#### Report of 10th Webinar of ASPA FLEX series

**Topic:** Vascular access in Paediatric Anaesthesia

Date: April 25<sup>th</sup>, 2021 at 5pm (SGT), 9am(UCT)

### Moderators:

Dr. Norifumi Kuratani

Saitama Children's Medical Center

Saitama, Japan

Dr. Duenpen Horatanaruang

Queen Sirikit National Institute of Child Health Bangkok, Thailand

#### **Technical assistant:**

Dr. Teddy Fabila

KK Women's and Children's Hospital, Singapore

#### Program:

- 1. Dr. Dilip Chavan (India): "US guided and blind techniques: peripheral vascular access"
- 2. Dr. Jin-Tae Kim (South Korea): " Arterial catheterization in pediatric patients: How to improve your first attempt success rate?"
- 3. Dr. Tomohiro Yamamoto (Japan): Pediatric central venous catheter insertion: introduction of a real-time ultrasound-guided technique
- 4.Dr. Candice Lau (Hong Kong): "Preparation of massive transfusion in children."
- 5. Q and A session

#### **Overall impression**

The webinar was conducted smoothly without apparent technical difficulties. Because the topic of webinar seems to be matched the interest of the audience, the rating of the webinar was quite high. As some audience report sound problem, adding simultaneous captions may be considered for the future webinar. Subtitles may also help public audiences who have difficulties to understand fast-speaking English lecture.

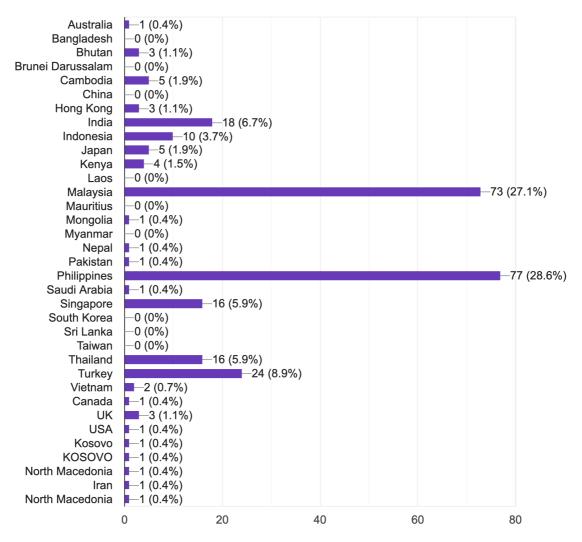
Details of webinar statistics and feedbacks will be followed in the next pages.

#### Norifumi Kuratani, MD, PhD, MPH

Anesthesiologist-in-Chief, Saitama Children's Medical Center Saitama, Japan e-mail: nori-kuratani@umin.ac.jp Registered no. 709 Unique viewers 430 Max concurrent users: 364 Survey respondents: 269

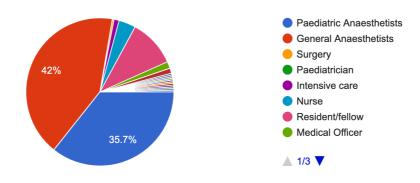
## Country

269 responses

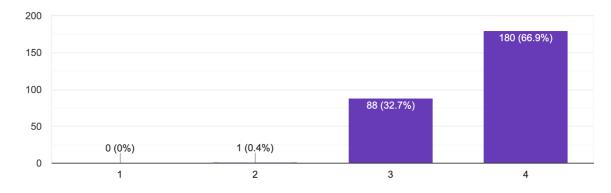


#### **Clinical/Profesional Specialty** 269 responses



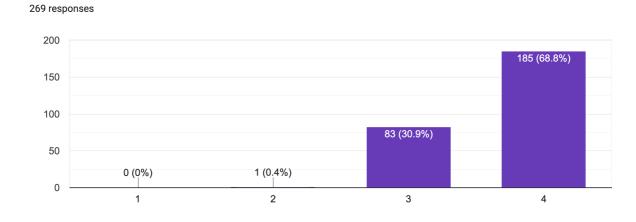


ASPA-FLEX Webinar delivered information I expected to receive . 269 responses



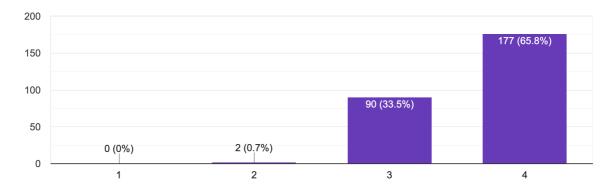
# 1: strongly disagree, 4: strongly agree

