

Introducing Tabriz Child Development Center (TCDC) and the Role of developmental Pediatrician

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Why we need Child Development Centers? What are the gaps ?

- 1- High in prevalence of developmental behavioral disorders
- 2- Critical time for Neuronal plasticity
- 3- Importance of early detection and early intervention
- 4- need for medical and environmental evaluation of delayed children
- 5-Importance of improving parenting skills and knowledge
- 6- Need for family focused interventions and parent training
- 7-Need to work as a team

High in prevalence of developmental behavioral disorders

- ❖ 1 in 6 U.S. children aged 2–8 years (17.4%) had a diagnosed mental, behavioral, or developmental disorder (CDC 2020)



- ❖ % ۴۳ of children in the world cannot reach to their developmental potentials (Iu et al 2016)

- ❖ For all low- and middle-income countries together, 25% of the children were suspected of developmental delay. (Gil et al 2020)

Critical time windows for child development

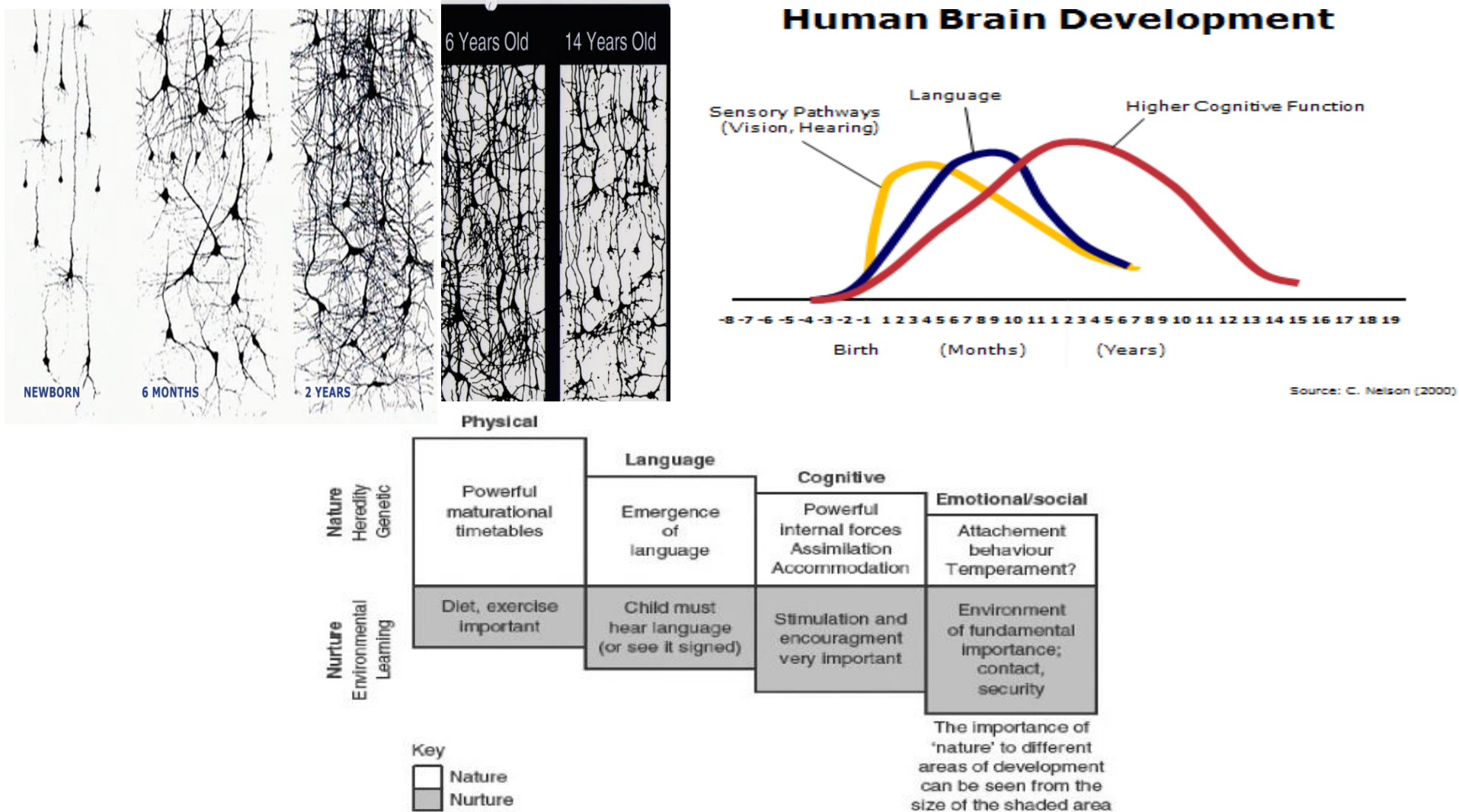


Figure 1.1 Chart showing the relative influence of nature and nurture on different developmental areas

Importance of early detection

- ❖ Only 30% detection using clinical judgment or red flags before school

AT CDC we aim to address them Through:

- ❖ Universal developmental Screening of children (ASQ)
- ❖ Follow up of High risk infants
- ❖ Screening for prevalent behavioral disorders(ADHD Rating scale& M-CHAT & SDQ)
- ❖ Developmental diagnostic tests (Bayley III)
- ❖ Detecting Parental mental health

Importance of early intervention

- ❖ If intervention is **instituted prior to school entrance**, many problems can be **prevented** and all can be **ameliorated**.

