1ST **INSPIRE**
HEALTH FORUM

ADB

# Inclusive, Sustainable, Prosperous and Resilient Health Systems in Asia and the Pacific INSPIRE Health Forum

7-11 July 2025 • A Hybrid Event

# Children with Special Needs

## Autism

### Scale

-In China, there are over **10 million** people with autism, including more than **3 million** children under the age of 14.

-The prevalence rate is approximately 1 in 36.

Note:
① The data on the number of people with autism in China comes from the *Report on the Development Status of Autism Education and Rehabilitation Industry in China*.
② The prevalence rate data is from the U.S. Centers for Disease Control and Prevention (CDC) 2020 report.

### Diagnostic Criteria

-Social communication disorder (core symptom)
-Narrow range of interests or activities, repetitive and stereotyped behaviors
-Some patients also have sensory perception abnormalities

### Language Disorder

The prevalence rate of developmental language disorder in children with a Mandarin-speaking background is **8.5%.**
Expressive language ability and language comprehension are significantly behind the normal developmental level of children the same age, with difficulties such as pronunciation problems, unclear speech, disfluency, and stuttering.

### Learning Disabilities

The incidence rate of learning difficulties among school-age children is approximately **15.3%.**
significant difficulties in one or several areas of reading, writing, and mathematical calculation processes. Poor attention and inability to focus on academic tasks lead to academic underachievement, which may also cause anxiety and other psychological issues.

Note: The prevalence rate is estimated by a research team from Shanghai Children's Medical Center and published in a May 2023 supplementary issue of *The Lancet*.

Note: The prevalence data comes from the Brain and Mathematics Learning Research Group at Beijing Model University, published in 2023.

大 米 和 小 米
Dami & Xiaomi

# Corporate Introduction-大米和小米（Dami & Xiaomi）









- Founded in **2014,** Dami and Xiaomi is a leading intervention service platform for children* with developmental disorders.

- **58** specialized child rehabilitation centers across **29** cities nationwide, serving **over 4,000** children at a daily basis. over **one million users** have accessed Dami and Xiaomi's online educational resources and remote intervention support.

- Developed China's largest and most comprehensive rehabilitation **big data system**, and a **large AI model** for child intervention and rehabilitation. By building an **intelligent supervision agent** powered by generative AI, Dami and Xiaomi is redefining the rehabilitation service sector.

*Note： Children aged 1–12 with autism spectrum disorder (ASD), social communication difficulties, language disorders, and specific learning difficulties.

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Dami & Xiaomi

# Founder & CEO

## Ms. Yingshuang Jiang (DaMi)

- **Chairwoman of Dami and Xiaomi**
- **Former Chief Reporter at Southern Metropolis Daily**
- **Mother of a daughter with "suspected ASD"**



## Mr. Jicheng Zhang (Yucheng)

- **Co-founder and CEO of Dami and Xiaomi**
- **Former Director of In-Depth News Department, Southern Metropolis Daily**



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**Child Rehab Service Sector**

**1.Lack of Standardization:**
Intervention plans are largely based on practitioners' subjective judgment, lacking standardized protocols and quantitative feedback. Disciplines operate in silos, with limited capacity for integrated solution design.

**2.Elevated Service Costs:**
Heavily on offline, non-standardized, and labor-intensive services. Professional training is costly, with a shortage of both specialists and multi-skilled practitioners.

**3.Significant Burden on Clients:**
Rehabilitation requires significant cooperation from parents for home-based interventions, but due to limitations in knowledge and time, parents find it difficult to comply, leading to considerable time and psychological burdens.

**4.Fragmented Industry:**
The market is fragmented, with diverse entrants such as rehabilitation centers, hospitals, and schools. Yet, no clear industry leaders have emerged, and long-term user value remains underdeveloped.

**While other competitors are struggling with short-term survival; ABC Impact's strategic investment has enabled us to focus on R&D and long-term capacity building.**

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**10 Years** — Rehab Service

**100+** — BCBA/BCaBA

**2000** — Therapist

**30,000** — Children Served

**+700,000** — Online Users

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# Digital Rehabilitation System

