

THE HONG KONG COLLEGE OF PAEDIATRICIANS
(Incorporated in Hong Kong with Limited Liabilities)
Task Force for Higher Training of Paediatric Subspecialty

Application for the Accreditation of the Subspecialty of Developmental Behavioural Paediatrics.

1. Declaration :

1. 1.1 We, the undersigned, would like to apply for accreditation of the subspecialty of Developmental Behavioural Paediatrics, this being a new and different from existing subspecialties.

2. 1.2 We submit that the subspecialty is needed in Hong Kong.

Proposed manpower estimates:

- (i) 18-20 Fellows could be qualified as First Fellow
- (ii) About 25 Subspecialists existed
- (iii) About 15 Subspecialists working solely or the majority of time in DBP Subspecialty.
- (iv) About 50 Subspecialists projected as required locally in the next 10 years.

1.3 This subspecialty also exists in other countries such as USA and Canada.

- (i) USA : About 1 DBP subspecialist to 40,000 children population in the highest subspecialist:child ratio States.
- (ii) Canada : About 1 DBP subspecialist to 38,000 children population in the highest subspecialist:child ratio Province.

2. Justification for establishment of subspecialty:

We have also submitted a descriptive narrative, stating that our subspecialty satisfies all the Criteria laid down by the Academy of Medicine for the recognition of a Subspecialty (Appendix I)

- (i) the subspecialty is needed in Hong Kong
- (ii) the subspecialty is new and different from existing subspecialties
- (iii) the knowledge, skills and practice required by that subspecialty are identifiably distinct and are deemed appropriate and compatible with the practice of paediatrics
- (iv) the subspecialty exists in other countries
- (v) the subspecialty is recognized at the institutional level; with the appointment of academic staff for that subspecialty at the Associate Professor level in a university in Hong Kong or the appointment of a Consultant for that subspecialty in one of the Hospital Authority Hospitals or the Department of Health
- (vi) the subspecialty has the administrative support of one or more constituent Colleges of the Academy.

Please also include justification for the subspecialty to be recognized and that the subspecialty has enough members, activities, a training programme ready for accreditation and unanimous agreement of the programme by all Fellows interested in the subspecialty.

3. Proposed training programme :

3.1 We propose the training programme would be 3 years with at least 30 months of full clinical activities, together with research, teaching and administration training requirements.

3.2 3 proposed training programmes within the territory of HK would be adequate at any one time.

3.3 We provide local statistics for our subspecialty :

a. Estimated patient load in Hong Kong:

i. Inpatients – new cases/month:

- ☐ <5
- ☐ 6-10
- ☒ 10-15
- ☐ 16-20
- ☐ 21-25
- ☐ 26-30
- ☐ >30

ii. Outpatient attendance – new cases/month

- ☐ <5
- ☐ 6-10
- ☐ 10-15
- ☐ 16-20
- ☐ 21-25
- ☐ 26-30
- ☒ >30

iii. Outpatient attendance – old cases/month

- ☐ < 20
- ☐ 21-40
- ☐ 41-60
- ☐ 61-80
- ☐ 81-100
- ☒ >100

iv. Estimated number of cases in general population:

180,000 cases

Estimated number of cases seeking specialist care

120,000 cases

b. Local facilities:

i. Designated inpatient bed numbers 270
(including hospital admission for investigation of developmental disability, acute and subacute care for acquired conditions, and longer stay for those with severe/chronic disabilities)

ii. Designated outpatient attendance per year
8,000 new cases appointments
30,000 review case appointments

iii. Details of facilities relevant to the subspecialty – See pages 24-27 of the attachment, including Appendix 13.

c. Resources

The development of this subspecialty requires extra resources

☒ Yes ☐ No

If yes the extra resources include:

1. Manpower

☒ Yes ☐ No

2. Equipment

☒ Yes ☐ No

3. Space for use by subspecialty

i) Bed space

☒ Yes ☐ No

ii) Laboratory space

☒ Yes ☐ No

iii) Rehabilitation space

☒ Yes ☐ No

d. Manpower

i)	Number of subspecialists needed in Hong Kong today	38
ii)	Number of subspecialists needed in Hong Kong in 10 years	50
iii)	Number of peer-recognized subspecialists currently practicing in Hong Kong:	25
(iv)	Number of peer-recognized subspecialists currently working solely or the majority of time in DBP	15
v)	Number of paediatricians partially practicing this subspecialty	100
iv)	Number of trainees that need to be trained to meet the current need	$38-15=23$
v)	Number of qualified trainers currently available	$10-15$
vi)	Number of trainees that can be accommodated with the existing provision of manpower and facilities	$5-7$
vii)	Number of trainees currently under training in this subspecialty	$6-8$

Consultation / source for local manpower statistics:

