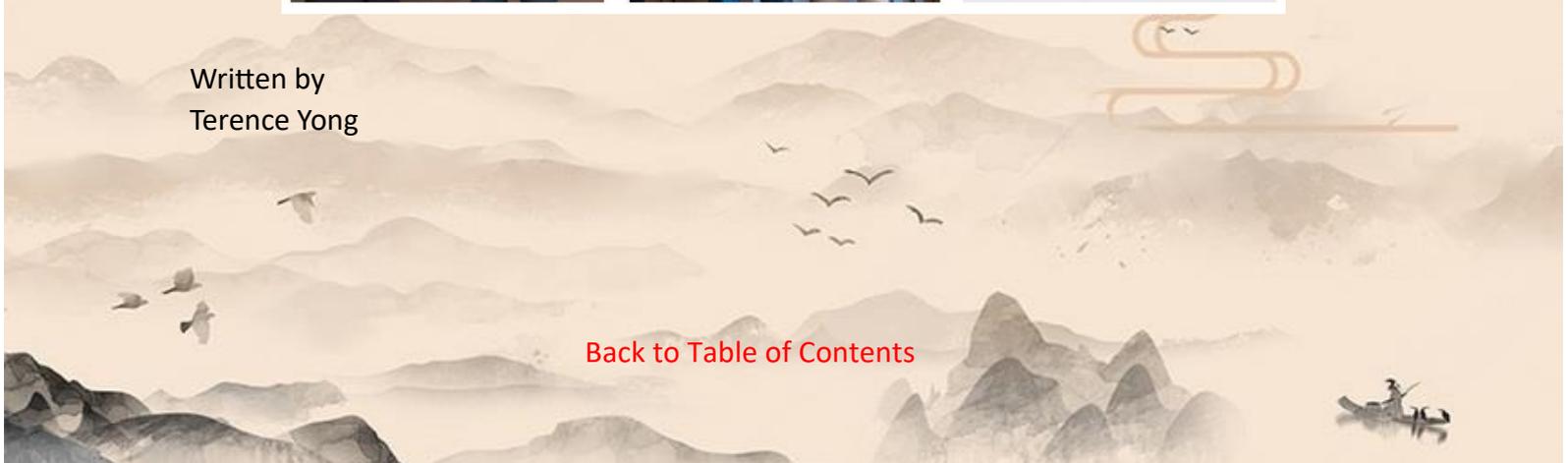
### Appreciation

Many Thanks to Dr Satish, Convenor, Retreat 2023, the ACP Admin Team, SHARP Team and our emcees Collin and Natasha.



Written by  
Terence Yong

[Back to Table of Contents](#)





# Duke-NUS Open House 2023

The annual Duke-NUS Research Open House was held on Thursday, 14 December 2023 at The Duke-NUS Medical School. Attended by close to 65 Year 2 Medical students, this event served as a platform for Year 2 students to engage with the faculty and mentors from the various ACPs.



ANAES ACP was one of the 13 ACPs present to engage the medical students. Many thanks to the Three Year 3 Medical Students; Azriel, Sheryl and Lu Yang who generously offered their time to help out at our booth - speaking with their juniors about their personal experiences and the various ANAES ACP research projects they could be involved in volunteered their time to assist the Anaesthesiology ACP.





The Anaesthesiology ACP booth quickly, drawing in students eager to explore the possibilities within the field. Professor Sng and the dedicated student volunteers engaged in lively conversations, addressing queries and satisfying the curiosity of the year 2 medical students. It was a dynamic exchange, showcasing the spirit of exploration and learning at Duke-NUS Open House.



A total of 11 students expressed their interest in helping out/being involved in our research projects showing keen interest in many projects such as Pain Management, OBGYN Anaesthesia, and Paediatric Anaesthesia. Looking ahead, we're optimistic that the Anaesthesiology ACP will continue to nurture budding researchers through various outreach and mentorship programmes such as this and looks forward to the next open house in 2024.



Written by  
Terence Yong

[Back to Table of Contents](#)



One day. One program.  
In +100 cities in all Continents Simultaneously.

