

## Why Choose Dr. Cheng?

**Dr. Cheng** specializes in using a multidisciplinary team (MDT) approach, integrating neurology, innovation therapy, and neurotrophic techniques to improve patients' memory function and slow cognitive decline. He is lauded by patients as a "memory guardian," a neurosurgical and neurological expert specializing in treating senile dementia and slowing memory loss.

**Dr. Cheng** successfully performed China's first CT-guided stereotactic brain innovative transplantation surgery. He also has extensive clinical experience in the diagnosis, treatment, and post-operative rehabilitation of diseases such as cerebral palsy, brain injury, spinal cord injury, post-stroke sequelae, and post-thrombotic sequelae, using novel transplantation techniques.



## Alzheimer's family members' biggest concerns

- Is stem cell therapy really able to slow down or reverse the progression of the condition?
- Is stem cell therapy extremely expensive? Is multiple treatments required?
- How to protect patients' dignity and quality of life?

## Our answer to you is stem cell therapy can solve the above problems



### Disease Modification

Targets root causes, not just symptoms.



### Cost Savings

Cheaper than decades of drugs + institutional care.



### Preserves Personhood

Lets patients stay engaged with loved ones longer.

## Key Functional Improvements

### Post-treatment efficacy

The clinical benefits of innovation therapy for AD remain exploratory, with potential efficacy observed in the following areas (based on preclinical studies and early clinical trial data):

#### I. Cognitive and Functional Improvements

##### 1. Short-term Effects (3-6 months post-treatment)

- Mild AD Patients: enhanced verbal fluency/memory recall after IV infusion of stem cell.

##### 2. Long-term Effects (1-2 years post-treatment)

- Almost 30% of patients experience slowed cognitive decline, with a 50% reduction in Activities of Daily Living (ADL) deterioration.

#### II. Pathological Biomarker Changes

1. Reduced Beta-Amyloid (A $\beta$ ) Deposition
2. Neuroinflammation Mitigation
3. Enhanced Neuroplasticity

### III. Neuroprotection and Disease Course Modification

1. Slowed Brain Atrophy
2. Delayed Symptom Onset

## • Our treatment method differs from ordinary stem cell treatment •

#### Multi-Target Pathological Intervention

- **Simultaneous modulation:** Inhibits A $\beta$  deposition, reduces Tau phosphorylation, regulates neuroinflammation, promotes angiogenesis, and restores synaptic plasticity, enabling multi-dimensional disease modification.

#### Neural Repair Capability

- **Repair neural networks:** Differentiates into functional neurons to replace dead neurons.
- **Endogenous repair:** Secretes neurotrophic factors (e.g., BDNF, NGF) to activate intrinsic repair mechanisms, delaying or partially reversing structural brain damage.

#### Long-Lasting Effects & Disease Modification

- **Sustained efficacy:** Single or limited transplants may yield benefits lasting months to years.
- **Disease course alteration:** Immune modulation and microenvironment remodeling may modify disease progression (i.e., "disease-modifying therapy").

#### Reduced Side Effect Risks

- **IPSC-derived:** Lower immunogenicity and rejection risk.
- **Physiological repair:** Paracrine effects and immunomodulation mimic natural healing processes, minimizing systemic adverse events.

#### Potential for Late-Stage Patients

- **Advanced AD:** innovation therapy may offer new therapeutic opportunities and improving the neural microenvironment, even in late-stage disease.

## • Mechanism of Action •

Neuronal Replacement and Synaptic Reconstruction → Anti-inflammatory and Immunomodulatory Effects → Clearance of Pathological Proteins → Promotion of Angiogenesis

## • Core treatment advantages: Safety Guarantee Mechanism •

#### Intravenous Infusion

- Procedure: Simple administration.
- Enhancement: Often combined with focused ultrasound to temporarily open the BBB.

#### Stereotactic Intracerebral Injection

- Procedure: Precise delivery to target regions via stereotactic surgery.
- Risk: Requires craniotomy, posing higher surgical risks (e.g., infection, hemorrhage). or partially reversing structural brain damage.