I gained new knowledge



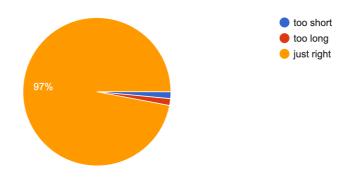
1: strongly disagree, 4: strongly agree

I plan to apply what I learnt from this webinar. 269 responses

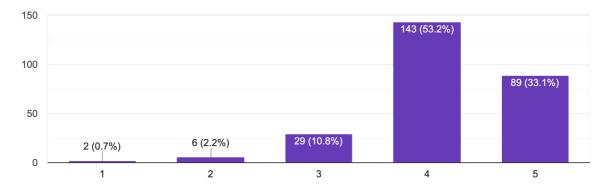


1: strongly disagree, 4: strongly agree

The duration of the webinar was: 269 responses

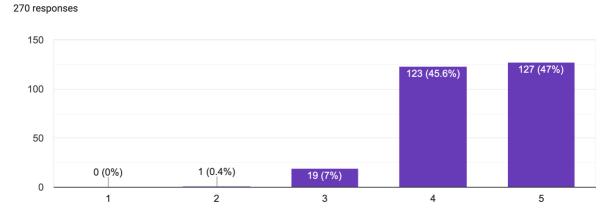


The talk by Dr. Dilip Chavan on "US guided and blind techniques: peripheral vascular access." <sup>269</sup> responses



1: Did not meet my expectations, 5: Greatly exceeded my expectations

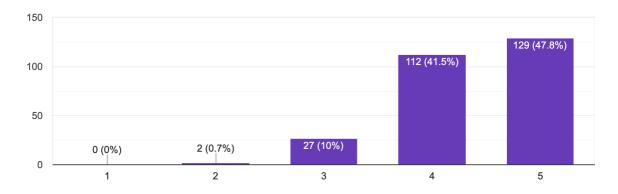
1: Did not meet my expectations, 5: Greatly exceeded my expectations



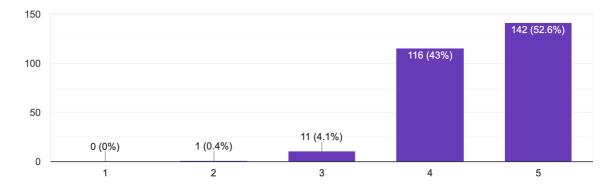
The talk by Dr. Jin-Tae Kim on " Arterial catheterization in paediatric patients: How to improve your first attempt success rate."

1: Did not meet my expectations, 5: Greatly exceeded my expectations

The talk by Dr. Tomohiro Yamamoto on "Paediatric central venous catheter insertion: introduction of a real-time ultrasound-guided technique." 270 responses



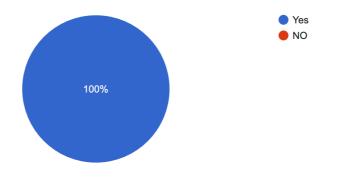
1: Did not meet my expectations, 5: Greatly exceeded my expectations



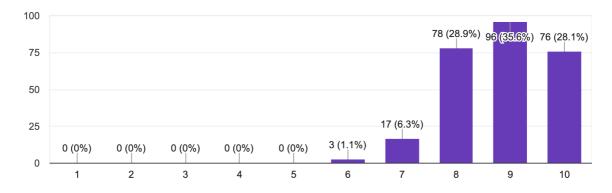
The talk by Dr. Candice Lau on "Preparation of massive transfusion in children." 270 responses

1: Did not meet my expectations, 5: Greatly exceeded my expectations

I would recommend this webinar series to fellow healthcare professionals. 270 responses



How would you rate today's webinar? 270 responses



1: Did not enjoyed, 10: Thoroughly enjoyed

What is the best part of the webinar?

