

HK College of Paediatricians Forum

- 1. **Impact** of Hong Kong Children's Hospital (HKCH) on the future paediatric PCCM service and training
- 2. **Proposal** on PCCM **service model** and **training programme**

Hon KL

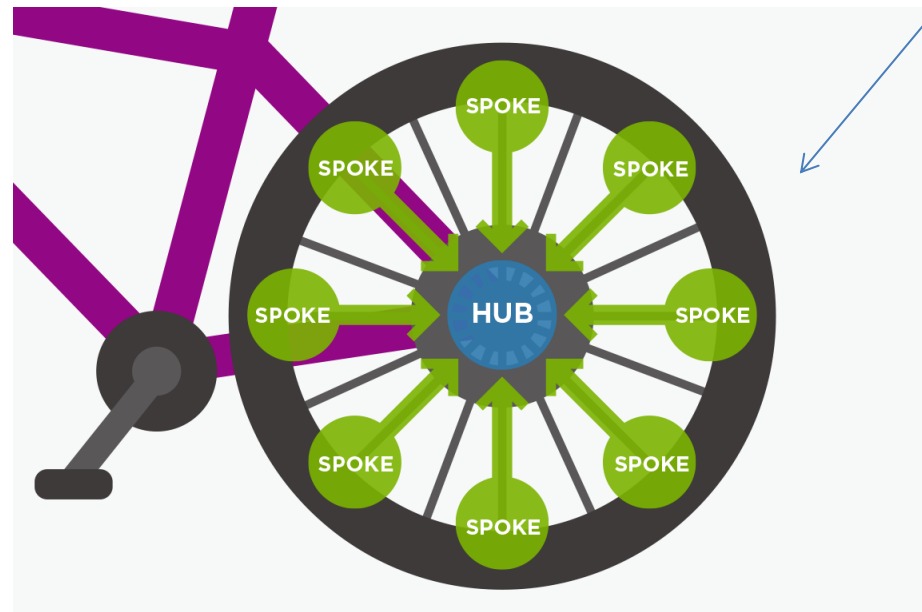


PICU – How can we **serve** you?

- **Hub-&-Spokes**

- Service + Research + Teaching

Idealistic vs realistic!



- Doctors vs Nurses (vs Others)
- Plans



Service area/ Sub-specialty Name:

- **PICU**

Membership:

- Prof Ellis HON, PWH Prof(PAED) – *HKCH Commissioning Service Coordinator*
- Dr L Y SO, PYNPAE COS
- Dr S W KU, PYNPAE AC
- Dr Adolphus CHAU, QMH CONS(DPC)
- Dr S R DAS, QMH CONS(DCA)
- Ms Melody WONG, QMH DOM(CTSD)
- Ms Audrey CHAN, QMH NC(PAED)
[retired – to be updated]
- Dr Winnie TSE, QEH COS(PAED)
- Ms Jayne LEE, QEH NS(PAED)
- Ms Y M YEUNG, QEH DOM(PAED)
- Dr Wa Keung CHIU, UCHC Deputy COS(P&AM)
- Ms P K MA, UCHN DOM(P&AM)
- Dr Daniel NG, KWH COS(PAD)
- Dr N C FONG, PMH CON(Paed&AM)
- Ms Tany KWONG, PMH DOM(Paed&AM)
- Dr Kam Lau CHEUNG, PWHPAED Cons(PAED)
- Ms Gladys Yin Ha HA, PWHPAED NS(PAED)
- Ms Suk Yin LEE, NTEC NC(Neonatal Care)/PWHPAED NC(PAED)/(Neonatal Care)
- Dr S Y LAM, TMH/POH Deputy COS (PAED&AM)
- Dr Y S LUI, TMH Asso Cons(PAED&AM)
- Ms Y KWEE, TMH NS(PAED&AM)
- **Y K NG, QMH CON (PAED)**

Deliberation Process:

Prior discussion in Meetings	Date	Outcome
<ul style="list-style-type: none"> • CWG 2015 • Informal meetings among PICU colleagues 	<p>2015 Dec 2015 May2016</p>	

Existing service within HA (2015)

Hospital	Bed no.
• PYNEH	• 3
• QMH	• 8 (+ 2 HDU)
• QEH	• 9 (6 PICU + 3 HDU)
• UCH	• 3 (+ 4 HDU)
• KWH	• 5
• PMH	• 8 (existing 7)
• PWH	• 5 (+ 3 HDU)
• TMH	• 5
• QMH Cardiac	• 7 (+4 HDU)