Facilitates multi-end integration across therapists, supervisors, and parents, enabling precise quantification of case progress and ensuring evidence-based, effective
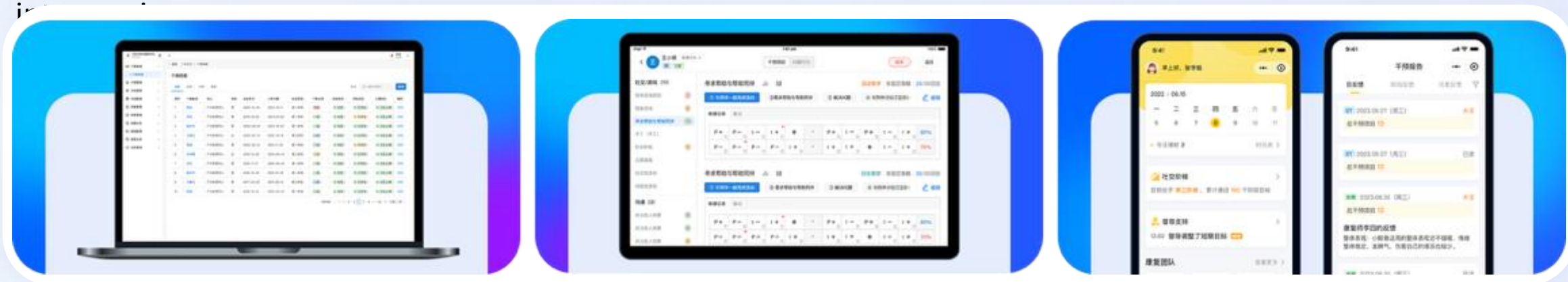


Digital transformation is reshaping the rehabilitation intervention process, replacing traditional pen-and-paper data recording with streamlined digital methods.



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# Partncrship with Amazon

- AI-Generated Images from Text

- Leverage AWS、SageMaker、BedrockEC2、RDS、GPU

- Large Model Data Training: scenario validation, model selection, data cleaning, and model fine-tuning

- R&D Partnership for RICE AI

- Data Governance and Compliance Team



大米和小米 Dami & Xiaomi

**+**

aws



## 亚马逊云科技加码医疗领域，赋能大米和小米推出特需儿童AI解决方案

第一财经　　2024-11-23 17:53

"如果能借助康复大数据优势和AI的力量，让专业督导、康复师集中精力为孩子提供个性化的康复训练并把这种专业能力通过AI辐射到整个特殊需要儿童康复行业，受益孩子的数量是不可估量的。"大米和小米创始人董事长姜英爽接受第一财经采访时表示。

大米和小米是一家国内特殊需要儿童康复头部机构。最近，亚马逊云科技（AWS）和大米和小米合作，推出了面向特需儿童康复领域国内首套基于大模型的完整 AI 解决方案，通过"基座大模型+专业知识+康复大数据"的有机结合，实现了特需儿童评估、康复干预、居家训练等全场景、全流程智能化的联合创新。

Press Release

# A robust data infrastructure by aggregating comprehensive industry big data assets

*RICE AI*

- 3W+ Cases
- 1.2E+ Intervention Record
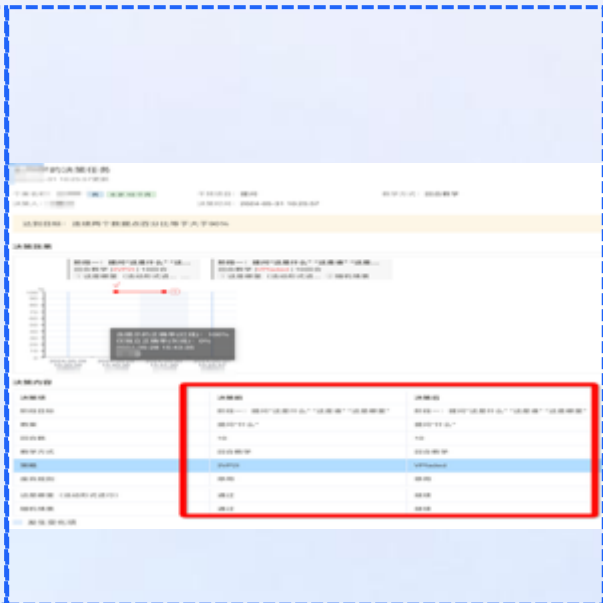- 200W+ Tags
- 300W+ Clinical Decision Points



| Case Management | Intervention Record | Data Points & Tags | Clinical Decision |

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# RICE AI---A B2B Platform Empowering Thousands of Local Small Rehab Agencies

*RICE AI*

## 1.AI Assessor

One-click generation of assessment report summaries and IEP intervention plans.



## 2.AI Supervisor

Generate IEP goal adjustment plans.



## 3.AI Assistant

Answer professional questions from parents and therapists.



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# Impact: An Efficient Platform for Multiple Settings

**RICE AI**

## 60+
**Comprehensive Deployment in Rehabilitation Centers and Schools**

## 5000+
**Number of Children Served Simultaneously**

## 87%
**Accuracy of the Large Model**

## 6 X
**Improved Effectiveness of Supervision**

➡ Lower cost and increase access for families of children with disability

**A Clinical Trial Study funded by abc IMPACT's Technical Assistance Grants**

- ABC Impact supported DMXM in conducting an outcomes measurement study to evaluate the long-term benefits of its proprietary intervention techniques for children with ASD and their families.

- Over 90% of parents reported improvements in their children's communication skills, social interactions, and behavioral self-regulation.  Additionally, 91% of parents observed an increase in their children's overall happiness, and their enhanced mental well-being.