An Exploration of Pediatric Occupational Therapy in China

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China By The Numbers

Prevalence of Occupational Therapy
1.3 billion people in China
1 OT per 300,000 people

Prevalence of Children with Disabilities
A child with serious disability is born every 40 seconds
700,000 born every year\(^1\)
Question: What can I do?

Answer: Educate
Occupational Therapy Education

WESTERN STANDARDS
- MSOT or OTD
- >6 months of full time clinical experience
- Integral part of healthcare team

CHINESE PROGRAMMING
- B.S. or non-degree in Rehabilitation Therapy
- 40 hour specialty in OT, PT, or ST
- Low status technicians
Pediatric Specialty Training Certificate

Hybrid Courses

International Collaboration

Designed for Current Practitioners

Pilot Courses
- Neonatal Intensive Care Unit
- Pediatric Assessment & Clinical Reasoning
Objectives

Develop Education

Understand OT Education in China

Needs Assessment in China
Building a Picture of Pediatric OT in China

- Private Clinic
- Pediatric Hospital
- Foster Home
- Orphanage
Phase 1: Bethel China
Meet Bethel China

Note: All Bethel pictures used with permission
“Helping visually impaired children live life to the fullest”
Efforts at Bethel

Modeling Behavior

Seating & Positioning

Brief intro to Sensory Processing
Modeling Behavior

**Describe** sensory experiences

Provide lots of **praise**

Allow children to **explore** toys

Give transition warnings
Seating and Positioning

Chairs in classrooms and cafeteria are too large

Adjust wheelchair for best fit
Sensory Suggestions

Provide *lots* of auditory and tactile stimulation

Fidgets
Bethel ≠ USA
Phase 2: LIH Olivia’s Place
LIH Olivia’s Place
LIH Olivia’s Place: My Tasks

Training  Outreach  Research
“Validating” Pediatric Therapy Services

Outcome Measures

- Is treatment effective?
- Objective or subjective
Outcome Measure: Objective

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<th>Admission</th>
<th>Discharge</th>
<th>Follow-up</th>
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<td>Self-Care</td>
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<td>A. Eating</td>
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<td>B. Grooming</td>
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<td>C. Bathing</td>
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<td>D. Dressing - Upper Body</td>
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<td>F. Toileting</td>
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Outcome Measure: Subjective

**Mobility**
- I have no problems in walking about
- I have some problems in walking about
- I am confined to bed

**Self-Care**
- I have no problems with self-care
- I have some problems washing or dressing myself
- I am unable to wash or dress myself
Finding the Right Match

Olivia’s Place Needs and Goals

Chinese Expectations
The Decision:

Multiple outcome measures
Phase 3: Course Development
Focusing Education Efforts On Bethel

- Present Course in China
- Create Course for Caregivers
- Refine & Translate
Course Outline

- Sensory at Home
- Sensory Processing, Explained
- The Seven Senses
Next Steps

Back to (virtual) China
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Thank you. Questions?
References