Department of Health

Hospital Authority Departments of Paediatrics

Paediatricians practicing DBP in private sector

Paediatricians with DBP subspecialty training and experience who are currently not in DBP practice

3.4 Career structure

Based on the analysis of the above information, we deduce the following:

1. Number of fully-trained subspecialists in DBP required for whole of Hong Kong	38 currently 50 in ten years
2. Number of subspecialists trainees required to be trained after their FHKAM (Paediatrics) Fellowship Exit Examination in order to maintain a steady state in the next 10 years, taking into account of retirement and projection of needs in the next 10 years, etc.	23 currently 42 in ten years
3. Number of fellows (FHKAM Paediatrics) required to be working with the subspecialists to reach a desirable level of service and training for the whole of Hong Kong.	42
4. Number of trainees (pre-fellows) required to be working in the subspecialty to reach a desirable level of service and training for the whole of Hong Kong.	60
5. Number of clustered network required for this subspecialty in the whole of Hong Kong.	2 – 3

3.5 We also submit additional information on the justification of establishment of our subspecialty, with reference to :

3.51 Curriculum: (also see attached proposal)

a) Duration of subspecialty training

- ☐ 2 years post-higher training in general paediatrics
- ☒ 3 years (incorporating 1 year of training in that particular subspecialty during the higher training in general paediatrics and 2 years of extra subspecialty training)

- b) Maximum duration (**6 months**) of recognition for specified qualification or training within the subspecialty training programme

		Yes	No
i)	Ph.D	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii)	N.Phil.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iii)	N.Med.Sc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv)	Others	<input type="checkbox"/>	<input type="checkbox"/>

Please specify

Exceptionally, programmes may be approved as part of subspecialty training experience and taken during the three years.

- c) Clinical experience

- i) Minimum

- ☐ 24 months
☒ 30 months
☐ 36 months

- ii) Maximum

- ☐ 24 months
☐ 30 months
☒ 36 months

- iii) Minimum number of new out-patient consultation in that subspecialty during the whole period of subspecialty training

- ☐ 50-100
☐ 100-150
☐ 150-200
☒ 200-300
☐ Others

- iv) Minimum number of old out-patient consultation in that subspecialty during the whole period of subspecialty training

- ☒ 300-400
☐ 400-500
☐ 500-600
☐ 600-700
☐ 700-800
☐ Others

- v) Minimum number of subspecialty clinics per week

- ☐ 2
☐ 3
☒ 4
☐ 6

vi) Necessity of log sheet or log book

☒ Yes ☐ No

vii) Availability of checklist for minimum number of special procedures for that subspecialty

☒ Yes* ☐ No

* This includes a large range of assessment and treatment tools and clinical procedures.

d) Research activities required

☒ Yes ☐ No

If yes,

(i) Clinical research programme

☒ Yes ☐ No

(ii) Basic research programme (eg. Laboratory experience)

☐ Yes ☒ No

If yes, please specify minimum duration

☐ 6 months

☐ 12 months

Please also specify maximum duration allowed

☐ 6 months

☐ 12 months

e) Teaching required

☒ Yes ☐ No

If yes, please specify minimum percentage of time

☒ 5%

☐ 10%

☐ 15%

☐ Others

Please specify _____

Please also specify maximum percentage allowed

☒ 10%

☐ 15%

☐ 20%

☐ Others

Please specify _____

i) Undergraduate

☒ Yes ☐ No

ii) Postgraduate

☒ Yes ☐ No

- f) Administration within subspecialty (eg medical audit, involvement of service development, co-ordination & administration within subspecialty)

☒ Yes ☐ No

If yes, please specify minimum percentage of time

- ☒ 5%
☐ 10%
☐ 15%
☐ Others

Please specify _____

Please also specify maximum percentage allowed

- ☒ 10%
☐ 15%
☐ 20%
☐ Others

Please specify _____

- g) Subspecialty training is done in

- ☒ two centers highly recommended
☐ more than two centers

- h) Overseas training required

☐ Yes ☐ No highly recommended

If yes, what is the minimum duration?

- ☐ 3 mths
☐ 4-6 mths
☐ 12 mths
☒ Others (1 to 6 months)

If yes, please also describe

- (i) setting Outside of HK & Mainland of China
(ii) objectives To acquire knowledge, expertise from established overseas DBP programs, and take reference from their training and service models.