After introducing universal developmental screening:

- ❖ We find **more, younger** and **milder**
- ❖ Need for **different approaches** for empowering of these children and their family
- ❖ **Child and center based** approaches is not appropriate enough

Impotence of improving parenting skills and knowledge

- ❖ Enhancing knowledge, attitudes, and skills of caregivers associated with positive parent-child interactions and the healthy development of children.

Child development Centers :

Provide support to children and their families or guardians

through:

promotion,

prevention,

early detection

early intervention approaches.

Western Australia Child development services

provides a range of child development services for children who experience developmental difficulties

Services may be provided by one or more of the following professionals:

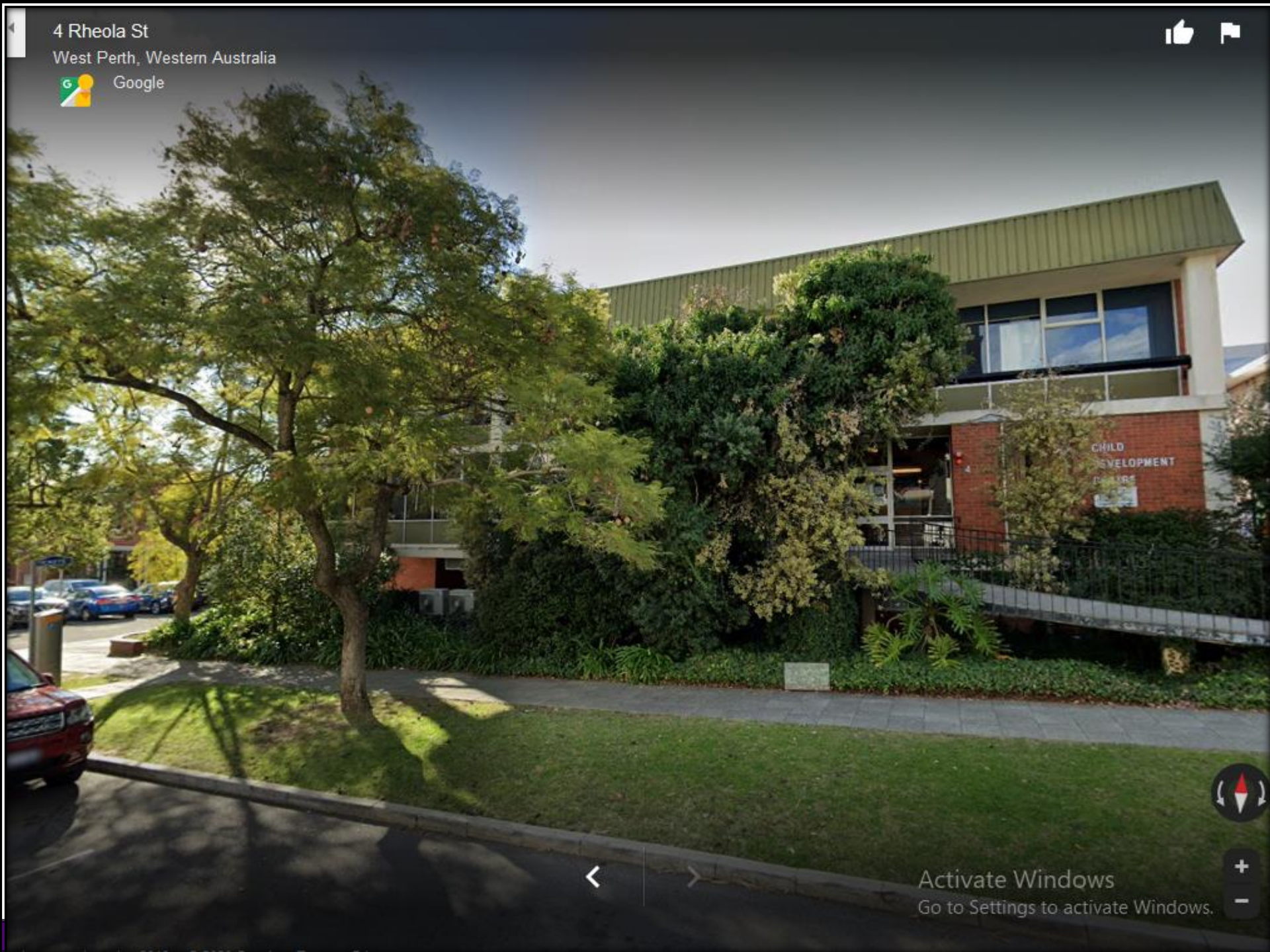
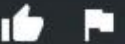
- paediatrician
- speech pathologist
- physiotherapist
- social worker
- audiologist
- dietitian
- occupational therapist
- clinical psychologist
- podiatrist

