

Palliative Care in Children with Cancer: 6P Occupational Therapy Approach

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WHO Definition of Palliative Care for Children

- **Active total care** of the child's body, mind & spirit, & also involves giving support to the family
- Begins when illness is diagnosed, continues regardless of whether or not a child receives treatment directed at the disease
- Evaluate & alleviate a child's **physical, psychological & social distress**
- A broad **multi-disciplinary approach** including the family & make use of available community resources
- Provides in tertiary care facilities, community health centres and **children's homes**

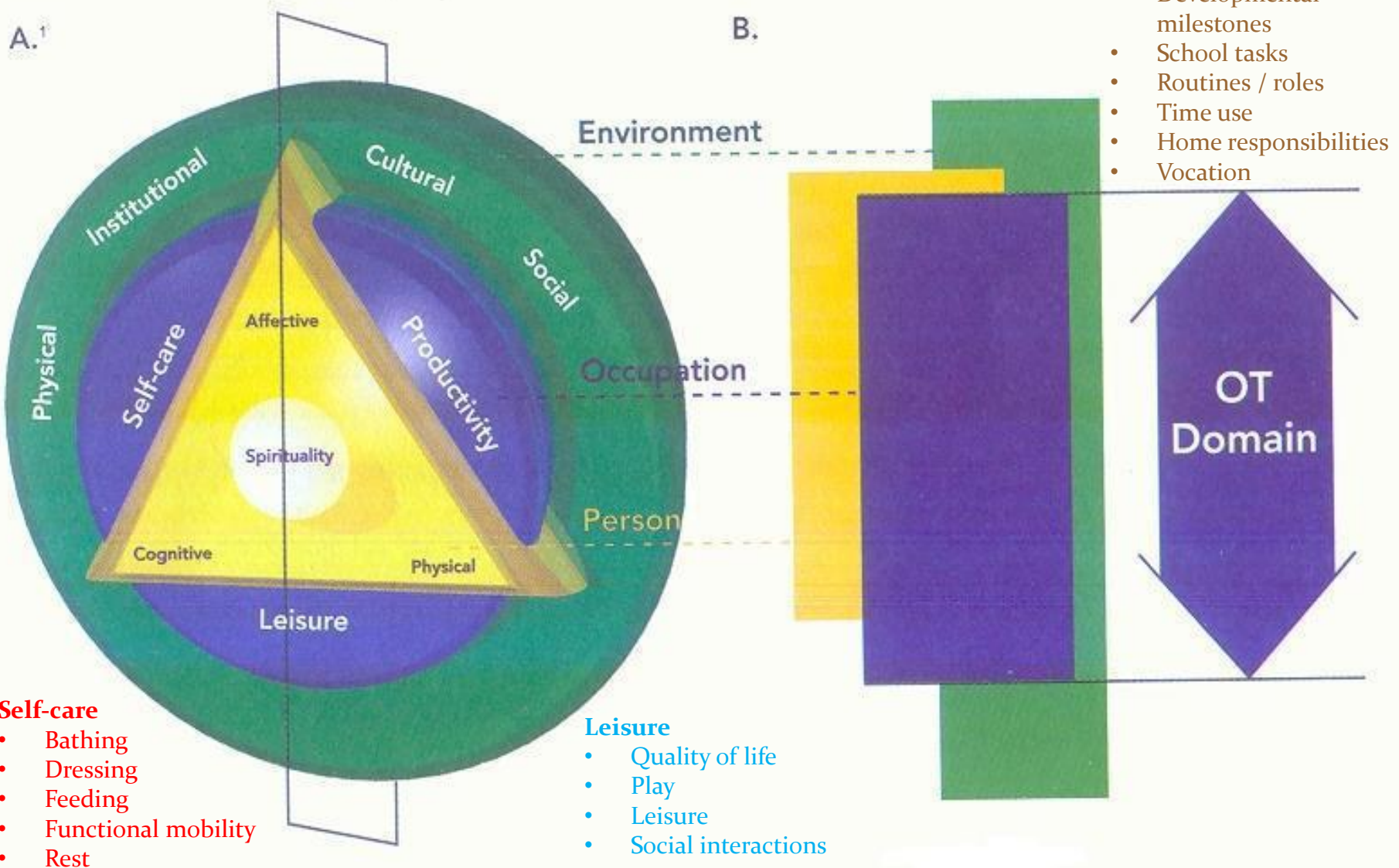
Occupational Therapy

Domain of Concern

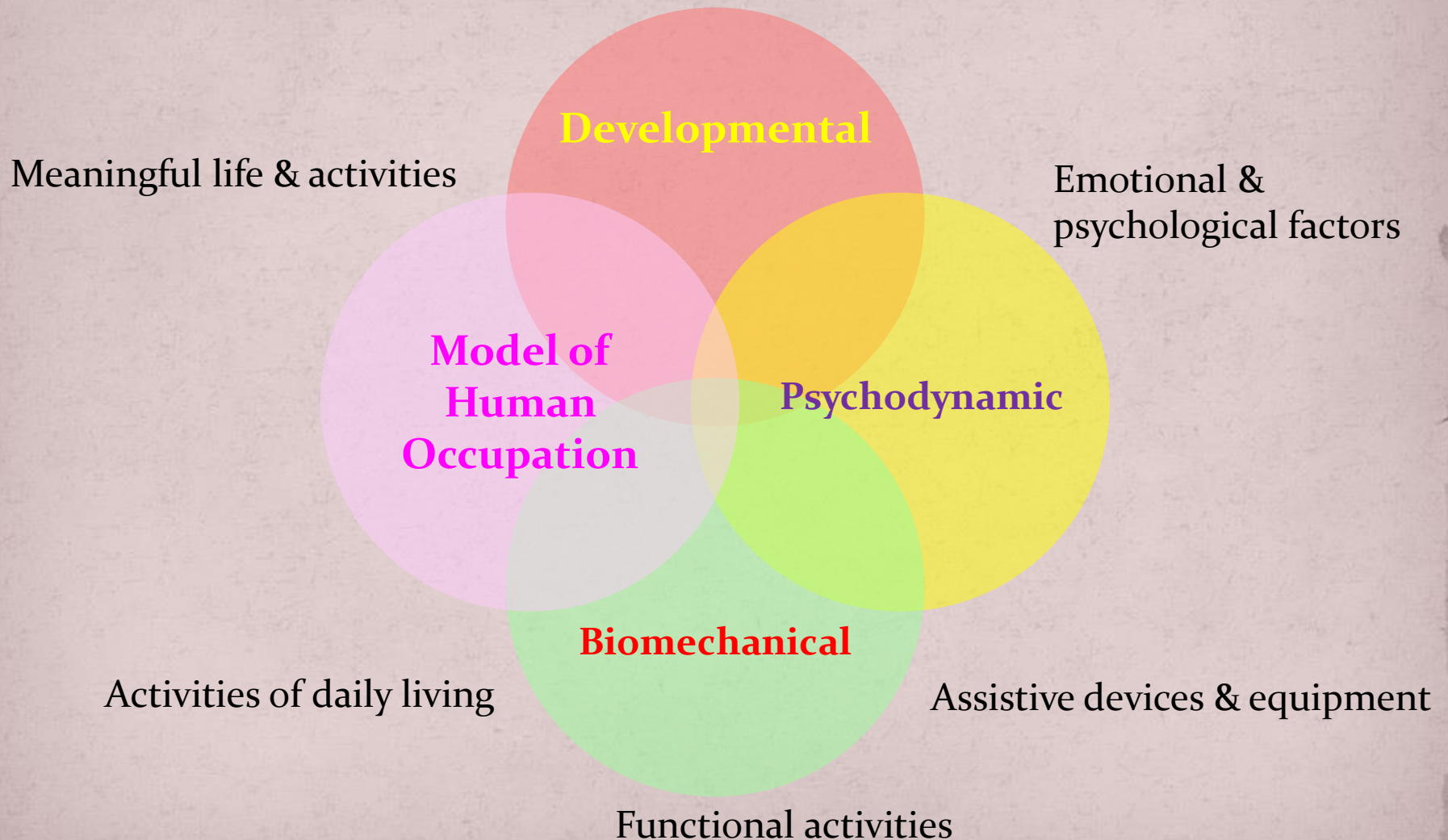
- Canadian Model of Occupational Performance & Engagement (CMOP-E) (Polatajiko, Townsend & Craik, 2007)
- Promote client-centered practice & the profession's view that occupation is the core domain of concern.
- Compared with International Classification of Functioning Disability & Health (ICF) (WHO, 2001), it positions the framework at an international standard and highlighting a possibility of developing an occupation focused model into a health model based on occupation.

