



**CREST Child Rehabilitation and Education Service Team**

**NEURODEVELOPMENTAL TREATMENT (NDT)**

**FOR**

**CHILDREN WITH DEVELOPMENTAL DISABILITIES (DD)**

**&**

**CHILDREN WITH AUTISM SPECTRUM DISORDER (ASD)**

**JANUARY 2017**

**Presenter**



Kim Barthel, BMR, OTR is an author, consultant, occupational therapist, and owner of Labyrinth Journeys, a workshop company dedicated to providing professional and personal growth workshops. Kim is a Neuro-Developmental Treatment-OT Instructor and a teacher of Sensory Integration Therapy, with post-graduate study in neuro-sciences and a range of complementary healing practices. Having recently authored the pediatric textbook; Evidence and Art: Merging Forces in Pediatric

Therapy, Kim proficiently blends and bridges the most up to date science of connection and attachment theory with the intuitive aspect of the therapeutic process. Kim's recent professional challenges include team strategy facilitation for acute pediatric/adolescent mental health cases, and creating sustainable care strategies in a wide variety of cultures throughout the world.

# NEURODEVELOPMENTAL TREATMENT (NDT) FOR CHILDREN with DEVELOPMENTAL DISABILITIES (DD)

**Movement to Action and Function:  
Overcoming Motor Challenges in Children with Developmental Disabilities**

**16<sup>th</sup> – 18<sup>th</sup> JANUARY 2017 (Mon – Wed)**

## Course Description

This course is designed to acquaint professionals working with children with neuro-motor impairment with an introduction to the Neurodevelopmental Treatment Approach. Participants will experience typical development and atypical development, broadening their understanding of the movement challenges faced by their clients. Practicums and treatment demonstrations will augment didactic instruction.



## Course Objectives

1. To develop a greater understanding of the required prerequisite sensory motor components and patterns of development in the first 12 months.
2. To understand the typical postures and movement patterns demonstrated by children with abnormal tone.
3. To increase awareness of selected functional consequences of abnormal tone, as related to typical motor development.
4. To understand the basic principles of Neurodevelopmental theory.
5. To develop a basic understanding of the facilitation of movement and acquire a basic level of competence in facilitating movement.
6. To demonstrate a basic understanding of postural reflex mechanism.

## Course Schedule (\*\*Content and schedule are arranged tentatively, it is subject to change without prior notice)

Day Time	DAY 1	DAY 2	DAY 3
09:00	Registration		
09:30	Neuro-Developmental Treatment Concepts	Typical Development	Treatment Lecture
11:00		Typical Development lab	Lab
12:30	Lunch		
13:30	Treatment Demonstration		
15:00	Typical Development	Atypical Development Lecture	Handling Practicum
17:00	Facilitation Lab	Facilitation Lab	

# NEURODEVELOPMENTAL TREATMENT (NDT) FOR CHILDREN with AUTISM SPECTRUM DISORDER (ASD)

Treating the Movement Challenges of Children with ASD

19<sup>th</sup> – 20<sup>th</sup> JANUARY 2017 (Thu – Fri)

## Course Description

The movement challenges of Autism are often neglected in the treatment perspective offered by the Occupational Therapist or Physical Therapist working with children with ASD. Current motor control literature and neurobiological research highlight the motor systems impairments in this growing population of epidemic proportion. Neuro-Developmental Treatment is a frame of reference guiding therapists in their understanding of the analysis and treatment of posture and movement traditionally in children with cerebral palsy. This course will take the concepts of NDT and bridge them into the analysis and treatment of posture and movement in ASD. Comparison and contrast between ASD motor patterns and typical development will be highlighted offering a basis for the facilitation of new motor learning through hands on practical labs. This is an introductory/intermediate level course.



