

# Newsletter

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# Spring Dinner Highlights



The Spring Dinner 2024 was successfully held on 8 March 2024 to celebrate the arrival of spring and the resilience of our community. It was our first Spring Dinner after the long and challenging period of the COVID-19 pandemic. More than 80 members attended and had a memorable evening. The dinner began with a speech delivered by Ms. Tang Sze Kit, our President, in which she greeted and congratulated the remarkable achievements of our association and the nursing profession. The evening was filled with excitement, as table prizes & games, and a lucky draw added to the festive atmosphere. Special thanks to Ms. Winnie Lee, our founding president, for donating 5 red pockets for the lucky draw. Our profound gratitude to all the members, friends & guests came to the dinner.

Let's recap the joyous moments of the night.



Welcome back to our Spring dinner after COVID pandemic



Hope you all enjoyed this meaningful night!  
♥ See you next year! ♥

# Joint Annual Scientific Meeting 2023/24

## Challenges and Opportunities in the Post-COVID Era

Joint Annual Scientific Meeting (JASM) 2023/24 which organized by The Hong Kong Paediatric Society, Hong Kong Paediatric Nurses Association and Hong Kong College of Paediatric Nursing was held at Hong Kong Children's Hospital on 27<sup>th</sup> January 2024. The theme in this year is "Challenges and Opportunities in the Post-COVID Era". The event consists of oral free paper presentation sessions, keynote lectures and paediatric infectious disease forum.



**Keynote Lecture 1**  
**Are We producing.**  
**"fit for future nurses?"**  
**Prof WONG Yuen Ha, Janet**  
 Dean,  
 School of Nursing and Health Studies,  
 Hong Kong Metropolitan University



**Keynote Lecture 2**  
**Challenges and opportunities**  
**in the Post-COVID Era**  
**Dr CHOW Chun Bong, BBS, JP**  
 Hon. Clinical Professor,  
 Dept of Paediatrics and Adolescent Medicine,  
 the University of Hong Kong  
 Past President,  
 The Hong Kong Paediatric Society



**Infectious Disease Forum**  
**Meningococcal Infections**  
**in Children and Adolescents:**  
**Epidemiology and Prevention**  
**Dr KWAN Yat Wah, Mike**  
 Hon. Clinical Associate Professor,  
 Dept of Paediatrics and Adolescent Medicine,  
 the University of Hong Kong



**Infectious Disease Forum**  
**COVID: An update on**  
**Epidemiology and Prevention**  
**in Children**  
**Dr CHIU Cheung Shing, Daniel**  
 Past President,  
 The Hong Kong Paediatric Society



# Evidence Based Practice Project

## A Cross-Departmental Collaborative Quality Improvement Project in Reducing Perioperative Hypothermia for Infants Undergo Surgery

### Authors:

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(3) Department of Surgery, Queen Mary Hospital



### Introduction

Infants are at risk of hypothermia as they have a higher body surface to weight ratio, high transepidermal permeability and inadequate subcutaneous fat. Increased risk of hypothermia when infants undergo surgery in the operating theatre (OT) due to the cool environmental setting and the general anaesthesia procedure. Definition of hypothermia according to WHO, is axillary temperature  $<36.5^{\circ}\text{C}$ . In 2021, two ELBW infants' temperature had recorded significant hypothermia with axillary temperature  $< 35^{\circ}\text{C}$  upon arrival to NICU after operation and required medical interventions. These had brought the attention to the clinical team. A quality improvement project aimed at reducing hypothermia in infants throughout the process of pre-/ intra-/ post-operation and on arrival to NICU was conducted.

### Objectives

1. To implement improvement strategies to maintain the temperature within normal range in infants requiring operation through cross-departmental collaborative efforts.
2. To standardize the workflow for enhancing the thermoregulation of neonates in both NICU and OT.
3. To reduce the incidence of postoperative hypothermia in infants by 50% in 18 months

### Methodology

A Quasi-Experimental design study was conducted to evaluate the effectiveness of implementing the standardized workflow and checklist on reducing perioperative hypothermia. Retrospective chart reviews from electronic clinical information system in OT and NICU were performed during the pre-intervention review period (1/1/2019 till 8/11/2021) and post-intervention review period (16/11/2021 till 11/6/2023). The definition of hypothermia by WHO and post-operative axillary temperature were adopted. Multi-disciplinary team discussions were held to identify possible gaps leading to intra-operative hypothermia prior to interventions.

Interventions: Enhancement educational activity on neonatal thermoregulation was given. Development and implementation of nurse initiative thermoregulation standardized workflow and checklist in both NICU and OT were conducted. Pathway adjustment according to infants' body weight at OT was carried out after intermediate review (6/7/2022).