Joining Hands for a Pain Free Future Worldwide

**1<sup>ST</sup> WORLD DAY  
OF REGIONAL ANAESTHESIA  
& PAIN MEDICINE**  
Saturday 27<sup>th</sup> January 2024

**PAJUNK**<sup>®</sup>  
Trust Tradition. Experience Innovation.

Your Local Face-to-Face Meeting

**WORLD DAY**

Written By

Dr Ethan Koh, Dr Singh Prit Anand and Dr Lim Yean Chin

Sigmund Freud – physician, psychoanalyst ... pain specialist? Who knew that the father of psychoanalysis was also the first person to utilize cocaine as a local anaesthetic in 1884? **That fact, and much more, was learned during the inaugural World Day of Regional Anaesthesia and Pain Medicine held at Changi General Hospital (CGH) and supported by the Department of Anaesthesia and Surgical Intensive Care on the Saturday, January 27 2024. The event had faculty from all the clusters (Singhealth, NHG, NUHS) across the island.**

The meeting, with a theme of “Joining Hands for a Pain Free Future Worldwide” was initiated by European Society of Regional Anaesthesia and Pain Therapy (ESRA), and Sister Societies AFSRA, ASRA Pain Medicine, AOSRA and LASRA. They had sent out messages from all the respective societies' presidents and some recorded webinars from eminent speakers. The local program was a day long mix of lectures, hands-on skills station on volunteers and an interactive quiz. We had delegates from various healthcare clusters ranging from MOs in Anaesthesia to specialists.

The day began with a talk by Dr Lim Yean Chin (CGH) on diaphragm-sparing blocks for shoulder surgery, with particular attention being given to suprascapular and costoclavicular blocks. Dr Wong Wan Yi (TTSH) followed with a lecture on erector spinae plane (ESP) blocks in spine surgery, before Dr Sanjay Bajaj (KTPH) gave a thorough rundown on the various chest wall blocks. Dr Timothy Lam (NUH) then gave a thoughtful speech on the role and perception of regional anaesthesia, prior to a talk on abdominal wall blocks. Dr Prit Singh (CGH) ended the morning series of lectures with a call for more Point of Care Ultrasound (POCUS) to aid in the assessment of airway and for aspiration risk.



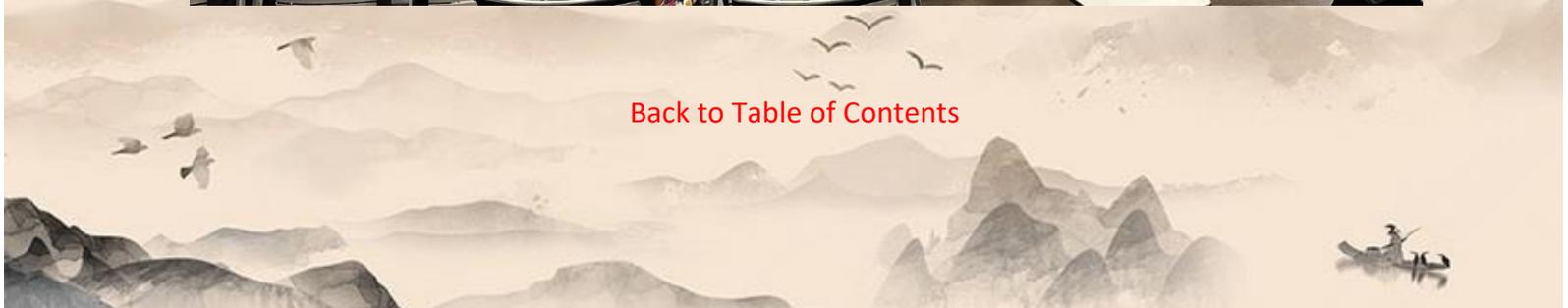
After a break with coffee and croissants, participants proceeded to practice their ultrasound skills at the various stations. There was an eager air in the event hall as participants keenly sought advice from instructors, before jabbing ultrasound probes onto the patient volunteers. An esoteric post-lunch quiz was valiantly attempted by the 35 participants for the prize of 3 free ESRA Prague 2024 tickets, before the day finished with 2 more stations and a closing session.

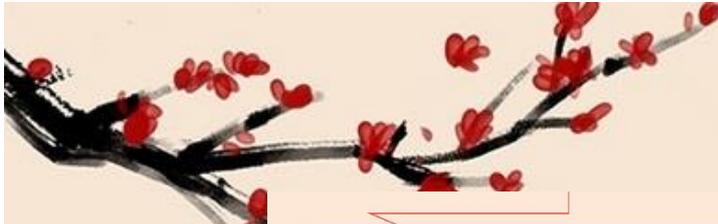


As the day closed and we went our separate ways, I felt privileged to have had the opportunity to learn with, and from, generous colleagues and friends. It was also enriching to meet colleagues from different clusters and exchange ideas on practices in regional anaesthesia. Through these meetings, we build bonds and join hands, helping each other along a path towards a pain free future worldwide.



[Back to Table of Contents](#)





## Congratulations To The Following Faculty Members

We hope for your continued success.