## Course Objectives

1. The learner will acquire a preliminary understanding of the neurobiology of movement disorders in ASD.
2. The learner will develop an introductory understanding of the concepts of Neuro-Developmental Treatment.
3. The learner will acquire a comparative understanding between typical motor development and the motor control issues in ASD.
4. The learner will acquire introductory skills in hands on facilitation of movement patterns in the children with Autism Spectrum Disorder.

## Course Schedule *(\*\*Content and schedule are arranged tentatively, it is subject to change without prior notice)*

Day Time	DAY 1	DAY 2
09:00	Registration	
09:30	What is happening in the brain of ASD that contributes to motor related issues?	Core Activation as an Aspect of Postural Control
11:30	Postural Control in ASD	Treatment Lab for Core Activation
12:30	Lunch	
13:30	Treatment Demonstration	Treatment Demonstration
14:30	Discussion	Discussion
15:00	Treatment Lab with hands on facilitation practicum	Combining Sensory Issues with Postural Activation Lecture Lab
16:30	Sensory Processing Contributions to Posture	

# NEURODEVELOPMENTAL TREATMENT (NDT) FOR CHILDREN WITH DEVELOPMENTAL DISABILITIES (DD) & AUTISM SPECTRUM DISORDER (ASD)

## Course Information & Fee

	NDT for DD	NDT for ASD
Date	16 <sup>th</sup> – 18 <sup>th</sup> Jan, 2017 (Mon – Wed)	19 <sup>th</sup> – 20 <sup>th</sup> Jan, 2017 (Thu – Fri)
Time	09:30 – 17:30	
Venue	CREST Child Rehabilitation and Education Service Team Room 705 - 706, 7/F, Peninsula Tower, No.538 Castle Peak Road, Cheung Sha Wan, Kowloon, Hong Kong.	
Language	English	
Target Participants	Occupational Therapists, Physiotherapists, Speech Therapists, Psychiatrists, Pediatricians, Psychologists, Teachers and related professionals	
Course Deadline & Fee	<b>Regular Registration Deadline:</b> On or Before 30 <sup>th</sup> Oct, 2016	
	HK\$8,800	HK\$7,700
	<b>Early Bird Registration Deadline:</b> On or Before 30 <sup>th</sup> Sept, 2016	
	HK\$8,200	HK\$7,200
	<b>Combo Offer (Regular Registration) Deadline:</b> On or Before 30 <sup>th</sup> Oct, 2016	
	<b>HK\$15,500</b>	
	<b>Combo Offer (Early-bird Registration) Deadline:</b> On or Before 30 <sup>th</sup> Sept, 2016	
	<b>HK\$13,900</b>	
CPD	CPD for OT - Pending	

## Payment

For Local Applications:

- By cheque:  
Payable to “**CREST Child Rehabilitation and Education Service Team**”  
\* Please **send** to the address below together **with the registration form**:  
“To: CREST Child Rehabilitation and Education Service Team  
Room 706, Peninsula Tower, No. 538 Castle Peak Road,  
Cheung Sha Wan, Kowloon, Hong Kong (SAR)”
- By Automatic Teller Machine (ATM):  
Bank / Account No.: **HSBC / 634-388821-838**  
Bank Account Name: **TSRCL T/A CCR&EST**  
\* Please **write down YOUR FULL NAME and COURSE NAME on the bank advice slip** and **email together with registration form** to [info@crest.hk](mailto:info@crest.hk).

For International Applications:

- By Telegraphic Transfer (TT):  
\* Please see the attached “Telegraphic Transfer (TT) Instructions for CREST” for details, and **email the TT bank advice slip together with registration form** to [info@crest.hk](mailto:info@crest.hk).



# NEURODEVELOPMENTAL TREATMENT (NDT) FOR CHILDREN WITH DEVELOPMENTAL DISABILITIES (DD) & AUTISM SPECTRUM DISORDER (ASD)

## **Certification**

Certificate of attendance will be issued to participants with over **80%** attendance.

## **Terms & Conditions**

### ***(i) Notification:***

Notification will be sent individually through email once your application and payment is received.