Canadian Model of Occupational Performance & Engagement (CMOP-E)

(Polatajiko, Townsend & Craik, 2007)



Model adopted in OT



Current Practice of Pediatric Palliative Care in Hong Kong



Occupational Therapy Practice in Pediatric Palliative Care

PPS Level	Ambulation	Self-care	Occupational Performance	Assistive Devices Prescription
80-100%	Full	Full	<ul style="list-style-type: none"> • Play / leisure • Physical maintenance 	<ul style="list-style-type: none"> • Nil
60-70%	Reduced	Occasional assistance	<ul style="list-style-type: none"> • Home / school/ community adaptation 	<ul style="list-style-type: none"> • Buggy /standard wheelchair for transport
40-50%	Mainly sit / in bed	Assistance	<ul style="list-style-type: none"> • Functional skills training 	<ul style="list-style-type: none"> • Adapted / reclined seating, reclined bed, positioning aids
10-30%	Totally bed bound	Total care	<ul style="list-style-type: none"> • Quality of life 	<ul style="list-style-type: none"> • Bathing aids • Feeding aids • Communication aids • Splintage

6P Occupational Therapy Approach



Patient-centered: Pediatric Patients & Parents

- Sensitive to patients & parents needs



Occupational Therapy Department 職業治療部		Name	姓名
Reliability/ Stress Scale 可靠度/壓力量表		Score	分數
選擇 / Select All	最多一分數得 0		
Random / Random	最少得數少得 1		
Frequency / Frequency	最多得數少得 2		
Always / Always	最多得數少得 3		
Always / Always	最多得數少得 4		
題目		Score 分數	
1. Do you ever feel nervous or tense when you are in a situation?		1	2
2. Do you ever feel like you need a break?		3	4
3. Do you ever get annoyed by the situation?		5	6
4. Do you ever feel like you are not in control?		7	8
5. Do you ever feel like you are not doing well?		9	10
6. Do you ever feel like you are not doing well?		11	12
7. Do you ever feel like you are not doing well?		13	14
8. Do you ever feel like you are not doing well?		15	16
9. Do you ever feel like you are not doing well?		17	18
10. Do you ever feel like you are not doing well?		19	20
11. Do you ever feel like you are not doing well?		21	22
12. Do you ever feel like you are not doing well?		23	24
13. Do you ever feel like you are not doing well?		25	26
14. Do you ever feel like you are not doing well?		27	28
15. Do you ever feel like you are not doing well?		29	30
16. Do you ever feel like you are not doing well?		31	32
17. Do you ever feel like you are not doing well?		33	34
18. Do you ever feel like you are not doing well?		35	36
19. Do you ever feel like you are not doing well?		37	38
20. Do you ever feel like you are not doing well?		39	40
21. Do you ever feel like you are not doing well?		41	42
22. Do you ever feel like you are not doing well?		43	44
23. Do you ever feel like you are not doing well?		45	46
24. Do you ever feel like you are not doing well?		47	48
25. Do you ever feel like you are not doing well?		49	50
26. Do you ever feel like you are not doing well?		51	52
27. Do you ever feel like you are not doing well?		53	54
28. Do you ever feel like you are not doing well?		55	56
29. Do you ever feel like you are not doing well?		57	58
30. Do you ever feel like you are not doing well?		59	60
31. Do you ever feel like you are not doing well?		61	62
32. Do you ever feel like you are not doing well?		63	64
33. Do you ever feel like you are not doing well?		65	66
34. Do you ever feel like you are not doing well?		67	68
35. Do you ever feel like you are not doing well?		69	70
36. Do you ever feel like you are not doing well?		71	72
37. Do you ever feel like you are not doing well?		73	74
38. Do you ever feel like you are not doing well?		75	76
39. Do you ever feel like you are not doing well?		77	78
40. Do you ever feel like you are not doing well?		79	80
41. Do you ever feel like you are not doing well?		81	82
42. Do you ever feel like you are not doing well?		83	84
43. Do you ever feel like you are not doing well?		85	86
44. Do you ever feel like you are not doing well?		87	88
45. Do you ever feel like you are not doing well?		89	90
46. Do you ever feel like you are not doing well?		91	92
47. Do you ever feel like you are not doing well?		93	94
48. Do you ever feel like you are not doing well?		95	96
49. Do you ever feel like you are not doing well?		97	98
50. Do you ever feel like you are not doing well?		99	100

