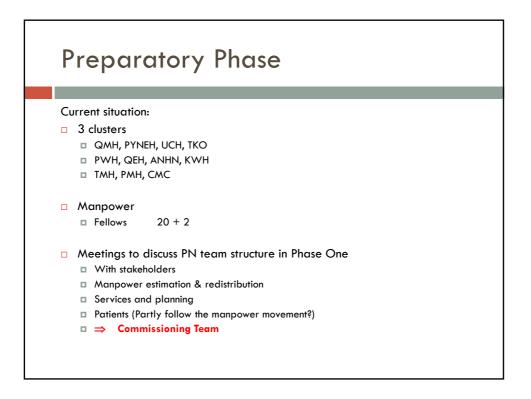
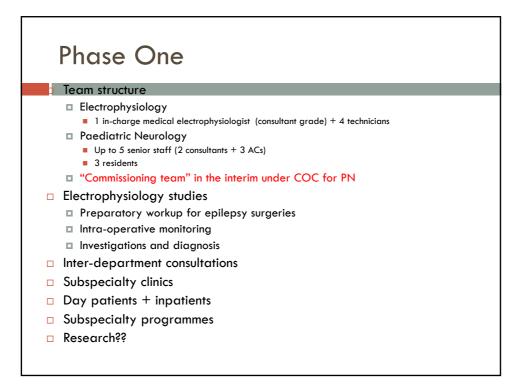
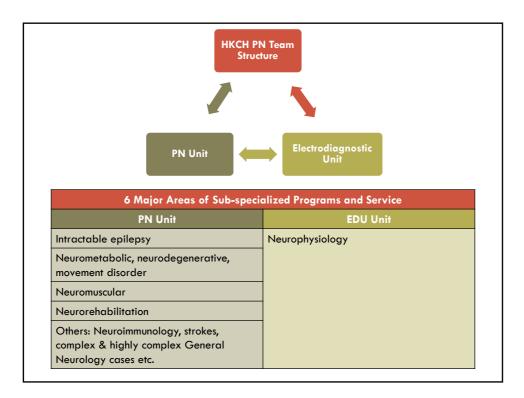


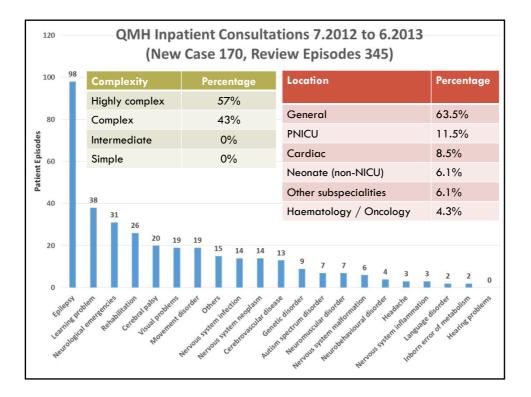
- Complicated neurological cases requiring multidisciplinary diagnosis and treatment, e.g. epilepsy surgery, VNS, rhizotomy, deep brain stimulation, cochlear implant
- Diagnosis and management of all neurometabolic patients, complicated neurogenetic conditions / movement disorders
- Tertiary management of cerebral palsied children
- Neuromuscular program plus acute rehabilitation

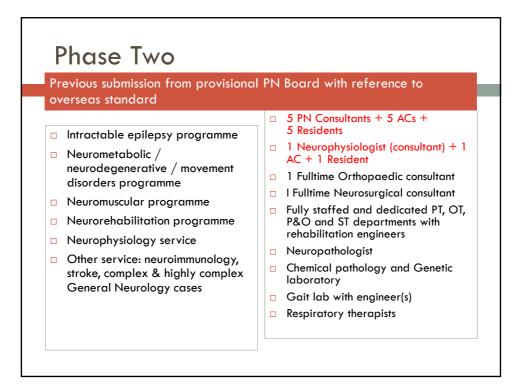






Phase 1 (Commissioning team, under COC for PN)	onths (Full team)
Service provi	sion (Phase 1)
In-patient	Out-patient
Interdepartmental consultations	Relocation of old cases from regional hospitals to HKCH covering 6 major areas of sub-specialized programs and service
Neurophysiological studies (e.g. EEG, EMG, NCV)	Neurophysiological studies (e.g. EEG, EMG, NCV)
Short-term diagnostic workup of patients (e.g. pre-epilepsy surgery) including day patients	New case consultations (complex & highly complex neurological cases)
Neurosurgical procedures including epilepsy surgery	Research



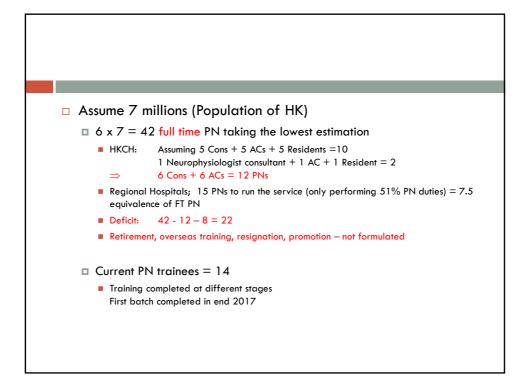


Phase 1 (Commissioning team, under COC for PN)	Phase 2 (Full team)		
Service prov	vision (Phase 2)		
In-patient	Out-patient		
Interdepartmental consultations	Covering 6 major areas of sub-specialized programs and service		
Acute short-term management of patients within 6 major areas			
Neurophysiological studies (e.g. EEG, EMG, NCV)	Neurophysiological studies (e.g. EEG, EMG, NCV)		
Short-term diagnostic workup of patients including day patients	New case consultations (complex & highly complex neurological cases)		
Research including clinical trials	Research including clinical trials		

unde	r COC for PN)		- 24 months		ull team)	
		Phase 1			Phase 2	
	Consultant	Associate consultant	Resident specialist / trainee	Consultant	Associate consultant	Resident specialist trainee
PN	2	3	3	5	5	5
EDU	1			1	1	1
Total	3	3	3	6	6	6

Number of full-time paediatric specialists	GOSH United Kingdom	CHB United States of America	HSC Tonroto Canada	RCH Melbourne Australia
Neurology (PN)	19	45	18.5	11
Neurorehabilitation (NH)	(including 2 from Neurology)	(included in Neurology)	2	3
Neurophysiology (NP)	4 (+2 from Neurology)	(included in Neurology)	(included in Neurology)	(included in Neurology)
Total (PN+NH+NP)	23	45	20.5	14
Total population	62,435,709	312,474,000	34,623,000	22,739,758
Number of children's hospitals serving total population	22	158	16	9
Average population served by hospital	2,837,987	1,977,684	2,163,938	2,526,640
Number of specialists (PN+NH+NP) per million population	8	22	9	6

HA Hospital Clusters	Part Time
New Territories West Cluster (TMH)	2
New Territories East Cluster (AHNH, PWH)	3
Kowloon West Cluster (CMC, PMH)	3
Kowloon East Cluster (UCH, TKO)	2
Kowloon Central Cluster (QEH, KWH)	2
Hong Kong West Cluster (QMH, DKCH)	2
Hong Kong East Cluster (PYNEH)	1
Total	15 (7.5 FTE)



Wish list for CEP

- Experienced and enthusiastic orthopaedic surgeons and neurosurgeons
- Gait lab with biomedical engineers
- Rehabilitation engineers
- Full paraclinical staff (especially speech therapists, P&O support)
- Advanced neurometabolic and genetic laboratory service with potential to expand
- Respiratory therapists
- Neurologist and neurophysiologist experienced in epilepsy localization, intracranial monitoring, brain mapping and diagnosis of neuromuscular diseases
- Neuropsychologist experienced in working with children
- Neuro-ophthalmologist
- $\hfill\square$ High powered MR machine (3T) with experienced and dedicated paediatric neuroradiologists
- Magnetoencephalography
- Support for orphan diseases (pharmacy, dietetics, laboratory support)
- And more

Training Model Current training model 3 years with 1 year overlap with higher training Modules: Peadiatric Neurology (27 m) Neurodevelopmental (3 m) Neurorehabilitation (3 m) Adult Neurology (3 m) Exit assessment Future training model 1 year; overlap with higher training 2 years; cluster hospitals / HKCH

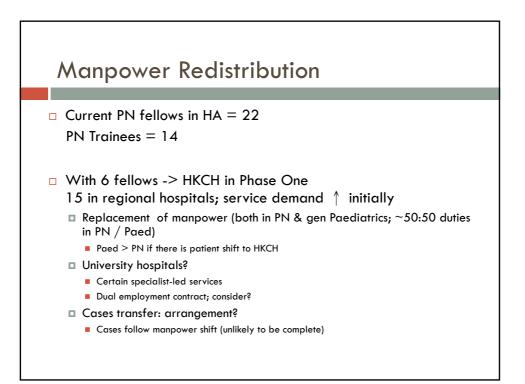
Training Model

Resident Post: 6 - 8

- Phase one
 - Rotations (HKCH needs to fulfill status of training center)
- Phase two
 - 3-4 training post in PN
 - 3-4 rotations (for paediatric trainees)
 - Proportions can shift depending on manpower need

Research

- To innovate and to lead
- Research post with reduced clinical duties
- Protected time





- $\ \ \, \square \ \ \, \mathsf{HKCH} \Leftrightarrow \mathsf{University} \ \mathsf{hospitals} \Leftrightarrow \mathsf{Cluster} \ \mathsf{centers}$
 - University participation in HKCH; post with dual employment contract; duty proportioning issue?
 - Availability of expertise
 - Considering > 1 center for some subspecialty clinical areas
 - Cluster based in provision