### ***(ii) Confirmation:***

The confirmation will be sent individually through email by **15<sup>th</sup> Oct, 2016** for Early-bird Registration and **15<sup>th</sup> Nov, 2016** for Regular Registration:

### ***(iii) Receipt:***

- Official receipt will be distributed on the first day of each course;
- HK\$500 administrative fee will be granted if:
  - a. re-issuing receipt with returning of original receipt, or
  - b. certified true copy of receipt is requested;

### ***(iv) Withdrawal Policy:***

- No transfer of the fee to other courses or another person upon the enrollment is confirmed.
- HK\$500 administrative fee will be granted if written request for cancellation is received on or before **8<sup>th</sup> Nov, 2016**.

**(v)** CREST Child Rehabilitation and Education Service Team reserves the right on final decision on enrollment and cancel the course due to unforeseeable circumstances.

## **Enquiry**

For any enquiries, please feel free to contact Ms. Raymie Leung / Mr. Stephen Chan at (852) 3628 3443 or [info@crest.hk](mailto:info@crest.hk).

# NEURODEVELOPMENTAL TREATMENT (NDT) FOR CHILDREN WITH DEVELOPMENTAL DISABILITIES (DD) & AUTISM SPECTRUM DISORDER (ASD)

JANUARY, 2017



**Official Use Only**

Date:

Ref. No.:

## REGISTRATION FORM

**Personal Particulars** (Please fill-in all the information below in BLOCK letters and put a "✓" in appropriate box(es))

Title: ☐ Prof. ☐ Dr. ☐ Mr. ☐ Ms.

Surname: \_\_\_\_\_ Given Name: \_\_\_\_\_

Preferred name appeared on official receipt: Same as Above /

Preferred name appeared on certification: Same as Above /

Institution: \_\_\_\_\_ Profession: \_\_\_\_\_

Country: \_\_\_\_\_ Phone No.: \_\_\_\_\_

E-mail\*: \_\_\_\_\_

*\*Please state clearly for receiving notification & confirmation.*

## Payment

	<b>NDT for DD</b> 16 <sup>th</sup> – 18 <sup>th</sup> Jan, 2017	<b>NDT for ASD</b> 19 <sup>th</sup> – 20 <sup>th</sup> Jan, 2017
Course Fee	<b>Regular Registration Deadline:</b> On or Before 30 <sup>th</sup> Oct, 2016	
	<input type="checkbox"/> HK\$8,800	<input type="checkbox"/> HK\$7,700
	<b>Early Bird Registration Deadline:</b> On or Before 30 <sup>th</sup> Sept, 2016	
	<input type="checkbox"/> HK\$8,200	<input type="checkbox"/> HK\$7,200
	<b>Combo Offer (Regular Registration) Deadline:</b> On or Before 30 <sup>th</sup> Oct, 2016	
	<input type="checkbox"/> HK\$15,500	
	<b>Combo Offer (Early-bird Registration) Deadline:</b> On or Before 30 <sup>th</sup> Sept, 2016	
	<input type="checkbox"/> HK\$13,900	

☐ ATM (Date: \_\_\_\_\_ Ref. No.: \_\_\_\_\_) ☐ Cash (Date: \_\_\_\_\_)

☐ Cheque (No.: \_\_\_\_\_ Bank: \_\_\_\_\_)

☐ Telegraphic Transfer (Date: \_\_\_\_\_ Bank: \_\_\_\_\_)

## Declaration

In no event shall **CREST Child Rehabilitation and Education Service Team** and its employees be liable to the participants for any costs, losses, damage, liabilities or expenses arising directly or indirectly from the courses.

I hereby confirm that I have read, understood and agreed with all the terms and conditions and withdrawal policy stated for the courses.

I want / do not want (please delete as appropriate) to receive updates from CREST in the future.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## Staff Use Only

Remarks:

Receipt No.: