

Site visit and case studies of the specific children

SriVidhay project currently funds 1 speech therapist, 1 occupational therapist and 1 aya. This project is funded by Krisha Malakapalli for one year duration. School has been regularly visited by his father, who has personally observed progress in the children. This report contains details of two children as provided by the project partner and approved by Mr. Krishna.

All the observations have been done during the period of **September 2010 -April 2011**.

AKSHAY KUMAR

Akshay is the only child of his parents. The father works as a carpenter and mother is an Ayah. Born in 1998 Akshay was 8 years old when he came to Sri vidhyas centre in 2006. At that time he had to walk with support and he could only babble some sounds. With rigorous physiotherapy and persistent practice he can now walk on his own. Within these 5 years he has achieved most of his pre- primary goals. He can now write his name, names of his parents and numbers. He can fulfill his toileting needs, eat on his own and dress by himself.

In the area of speech he has achieved the goals set for him. Initially he used single words Ayah and combined with hand movements he completed the response Eg: Ayah ledu (gesture) later he got in to phases Nagamani Kinda undi (She is downstairs) all by vocal mode. Now gestures are rare and not to supplement but to compliment the oralization. Eg: Rahul velladu...bathroom velladu... he continues the answering session in correct intonation and phonation without blocks, or omission. He follows three-step commands and is showing excellent results with the concentrated efforts in the classroom. As he is not from a literate background the opportunities and exposure from the home front are limited.

Akshay is very alert and with enhance speech abilities his confidence and self esteem have crossed all barriers. He is fully aware of the happenings in his surroundings and even alerts the Ayahs if the gate is open and if some child is straying out of the gate. His sense of responsibility is an added asset to the growth of his adolescent personality. At 13 years of age now, his chiseled futures compliment his self assurance. There is a lot of promise of improvement in this young boy who has overcome many hurdles to arrive at this stage of glory.

It is not at all inappropriate to place on record the single advantage of the sponsored support towards the speech therapist that has enable the child to gain the above stated improvement.

SHAKEENA BLESSY

If arm-Chair learning is virtual then that's Blessy's way of learning right from the day she joined at Sri Vidhya's Centre. She and her wheelchair are constant companions.

Blessy has no one to call her own. Her father is unknown to everyone. Her mother abandoned the child shortly after giving birth to the child in a Govt. Hospital. The ayah took care of the baby for two days and waited for someone to come and claim back the baby. After two days she took the baby home and looked after her for 8 years.

Blessy is a cerebaral palsy child with profound mental retardation. As her care taker Ayah was advanced in years she brought her to Sri Vidhya..

Blessy had not achieved neck control and was in prone lying when she came. She was given intensive physiotherapy to improve her gait. At night she is unable to sleep soundly and has the habit of screaming. Her body is very stiff and it requires 2 ayahs to bathe her. Following is the physiotherapy report.

CHIEF COMPLAINTS - THE CHILD IS UNABLE TO WALK AND SIT, BALANCE IS VERY POOR AND UNABLE TO PERFORM MOVEMENTS WITH THE RIGHT HAND

HISTORY – BEDRIDDEN PATIENT

KNOWN CASE OF CEREBRAL PALSY

MENTALLY RETARTED CHILD

ON MEDICATION SINCE BIRTH

OBSERVATION – (ABNORMALITIES)

RIGHT UPPER LIMP –FLEXION AND PRONATED DEFORMITY AT ELBOW, RIGHT WRIST DROP, FLEXION DEFORMITY AT METACARPO PHALANGEAL JOINTS AND THUMB IN ADDUCTION DEFORMITY

LOWER LIMBS - HIP AND KNEE IN FELXION DEFORMITY

LUMBAR LORDOSIS – INCREASED

FOOT – BOTH FEET IN EVERSION

EXAMINATION

SENSORY EXAMINATION – NORMAL

MOTOR EXAMINATION –

LEFT LOWER LIMB - SPASTIC RIGHT LOWER LIMB – SPASTIC

REFLEXES –

BICEPS REFLEX – EXAGGERATED REFLEX

TRICEPS REFLEX – EXAGGERATED REFLEX

KNEE JERK – EXAGERRATED REFLEX

ANKLE JERK – EXAGERRATED REFLEX

PHYSIOTHERAPY TREATMENT

AIMS

- To strengthen the lower limbs
- To strengthen the upper limbs
- To mobilize the joints
- To correct the deformities in the right elbow
- To maintain correct body posture
- To improve balance
- Gait training

MEANS

- Assisted resistance exercise to both upper and lower limbs
- Stretching exercises to all the major groups of muscles in upper and lower limbs
- Passive joint movements to all the joints of upper limbs and lower limbs
- Prone lying activities to reduce the flexion deformity
- Sitting activity with balance training
- Postural control training

PROGRESSION

WITH REGULAR EXERCISES THE FOLLOWING PROGRESSION IS OBSERVED IN THE CHILD

- The child is able to sit for 30 minutes without support
- There is a slight increase in the strength of the lower limbs
- Slight control of the flexion and pronation deformity of the right elbow
- Improvement in the balance
- The eversion getting under control
- Lumbar Lordosis Slightly Decreased



THE ABOVE PICTURE SHOWS THAT BABY BLESSY IS ABLE TO SIT AFTER PROPER TREATMENT

After joining Srividhya at an age of 10, she has achieved neck control and can now sit on the chair. She can respond to her name and tries to give eye contact. She has grown in height and is taller than average children of her age. She undergoes regular physiotherapy, special education, medical support and 2 ayahs take care of her throughout the day. She can now chew her food and is given semisolid food to eat.

Being a girl child, her further training and requirements will only grow. The above stated improvement has been possible only because of the sponsored support towards salary of the physio therapist. It goes without doubt that without such expertise and professional treatment such a level of improvement would not have been at all possible.

PICTURES OF BABY SHAKEENA BLESSY BEFORE THE PHYSIOTHERAPY TREATMENT



THE ABOVE PICTURE SHOWS THE RIGHT HAND DEFROMITIES



THE ABOVE PICTURE SHOWS THE FLEXION DEFORMITIES OF HIP AND KNEE JOINTS

PICTURES OF BABY SHAKEENA BLESSY AFTER PHYSIOTHERAPY TREATMENT