



Service area/ Sub-specialty Name:

- **Paediatric Gastroenterology & Hepatology Disease Service**

Membership:

- Dr David LAU, TKOH COS(PAED)
- Dr Kong TSE, TMH CON(PAED&AM)
- Dr Rosanna WONG, QMH Asso CONS(PAE)
- Dr C H NG, QEH Asso CON(PAED)
- Dr Eligina POON, UCHC AC(P&AM)
- Dr Jenny K M CHEUNG, CMC ACON(PED)
- Dr M C CHAN, KWH ACON(PAD)
- Dr C M CHOW, PWH AC(PAED)
- Dr K W NG, PYNEH Resident(PAED)
- Dr W L YIU, PMH AC(Paed&AM)

Deliberation Process:

Prior discussion in Meetings	Date	Outcome
• Clinical Work Group Representatives Meeting	<i>Pending arrangement</i>	TBC
• Clinical Management Committee (CMC)	<i>Pending arrangement</i>	TBC
• Work Group on Manpower & Training	<i>Pending arrangement</i>	TBC
• Planning & Commissioning Committee (PCC)	<i>Pending arrangement</i>	TBC

Existing service arrangement

Individual hospital providing:

- In-patient care for patients with gut failure, TPN support and complicated inflammatory bowel disease/ other complicated GI problems

- Out-patient paediatric GI clinics

- Paediatric GI procedures:

 - upper endoscopy

 - colonoscopy

 - esophageal pH monitoring

 - +/- motility study

- Nutritional team (PWH, QEH, QMH,...)

Virtual Paediatric GI Networking service

Existing manpower and service throughputs

<p>Existing manpower</p>	<p>Consultants – 2 AC – 7 RS - 4</p>
<p>Existing caseload</p>	<p>In-patient care In-patient consultations Out-patients Endoscopies Other procedures</p>

Proposed service arrangement in the context of HKCH development

Hospital	Role	Scope of Services
HKCH	<ul style="list-style-type: none"> • Clinical leadership in paediatric gastroenterology, hepatology and nutrition • Setting up and maintaining a subspecialty training programme for Paediatric GI • Common GI disease management guidelines • Joint / outreach GI clinics • Formulate referral pathway • Education & training programs • Audit meetings • Clinical governance activities • Research activities 	<ul style="list-style-type: none"> • Tertiary Paediatric GI/ Hepatology and nutrition problem • (lists to be define) • Complex or uncommonly performed GI procedures • Colonoscopy • Endoscopy under GA • Therapeutic endoscope • Capsule endoscopy • Double balloon small bowel enteroscopy • MR enterography • Esophagel ph/ impedance study • High resolution esophageal pH study • Breath tests: Urea, Hydrogen • PEG • Fecal Calprotectin
Regional hospitals	<ul style="list-style-type: none"> • Management of primary or secondary Paed GI problem • (subjected to available expertise) • Management of step down Paed GI cases from children hospital 	<ul style="list-style-type: none"> • Primary GI diseases (lists to be defined) • Secondary GI diseases In QMH, taking care of patients with liver failure with peri-liver transplant service

Phased implementation plan before full-team establishment in HKCH

- GI consultations and GI procedures in HKCH with day beds

Service areas requiring collaboration and planning with other sub/-specialties

- Paediatric surgical team: endoscopy, nutritional care
- Neurology team: feeding care, nutritional care
- Oncology team: nutritional care, GVHD, gut failure, veno-occlusive disease
- Metabolic team: metabolic liver diseases
- Neonatal team: TPN, cholestasis, high output ileostomy

Manpower Planning

	Manpower requirement for HKCH	
	Interim arrangement	Full-team establishment
CON	1.5	3
AC	2	4
RS/RT	1	2
TOTAL	4.5	9

Justifications for Manpower Requirement

Full team will look after all paediatric gastroenterology, hepatology and nutrition patients in HKCH and regional hospitals, including GI beds in HKCH. This include the GI manpower in the regional hospitals. Education, training, research, protocol and guideline writing and administrative work are included.

Interim team looks after patients in HKCH, including consultations and GI procedures in HKCH, including day beds in HKCH.

	IBD	OGD - paed	OGD - adult	OGD - Paed surgeon	Colonosco py - Paed	Colonosco py - adult	Colonosco py - Paed surgeon	Gut Failure	ALF	Chronic liver disease
QMH	29	20	76 (combined)		4	40 (combined)		13	6	20
PYNEH	3	11	5	---	3	2	---	0	1	5
PMH	?	?	?	---	?	?	---	?	?	?
CMC	0	?	?	---	?	?	---	?	0	?
QEH	12	35	1	23	7	0	2	6	5	10
KWH	8	20	0	---	8	2	---	0	0	20
UCH	4	?	?	?	?	?	?	2	1	0
TKOH	12	8	21	---	0	4	---	0	0	0
TMH	5	26	84	---	0	11	---	0	2	20
AHNH	---	---	---	---	---	---	---	---	---	---
PWH	27	24	4	76	9	0	19	3	4	25
Total	100	144	290		31	80		24	19	100