Official PICU bed no. 53

Report on PICU doctors manpower survey (2014)



- Existing trained PICU doctors
 - PICU trained: 18, With other subspecialties interest: 11
 - HKCH interest, full time: 3, Part time: 6 (2), not decided: 3, NO: 6
 - Retirement in next 3 yrs: (2)
- PICU trainees
 - 2015 cooperate scholarship: 2 (PMH: 1, PWH:1)
 - Others with interest: 5 (PMH:1, PWH: 1, QEH: 1, TMH: 2)
- Training arrangement for local & overseas
 - Overseas training : 12 to 18 months application time
 - Local training centres : PWH, QEH, QMH (General & Cardiac)

Bed Opening Plan in HKCH's PICU in 2018

Planned Physical Capacity in HKCH	Proposed No. of PICU/HDU Beds to be Opened in HKCH in 2018	No. of PICU/HDU Beds to be Translocated to HKCH in 2018	Justification of the Bed Opening Plan
18 PICU beds 10 HDU beds	12 PICU beds 6 HDU beds	7 Cardiac PICU beds + 4 HDU beds in QMH 6 PICU beds in QEH <i>(To be reviewed)</i> MCC= KCC, COC and PCC, etc to update us	In accordance with CWG discussion in past 2+ years

Service areas requiring collaboration and planning with other sub-specialties



Bed Requirement for PICU, HKCH

- Initial plan mainly cover
 - Paediatric cardiology service
 - **Oncology** and transplant
 - High risk paediatric surgery (not neonate)?
 - Paediatric **nephrology**
 - ~~Others~~
 - Beds relocation
 - Paediatric cardiology (QMH: PICU – 7, HDU – 4)
 - ~~? Others~~
- Phase 1 proposal
 - 12 PICU + 6 HDU only
- ~~Additional bed needed due to relocation of QEH~~
 - ~~(Bedstat = 9, existing PICU = 6, HDU = 3)~~
- ~~How many should be NEW beds ???~~

PICU manpower **needed** in Children Hospital

First phase in 2018

- 12 PICU and 6 HDU beds needed (do not include provision QEH relocation)
- Staff mixed for first phase : 15

~~— Director : 4~~

~~— Consultant : 3~~

– Associate Consultant : 3

– Specialist Resident : 5

– Trainee : 3

?20

- 12 trained PICU staff is needed by 2018
- Only 3 full time staff committed so far
- Operational logistic for part-time staff (difficult)
- Up to 2015 – 2 overseas PICU trainees, 7 trained PICU doctors needed next 3 years
- Demand for PICU doctors in other clusters, staff resignation and retirement
- Establishment of a central PNICU Transport service (extra manpower)
- Need to recruit another 8-10 new staff for training from 2016-2018
- Additional resource for current trained PICU senior staff to be more acquainted with cardiac intensive care for a short elective local or overseas

Need ≠ given

2 trained PICU staff already resigned

Training

- Making reference to overseas training programs (US, UK, Australia)
- Local modification : No consensus, HKSPRA-PCCM chapter
- Local adaptation with incorporation of HK Children Hospital
- Currently, most colleagues look after 2 subspecialties
 - » Up to 12 months of overseas exposure
 - » No postgrad qualifications in PCCM except (FANZCA, FJFICM, FCICM, FCCM)
- Urgent need for local key players to convene to discuss about this

Elaborations

- **Entry requirement:**
 - » After fellow in paediatrics
- **Total duration of subspecialty training: 3 years**
 - » One year can be overlapping with high training if PCCM training requirement is satisfied
 - » Core training: 2 to 2.5 year (One year can be overlapping with high training if PCCM training requirement is satisfied, cardiac ICU)
 - » Non-core training: 0.5 to 1 year (research/overseas/NICU/emergency medicine/trauma/transport/toxicology/anesthesiology, AICU, other subspecialty; max 6 months each activity)

Elaborations (2)

- Core training:
 - » more than one center
 - » \geq two years in accredited tertiary centers (HKCH + trauma + others)
 - » \geq 3 months in any one peripheral center

Elaborations (3)

- Non-core training modules /choices:
- Overseas attachment: can be up to one year with prior approval
- Training projects: at least one during training leading to Medline publication
- Transport (inter-hospital)
- Training sites: level 3 PICU