Outcome measurement: Demographics data was collected and recorded. Primary outcome was infant's post-operative axillary temperature within 30 minutes on arrival to NICU from OT. Secondary outcome included intraoperative temperature, relationship between patient or clinical characteristics and hypothermia. Data was input and analysed using IBM SPSS version 26. Descriptive analysis was performed, including means, standard deviations (SD) for continuous variables, and frequencies and percentage for categorical variables. Mean difference of the pre- and post-interventions temperatures between subjects and control were analysed with the unpaired samples t-test.

### Result and Outcome

81 episodes (pre-intervention) and 49 episodes (post-intervention) of neonatal surgeries were reviewed and analysed. Episodes of postoperative hypothermia were significantly decreased from 57% to 20% ( $p<0.0001$ ). And odd ratio is 5.1 (95% CI 2.3-11.7), whereas infant in pre-intervention period is 5.1 times the odds of suffered with postoperative hypothermia. Body weight at operation was break down into 4 groups for calculation. Intermediate review conducted at 6/7/2022, significant relationship shown between hypothermia and body weight at OT and/ or intra-operative blood transfusion. And there was 12/27 episodes (44%) of intraoperative hyperthermia captured during the intermediate period, discussion with OT nurse was held to share the findings and pathway adjustment was made. In the review held on 11/6/2023, there are no significant relationship between hypothermia and body weight at OT. Therefore, perioperative hypothermia could be significantly reduced by implementing the improvement strategies through multidisciplinary collaboration. Continuous review and pathway adjustment could maintain infants' normothermia among all infants with different body weight at OT.

# Our work in .....

**Yuen Ka Man**  
CMC  
IT Chair



## IT Committee

Our committee aims at provision of a IT platform for any enquiry, promotion activities, educational seminars and communication for all members. Please visit our website [www.hkpna.hk](http://www.hkpna.hk) or Facebook to check out the latest news and promotion activities.

**Yuen Ka Man**  
IT Chair 2022-2024

## Promotion Committee

We usually organize spring dinner and autumn trip every year. We hope our members have a relaxing & joyful evening fine dinner in Spring. And a leisure day trip to reenergize our inner self during daily busy work life in Autumn.

**Yu Yuen Ling**  
Promotion Chair 2022-2024

## Community Education Committee

HKPNA takes active part in our community work. Beside donation & charity work, our committee focus on educational role of primary health care & basic nursing care which incorporate in our organization's mission & vision. i.e. health talk to kindergarten, schools & NGO. This year, we are one of the supporting organization of 56<sup>th</sup> Hong Kong Healthy Children Competition.

**Kwok Chiu Yin**  
CEC Chair 2022-2024

**Kwok Chiu Yin**  
CMC  
CEC Chair



**Wu Qiwen**  
CMC  
CEC member



**Ho Kit Ha**  
AHNH  
CEC member



**Yuen Ka Man**  
CMC  
CEC member



**Canise Wong**  
QEH  
CEC member

**Wong Wing Sum**  
TWAH  
CEC member



**Lam Chi Fung**  
TMH  
Promotion member



**Yu Yuen Ling**  
TMH  
Promotion Chair



**Ho Cho Kiu**  
TMH  
Promotion member



**Fu Ah Lan**  
TMH  
Promotion member



**Karrin Siu**  
QMH  
Promotion member



# CNE Lectures & Promotion Activities

# AGM

ANNUAL GENERAL MEETING

Please Come & Join  
All are welcome

**Date: 3<sup>rd</sup> Aug 2024 (Saturday)**

**Venue: Lecture Theater, G/F, M Block, QEH**

## Submission to HKPNA Newsletter

The HKPNA Newsletter is published three times annually. Articles such as case studies, research findings, work reports, member's views and ideas are welcome. Each article is preferably no more than 250 words. Submit either hard or electronic copy of full text and photographs with subtitles. Author name(s) and contact details should be included. It is the author's responsibility to comply with patient privacy and data protection. Where necessary, informed consent should have been obtained before submission. The Editorial Committee reserves the right to select or reject the submitted article.

## Renewal & Application of Membership

RN and EN who have experience in paediatric care are welcome as members. Any nursing undergraduate and pupil nurse, of the universities and nursing schools, who has interest in paediatric nursing are also welcome.

Please complete the **Membership Application / Renewal Form** from HKPNA Hospital Coordinators, downloaded from web site [www.hkpna.com.hk](http://www.hkpna.com.hk) or scan the QR code. Kindly fill in your email address so that we can update any personal particulars using the same form.

## Member's Communication Channel

HKPNA treasures every idea and comment from members. Please forward your suggestions or input in writing to our email: [hkpna@ymail.com](mailto:hkpna@ymail.com)



Join HKPNA

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