Question and answer All the topics Videos Convenient Massive blood transfusion Picture usage with the topic Mtp All good Dr Kim's presentation IV line for baby Actual experience and technique from their own practice. polls Preparation of massive transfusions Arterial catheterization in paediatric patients: How to improve your first attempt success rate Concise and attractive Live Video Dr. Dilip Chavan on "US guided and blind techniques: peripheral vascular access. Brief and concise Topic that are delivered by the speaker None Dr.kim tar kim's usg guided video presentations and literature sharing especially Abdurrahman best alternative posterior tibial artery advice Massive transfusion The talk by Dr. Tomohiro Yamamoto on "Paediatric central venous catheter insertion: introduction of a real-time ultrasound-guided technique. Applicability Arterial catheterisation Nitroglycerin for radial artery cannulationp real time video showing procedure The Q@A part Slides The speakers The video on all hands on procedure The most helpful for me would be the lecture by Dr. Dilip Chavan and Dr. Candice Lau. Paediatric venous catheter insertion literature knowledge as well as personal experience Ultrasound guided iv access All the talks. Keeps to time. Ultrasound guided iv line insertion & cvl insertion guidelines All Very practical Weekend makes it easy to attend Arterial access

interesting topic Dr candice's part The MTP session Arterial catheterization Dr. Lau's lecture question and answer session Concise Perfect timing Everything was good Practical techniques been shown cvc ultrasound It tries to pass skills as close to physical participation Interesting topics Talks were short and to the point Informative videos Arterial line placement lecture Lecture nil Timely, precise, informative.. online discussing is really good Different topics related to pediatric anesthesia that are useful. The lecture part I personally interested in arterial catheterization and prepare for massive transfusion presentation. Intravenous catheter insertion techniques Practical tips. Trial attempt of arterial line with real time ultrasound guided Preparation of massive transfusion in children Arterial line insertion THE TOPIC Discussion MTP for children Q&A Session Everything Lecture Dr. Jin-Tae Kim on "Arterial catheterization in paediatric patients: How to improve your first attempt success rate." \* 4. Q and A The videos demonstrating the catheterization. Dr. Kim's presentation The topics are relevant to our daily clinical practice. Videos included in the lecture Expertise of speakers panel discussion all of the lectures were helpful in practice Video demonstrates Preparation of massive blood transfusion in children

The presentations and discussions of the speakers Q & A session A lot of new and useful information Lecturess The question and answer portion in the end where there was an exchange in opinions Central line insertion, Arterial line Focused on one topic and covered all aspects All lectures Topic itself A real-time ultrasound-guided technique Information and great speakers from different parts of the globe Prophylaxis for Prevention of Radial Artery Spasm How can we improve ASPA-FLEX webinar series?

nil N/A Clearer audio More webinars NA Na Its ok Video lecture as well and post op test so far, every topic was relevant and informative Add more demo With participants from different countries Better sound system More flexi hours More videos Introducing new topic Q&A This vasculer Access session is the best I think because of the real time question practices ,video examples Goody imagings(sucu as extravasation necrosis imaging,iv line choosings) and answer&question sessions Continue the same more advertisement Pls consider letting the speakers use microphone for better quality of sound. Improve the sound effect Q and A So far everything is good Nothing to improve on the organizasion you apply now is very good Better audio visual presentation Tough topics

Option to watch online later if not able to attend live Good audio None i can think of once a mth and just nice duration of time( like now) More frequent webinar Everything was okey include talks on paediactric cardiac anaesthesisa Should dwell in the practical aspect as much as possible Everything is good Keep up the good work just continue.. Not applicable More webinar More frequent Dont know Very good as is No comment, that's perfect I would like to see more blind technique in inserting central venous line None as of the moment BY ADVERTISING MORE Sharing new technic of anesthesia Maybe improve audio. Just right Do morning session Good enough choosing relevant topics I commend the organizer for this avenue for learning Can add some case series None as of now more webinar topic More and longer interactions No Actual patient demo if the conditions are better I think the speakers should be allowed to speak in their native language and an option of having it dubbed or translated would really be appreciated. More interesting topics More interactive ASPA-Flex webinar are getting better (from first webinar to last one) Beoad coverage on paeds anesthesia related issue Sound of Central line It is sometimes difficult to stay infant of computer during the session, so I appreciate if I can watch the lectures after the webinar time for a week or so. more time for the Q and A More demo videos Better sound Keep it up as it is

CAN WE HAVE REPLAY OR RECORDING OF THE WEBINAR? good enough It is fine as it is. extend the webinar duration Short quiz Sound quality One if the speaker voice was niy clear Improving arteri line insertion in one attenpt Clearer, bigger fonts for slides

What other topics would you like to be discussed in subsequent webinars? Laparoscopic surgery in pediatric patients Regional anesthesia nil Peads Gastroscopy and colonoscopy Neonatal surgery NA Pediatric Regional Anesthesia