

Shumi Lost her Speech but How did She Become Able to Speak Again?

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Abstract: After head injury Shumi was suffering from Global Aphasia with Oro-pharyngeal Dysphagia, Dyslexia. She came to CRP Mymensingh-BAU Centre for Speech & Language Therapy. She took one Speech and Language Therapy in every week and the total of 12 sessions in 3 months. Shumi's efforts and the application of Speech and Language Therapy such as MIT, OME, Dysphagia maneuvers and Vanriper Traditional Approach helped her to regain Communication skill, Swallowing skill and her Reading-Writing skill within 3 months though her Neuro-Surgeon disappointed her.

Keywords: Head Injury, Global Aphasia, Oro-Pharyngeal Dysphagia, Dyslexia, MIT, OME, Dysphagia Maneuvers, Vanriper Traditional Approach.

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I. INTRODUCTION/BACKGROUND

Head injury causes physical problems, sensory problems, behavior change, Problems with thinking skills, speech and language problems, social communication issues, swallowing problems, (American Speech-Language-Hearing Association, 2025). Reading problems may occur from various problems after a stroke or head injury (Neuro-Optometric Rehabilitation Association, International, Inc.). Head injury develops dysgraphia (Cleveland Clinic, 2025). After Head Injury, Global aphasia may result from damage to both Broca and Wernicke areas of the brain, typically in the left hemisphere. Global aphasia is considered among the most severe forms of aphasia (Psychiatric clinic, 2025). The name of the patient was Shumi. She was 35 years old. She got Head Injury by the terrorist attack in her house when she was sleeping. Due to Head Injury, she lost her Expressive-Comprehensive Skills. She also could not eat and drink properly. Whenever she tried to eat or drink something, she choked that caused vomition. She took medical treatment under a Neuro-surgeon. The Neuro-surgeon commented that she will never able to speak again. Then she came to CRP Mymensingh-BAU Centre to take the treatment of Speech & Language Therapy. She came under my supervision. I asessed the case as Head Injury with Global Aphasia, Oro-pharyngeal Dysphagia, Dyslexia. I applied the therapeutic protocols and within 3 months in total 12 sessions an outstanding development occurred to this patient. This case

was interesting and amazing to me despite the bad prognosis conferred by Nero-surgeon. This information will create awareness to the patients having severe Head Injury with Global Aphasia, Oro-pharyngeal Dysphagia, Dyslexia.

A. Objective of the Study

➤ General Objective:

To regain the normal functional activity of the brain.

➤ Specific Objectives:

- Improvement of Global Aphasia
- Overcome of Oro-pharyngeal Dysphagia
- Correction of Dyslexia

II. METHODOLOGY

It is a Clinical Case study. The name of the patient was Shumi. She was 35 years old. She came with a history of Head injury. She came in the SLT section to take SLT treatment at CRP Mymensingh -BAU Centre. She took one Speech and Language Therapy in every week and the total of 12 sessions in 3 months. She was asessed Head Injury with Global Aphasia, Oro-pharyngeal Dysphagia, Dyslexia. CSLT included some Speech and Language Therapy approaches like MIT, OME, Dysphagia Maneuver and Vanriper Traditional Approach. For this case study ethical consideration was applied. It was a

clinical case report study for the awareness of Head Injury patients.

III. RESULTS & DISCUSSION

The name of the patient was Shumi 35 years old and she came to me with Head Injury. Due to Head Injury, she lost her Expressive–Comprehensive Skills. She had severe swallowing management problem. She took medical treatment under a Neuro-surgeon. The Neuro-surgeon commented that she will never able to speak again after assessing her reports. Then she came to CRP Mymensingh-BAU Centre to take the treatment of Speech & Language Therapy under my supervision. The case was assessed as the Head injury with Global Aphasia, Oropharyngeal Dysphagia, Dyslexia.

The patient was given Melodic Intonation Therapy (MIT) to improve her speech production. The therapy approaches were Step 1: Humming Step 2: Unison Intoning Step 3: Unison Intoning with Fading Step 4: Immediate Repetition Step 5: Response to a Question (Tactus Therapy, 2025). To improve her swallowing management the used approaches were 1. Supraglottic approach (The Ohio State University, 2022). 2. Super supraglottic approach (The Ohio State University, 2022) 3. Masako (National foundation of Swallowing Disorders, 2013). These applied approaches improved her swallowing efficiency.

To remove her learning disability (Dyslexia) the Vanriper Traditional approach was used. These steps were; 1. Identification: 2. Discrimination 3. Production 4. Stabilization (What is Van Riper Approach to Articulation Therapy? 2019). After applying the Vanriper Traditional approach, within 1 month the patient Shumi started to read and without application other SLT approaches she started to write automatically.

REFERENCES

- [1]. Cleveland Clinic. What is Dysphagia? (2025). <https://my.clevelandclinic.org/health/diseases/23294-dysgraphia>
- [2]. Psychiatric Times. Aphasia Following Acquired Brain Injury. (2023). <https://www.psychiatrictimes.com/view/aphasia-following-acquired-brain-injury>
- [3]. Traumatic Brain Injury (TBI).(2025). American Speech-Language-Hearing Association. <https://www.asha.org/public/speech/disorders/traumatic-brain-injury/#:~:text=Sensory%20problems%E2%80%94sensitvity%20to%20lights,combat%20injuries%20also%20cause%20TBI.>
- [4]. Tactus Therapy. Melodic Intonation Therapy (MIT) for Severe Aphasia & Apraxia (2025). <https://tactustherapy.com/mit-melodic-intonation-therapy-how-to/>
- [5]. The Ohio State university. PATIENT EDUCATION (2022). Supraglottic Swallowing Method. <https://www.patienteducation.osumc.edu/>
- [6]. Neuro-Optometric Rehabilitation Association. <https://nora.memberclicks.net/reading-problems-after-traumatic-brain-injury>
- [7]. National Foundation of Swallowing Disorders. (2013). <https://swallowingdisorderfoundation.com/the-masako-maneuver/>
- [8]. What is Van Riper Approach to Articulation Therapy? (2019). <https://rakovicspeechandlanguagechat.com/?p=1488>