- Involving family in treatment
- Quality of life
 - Social life, fulfill a wish

姓名: _____

兒童生活質素問卷

6-12歲

你好！
我們想知道你在過去的一星期覺得怎樣，這是有關你生活質素的問卷。

請按心願填答問題。

● 將一些你過去的一星期發生的事情。

● 填出你覺得最开心的事情，並將其方格中填上交叉。

答覆沒有對或錯之分，這是你自己的想法。

覺得	從不	很少	有時	經常	總是
在過去的一星期，你喜歡	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
你喜歡	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

填寫日期: _____

日 / 月 / 年

Partnership & Participation

- Multi-disciplinary approach – regular case conference, case discussion
- Collaboration with NGO (CCF) – case discussion, case transfer / referral, funding support on issuing assistive devices & equipment & loan service
- Use of resources – community
- Collaboration with volunteers
 - Art Class

Occupational Performance

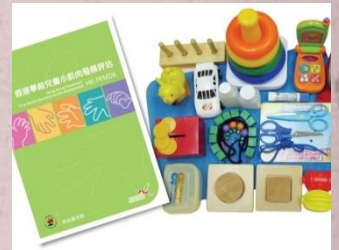
- Adaptation to home, school & community
 - Prescription of ADL assistive devices e.g. bathing / shower aids
- Seating adaptation & positioning e.g. reclined bed, adapted seating, special chair, wheelchair prescription



- School adaptation e.g. environmental adaptation, school work / arrangement

Play: Developmental Play, Expressive Play, Diversional Play

- Developmental needs
- Distraction (pain relief)
- Creative activity
- Expression needs



The benefits of therapeutic play in helping children cope with the stress caused by illness and hospitalization (Armstrong 2000, O'Connor & Drennan 2003, Li et al 2007, 2010, Li & Chung 2009)

Psychological & Physical Support

- Physical / motor / cognitive needs



- Symptom relief

- Positioning aids, pressure relief system
- Fatigue management – time management

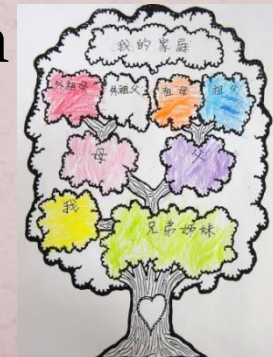


- Memory album: photo / art-work album

日常生活紀錄
Daily Activities Time Allocation (DATA)

*活動紀錄表 (適用於中重度失智症者)
 1. 記錄 24 小時內所有活動的時間分配 (時間: 分鐘)
 2. 記錄 24 小時內所有活動的時間分配 (時間: 分鐘)
 3. 記錄 24 小時內所有活動的時間分配 (時間: 分鐘)
 4. 記錄 24 小時內所有活動的時間分配 (時間: 分鐘)

時間	活動名稱	時間 (分鐘)	次數	備註
08:00	起床			
09:00	起床			
10:00	起床			
11:00	起床			
12:00	起床			
13:00	起床			
14:00	起床			
15:00	起床			
16:00	起床			
17:00	起床			
18:00	起床			
19:00	起床			
20:00	起床			
21:00	起床			
22:00	起床			
23:00	起床			
24:00	起床			



Proficiency

- Different from usual care
- Competent skills and knowledge
- Urgent reply within short period of time
 - Short stay in hospital, deteriorating condition and inadequate abilities
- Holistic approach
- Use of resources & referrals to others (NGO, community support)

Future

- Early referral > well-prepare / well-plan
- Increase coverage of palliative cases
 - Missed cases, end of life
- More collaboration between hospitals, NGO and volunteers
- Resources
 - Manpower
 - Assistive devices and equipment available

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Thank You !