- i) Pre-set curriculum for their elective period

☒ Yes ☐ No

3.52 *Assessment of training :*

a) Portfolio assessment

☒ Yes ☐ No

If yes, please describe

- | | | |
|---|---|--|
| (i) Oral | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| (ii) Written | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| (iii) Course work | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| (iv) Postgraduate Degree or Certificate | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| (v) Published papers (research paper) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

☒ Paper submission required

3.6 Institution/Functional Training Unit

3.61 *Please describe the statistics for EACH Programme:*

		Comments																		
1. Case load per year	(new) 8000 (old) 30000																			
2. Case profile	<table border="1"> <tbody> <tr> <td>* Highly Complex</td> <td>30 %</td> </tr> <tr> <td>* Complex</td> <td>30 %</td> </tr> <tr> <td>* Intermediate</td> <td>20 %</td> </tr> <tr> <td>* Simple</td> <td>20 %</td> </tr> </tbody> </table>	* Highly Complex	30 %	* Complex	30 %	* Intermediate	20 %	* Simple	20 %											
* Highly Complex	30 %																			
* Complex	30 %																			
* Intermediate	20 %																			
* Simple	20 %																			
a) No. of specialists working in the programme	About 5																			
b) _____ % of time working in the subspecialty	60%-100%																			
3. No. of sub-specialists (FTE) (FTE = at least 35-50% of time working in the sub-specialty)	3 - 4																			
4. Having a structure for center e.g. Director on service, training or research etc.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA																			
5. No. of trainees	3																			
6. No. of supporting staff (Please specify)	<table border="1"> <tbody> <tr> <td>Clinical Psychologist</td> <td>3-4</td> </tr> <tr> <td>Scientific Officer (Audiologist)</td> <td>1</td> </tr> <tr> <td>Physiotherapists (PT)</td> <td>1-3</td> </tr> <tr> <td>Occupational Therapists (OT)</td> <td>1-3</td> </tr> <tr> <td>Speech Therapist (ST)</td> <td>2-3</td> </tr> <tr> <td>Optometrist</td> <td>1</td> </tr> <tr> <td>Nurse</td> <td>8-10</td> </tr> <tr> <td>Medical Social Worker</td> <td>2-3</td> </tr> <tr> <td>Research Officer</td> <td>1</td> </tr> </tbody> </table>	Clinical Psychologist	3-4	Scientific Officer (Audiologist)	1	Physiotherapists (PT)	1-3	Occupational Therapists (OT)	1-3	Speech Therapist (ST)	2-3	Optometrist	1	Nurse	8-10	Medical Social Worker	2-3	Research Officer	1	
Clinical Psychologist	3-4																			
Scientific Officer (Audiologist)	1																			
Physiotherapists (PT)	1-3																			
Occupational Therapists (OT)	1-3																			
Speech Therapist (ST)	2-3																			
Optometrist	1																			
Nurse	8-10																			
Medical Social Worker	2-3																			
Research Officer	1																			

7. Structured training programme	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
8. Clinical guidelines/protocols	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
9. Clinical audit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
10. Research projects	Yes	

* **Please define clearly each category for your subspecialty, citing clinical examples and the case mix necessary for a viable programme.**

3.8 Proposed requirement of Trainers

a) Number of training staff in a programme recommended :

- ☐ 1
☐ 2-3
☒ 3-4
☐ >4

b) In possession of the necessary skills in laboratory, special procedure or basic sciences practice

- ☒ Yes ☐ No

c) Active in carrying out clinical audit and setting up of management guidelines

- ☒ Yes ☐ No

3.9 Proposed educational activities :

	<u>Location</u>	<u>Frequency</u>
Case Grand round		
Journal Club	Within Centres	2-4 / month
Didactic sessions		
Audit	Within Centres	Perennial
Service management/ admin sessions meeting		

* other CME activities

DBP Subspecialty CME
to be organized.

*** (please note that CME activities will be required for recognized subspecialties)**

3.10 The field of research available in our subspecialty and existing in HK

Examples of some of the ongoing work:

- | | |
|------------------------|---|
| (i) Clinical | Clinical outcome of various developmental disorders –
cohort studies, longitudinal studies
Correlational studies on outcome and associated factors o
interventions
Predictors for developmental conditions
Clinical profiles of specific clinical groups |
| (ii) Tools development | Development of locally validated and normed screening,
assessment and outcome measurement tools
Development and evaluation of intervention programmes
Local norming of overseas assessment instruments |
| (iii) Epidemiological | Prevalence and trends of developmental disorders
Surveillance of child development related outcome
determinants
Public awareness and attitudes towards development and
developmental problems. |

3.11 5 - 10 candidates are potential programme director(s) for HK
(> 50% of time spent on subspecialty)

3.12 10 – 15 candidates are potential trainers of the programme

3.13 We submit in details the curriculum of our subspecialty training programme under the headings of knowledge, skills and attitudes as Appendix III (on describing the training programme, please take reference from the handbook of Guideline on Postgraduate Training & Accreditation published by the College).

4. We propose **Professor Herbert J. Cohen** and **Professor Robert Armstrong** to be the external assessors of our programme. Please see attached for detail background information on the Assessors.