4 Rheola St

West Perth, Western Australia



Google



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Clarkson Child Development Service

Location: Clarkson Zone: North

Location Address 77 Renshaw Boulevard, Clarkson WA 6030 Phone 9304 6200 Your appointment When you arrive Please go to reception. How to change your appointment: Your appointment is important. If you need to change it, contact us as soon as possible on 9304 6200. How to book an interpreter: If you need an interpreter, please let us know before your appointment. Getting here Parking Free parking in the centre car park. Public transport: Buses run from both Clarkson Station and Ocean Keys Shopping Centre to our building. For more information, visit www.transperth.wa.gov.au/journey-planner or phone 13 62 13.



Fremantle Child Development Service - Lancaster House

Location: Spearwood Zone: South

Location Address Unit 12, 2-6 Lancaster Street, Spearwood Phone 9437 7600 Your appointment When you arrive Please go to reception. How to change your appointment Your appointment is important. If you need to change it, contact us as soon as possible on 9437 7600 How to book an interpreter If you need an interpreter, please let us know before your appointment. Getting here Parking Free parking in the centre car park. Public transport Bus services are available on Phoenix Road and Rockingham Road. The closest Stop Number is 10578 and is within 500 metres walk from the Centre. For more information, visit www.transperth.wa.gov.au/journey-planner or phone 13 62 13.



Fremantle Child Development Service - Rambures Way

Location: Hamilton Hill Zone: South

Location Address 12 Rambures Way, Hamilton Hill WA 6163 Phone 9418 1177 Your appointment When you arrive Please go to reception. How to change your appointment Your appointment is important. If you need to change it, contact us as soon as possible on 9418 1177. How to book an interpreter If you need an interpreter, please let us know before your appointment. Getting here Parking Free parking in the car park at the front of the building. Public transport Bus services run along Rockingham Road and Phoenix Road and

Professional at CDC's of Iran

Full time positions :

- Pediatrician trained in Developmental Pediatrics
- Nurse coordinator
- Psychometrist(Bayley III)
- Occupational Therapist
- Speech Therapist
- Psychologist(Clinical & Educational)

Part time Positions :

- Ped. Neurologist
- Ped. Psychiatrist
- Audiologist
- Social worker
- Ped. Physiotherapist
- Geneticist

Role of developmental Pediatrician at CDC

Basic components of role include :

(1) A thorough history :

- ❖ Perinatal & Birth History
- ❖ Medical History
- ❖ Family's Medical and developmental
- ❖ Developmental History of child (Delay, Regress, Plateau, Deviation ,Dissociation)
- ❖ Social History

Role of developmental Pediatrician at CDC

- (2) Complete general physical, neurological, and dysmorphology examinations
- (3) Direct neurodevelopmental evaluation of the 5 streams of development using standardized evaluation measures, including behavioral measures when indicated (DQ , BayleyIII , Griffiths, Symbolic play test...)
- (4) Consideration of an etiological evaluation to determine cause, prognosis, and recurrence risk of disabilities

Role of developmental Pediatrician at CDC

(5) Generate:

A summary of diagnoses,

A hypothesis as to the etiology

A strategy for appropriate interventions

A referral as needed

Role of CDC for Improving the developmental services of community

- **Child rearing practice of families** (workshop , book and toy library and educating brochure and booklets..)
- **child health workers** (مراقبین بهداشت و بهورزان)
- **Child care workers** (مربیان مهد کودکها)
- Working with **welfare organization** , Department of Education,

Improving Child rearing practice of families at Tabriz CDC

1- Holding educational sessions

Agenda :

Parenting

Screening

Environmental enrichment

Sensitivity and responsiveness

Toxic Stresses

Resilience

Nutrition

Caregivers Mental Health

2- Care for Child Development (CCD)Program

3-Educating parent during medical visits

Role of CDC for Training Professional

- **Medical students** and pediatric residents
- **Pediatricians and related subspecialties** (6 months short course)
- **Rehabilitation** and **psychology** students
- Learning to **work as a multi and interdisciplinary team**

Any Question????

غربالگری تکامل در ایران

❖ در ایران تمام شیرخواران در پایان ۱۲ ماهگی توسط غربالگر تکاملی ASQ غربالگری میشوند.