#### Lumbar Puncture (Intrathecal Injection)

- Procedure: stem cells injected into the subarachnoid space.
- Mechanism: Natural cerebrospinal fluid (CSF) circulation guides stem cells to the spinal cord and brain.

## • Real Cases of Receiving Treatment •

### Case 1:

#### Patient Profile

**Name:** Xiao Lin

**Age/Gender/ Nationality:** 8-year-old, male, Chinese

## Background:

- Family History: Mother diagnosed with Alzheimer's disease (AD) at age 71.
- Early Onset: Symptoms emerged at age 59 (12 years earlier than his mother's onset), suggesting hereditary predisposition.

## Symptoms: (2012 Onset)

- Behavioral Changes:
- Emotional withdrawal, reluctance to engage in family gatherings.
- Irritability and sudden outbursts over minor triggers.
- Social isolation and preference for solitude.

## Pre-Treatment :

- Family Response: prompt medical intervention.
- Treatment Decision: Opted for innovation therapy under Dr. Cheng (Beijing-based expert), chosen for his published success in media-reported cases.

## Post-treatment Outcomes

1. First Treatment (May 2012)
  - Method: Transplantation
  - Outcome: Emotional improvement (restored smiling) and significant memory enhancement within 1 month.
2. Second Treatment (April 2013)
  - Method: Lumbar puncture injection and intravenous umbilical cord blood infusion.
  - Outcome: Progressive cognitive improvement noted by family.
3. Third Treatment (August 2014)
  - Outcome: Patient reported subjective well-being; positive changes after each treatment.

## Case 2- Alzheimer's Disease – Guardian of Memories in Later Years

### Patient Profile

**Name:** Ms. Li (anonymous)

**Age/Gender/ Nationality:** 70-year-old female

### Background:

- Family History: No family history of dementia (parents showed no signs of dementia).
- Early Signs: Transient memory lapses began at age 65 but were ignored until significant cognitive decline emerged at age 70.

## Symptoms :(2020 Onset)

- Cognitive & Behavioral Changes:
- Memory decline: Frequently forgetting to turn off the gas, repeatedly asking about her grandson's birthday, and getting lost near home.
- Language deficits: Word-finding difficulties.
- Mood swings: Cheerful demeanor gradually faded, replaced by self-blame, crying, and unexplained nocturnal fear episodes.
- Disorientation: Repeatedly mistook the neighbor's house for his own home.

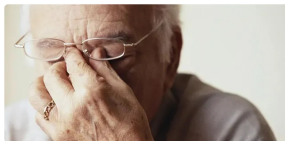
## Pre-Treatment :

### - Family Response:

- Installed smart monitors and full-time caregiving.
- Initial treatment with donepezil (Aricept) and memantine (Namenda) showed limited efficacy and side effects (nausea, dizziness).

### - Treatment Decision:

- Choosing Dr. Cheng for innovative injection therapy.



## Post-treatment Outcomes

### 1. First Treatment (June 2021)

- Method: Intravenous infusion of umbilical cord mesenchymal innovation therapy.
- Outcome: Achieved emotional stability within 2 months, 50% reduction in nocturnal fear episodes, and regained ability to independently tend to plants.

### 2. Second Treatment (March 2022)

- Method: Intranasal mucosal transplantation of NPCs combined with cognitive rehabilitation training.
- Outcome: MMSE score improved from 18 to 21, with restored language fluency and ability to recall past events with her grandson.

### 3. Third Treatment (January 2023)

- Method: Lumbar puncture-targeted delivery of BDNF-overexpressing genetically modified stem cells.
- Outcome: Brain MRI revealed a 30% slower hippocampal atrophy rate; family reported her recognizing old neighbors' names.



## • Why Choose Us? •



World Class Care:  
30,000+ patients from 30+ countries.



VIP Services:  
24/7 private physicians, luxury concierge (transport/hotel).  
Multilingual support (Arabic/English), halal meals, prayer rooms.



Technology & Expertise:  
Led by Dr. Cheng's team; integrates Western and Traditional Chinese Medicine.

If you have any questions or need to know more about the cases, please feel free to consult us and get a free 1-on-1 treatment plan

**Support@sunmoonnow.com**

You can contact us anytime if you have any question