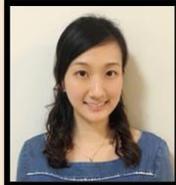
### Assoc Prof Hairil Rizal Abdullah

NMRC HPHSR Clinician Scientist Award-Investigator (HCSA-INV)  
Impact of Machine learning-based clinician decision support algorithms in Perioperative Care-a randomized control trial (IMAGINATIVE trial)



### Dr Roderica Ng

NMRC Research Training Fellowship



### Dr Ke Yuhe

NMRC Research Training Fellowship



TARGET  
**ZERO HARM**

## Singhealth Family Target Zero Harm Award

Winning Project For  
The Best Team Award:

**REDUCING TIME TAKEN TO START ENDOVASCULAR  
THROMBECTOMY FOR ACUTE STROKE PATIENTS**

**Congratulations to the Singapore General Hospital Team!**

Team members:

- Chew Jing Si
- Chia Ghim Song
- Liu Zhenghong
- Michael Maximo Ladera
- Pang Yee Hau
- Tan Il Fan
- Tay Mei Imm Fiona
- Teo Miqi Mavis
- Wong Chen Pong
- Wong Wang Hong Terence

[Back to Table of Contents](#)



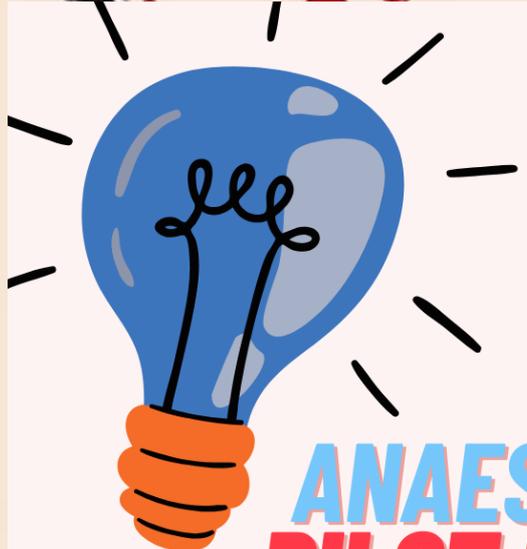


# Please mark your calendars and save the dates for these ANAES ACP Events

ANAES ACP Pilot Research Grant Call	01 March 2024 – 31 March 2024
ANAES ACP Philanthropy Grant Call	01 May 2024 – 31 May 2024
ANAES ACP Academic Day 2024	20 July 2024
ANAES ACP Retreat 2024	19 October 2024

[Back to Table of Contents](#)





SingHealth **DukeNUS**  
ACADEMIC MEDICAL CENTRE  
**ANAESTHESIOLOGY &  
PERIOPERATIVE SCIENCES**



# **ANAESTHESIOLOGY ACP PILOT RESEARCH GRANT 2024**

## *Grant Detail*

- UP TO \$10,000/PROJECT IN CLINICAL/ TRANSLATIONAL RESEARCH, HSR, MEDTECH, AND AI
- PROJECT DURATION: 1 YEAR (1 JUL 24 - 30 JUN 25)

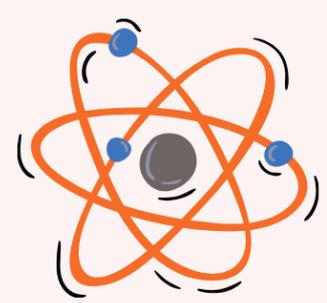
## *Eligibility*

- ASSOCIATE CONSULTANTS, SHARP RESIDENTS, REGISTRARS, RESIDENT PHYSICIANS, AND MEDICAL OFFICERS
- HAVE A MENTOR WHO MUST BE AN ANAES CONSULTANT AND ABOVE FROM THE SAME DEPARTMENT
- CURRENTLY WORKING IN AN ANAES ACP DEPARTMENT IN SGH, KKH, CGH OR SKH
- DO NOT HOLD ANY PREVIOUS OR EXISTING GRANT AMOUNTING OVER \$20,000
- EACH PI IS ALLOWED TO SUBMIT ONE PROPOSAL PER FUNDING CYCLE
- EACH PI IS ONLY ALLOWED TO HAVE UP TO 2 NON-CONCURRENT ANAES ACP PILOT RESEARCH GRANTS



## *Important Date*

- 31 MAR 2024, 5 PM: SUBMISSION DEADLINE



**HAVE ANY QUESTION? CONTACT US AT [ANAES\\_ACP@SINGHEALTH.COM.SG](mailto:ANAES_ACP@SINGHEALTH.COM.SG)**

