

**A case of Right Sided Stroke with dysphasia  
(severe) - expressive inability with Emotional  
breakdown secondary to dysphasia managed  
Successfully using Pulsed Electro Magnetic  
Field Energy (EM Pulse (solo) device).**

**10/09/2009:**

**Diagnoses:**

- 1. Right sided stroke with**
- 2. Dysphasia (severe) - expressive inability.**
- 3. Emotional breakdown secondary to No.(2)**

**78 years old man Mr. Jayaram, admitted on 10/09/2009 with the H/o. CVA  
Right side 4 years ago.**

**C/o. Not able to walk and has difficulty in speech since 4 years. Known case of  
Hypertension since 30 years on Tab. Nodon 2.5mg 0-0-1 & Asthma since 25  
years. CVA (Rt) 4 years (treated outside hospital).**

**On admission, patient is conscious, oriented, afebrile. CVS/RS:NAD. BP:  
140/90mm Hg, Pulse: 84/mt.**

**EM Pulse Therapy started over left partial region – 4 hours (Opposite  
directions and continuous therapy).**

## Lab Reports

Sl. No.	Parameters	10/09/2009
1	<b>Hematology:</b>	
	Hb	15.0 gm%
	PCV	45.90%
	TC	9400 Cells/Cumm
	Neutrophils	47%
	Lymphocytes	45%
	Eosinophils	8%
	Platelet Count	1.95 lakhs/cmm
	ESR	16mm/1hr
	2	<b>Blood Sugar:</b>
RBS		89 mg/dl
Serum Fructosamine		192
3	<b>Liver Function Tests:</b>	
	Serum Protein	6.7 gm/dl
	Albumin	3.7 gm/dl
	Globulin	3.0 gm/dl
	Serum Bilirubin	0.5 mg/dl
	Direct	0.2 mg/dl
	Indirect	0.3 mg/dl
	A/G Ratio	1:23
	SGOT	13 U/L
	SGPT	15 U/L
Alkaline Phosphatase	120 U/L	
Serum Amylase	249 U/L	
Serum Gamma GT	16 U/L	
4	<b>Urine Analysis:</b>	
	Urea	26 mg/dl
	Creatinine	0.8 mg/dl
	Albumin	1+
	Epithelial Cells	6-8
	Pus Cells	Numerous
	R.Bc	4-5
	Urine C/S	ESCH - Coli are isolated in culture
	Serum Calcium	9.0
	Serum Phosphorus	4.5
	Sodium	132 mEq/dl
	Pottassium	4.02 mEq/dl
	Chloride	98 mEq/dl
Bicarbonat	29 mEq/dl	

## ECHO Report

Cardiac Echo Studies as Mr. V. Jayaram		
<u>Sl. No.</u>	<u>Parameters</u>	<u>Pre PEMFE *</u>
		10/09/2009
1	FUNCTION:	Concentric Hypertrophy of LV. LV diastolic dysfunction. Normal LV systolic and RV function.
2	Ejection Fraction	75%
3	Valves	No valvular abnormality.
4	Any Other Remarks	Trace pericardial effusion.
PEMFE * Pulse Electromagnetic Field Energy		

## USG – Whole Abdomen Report

Parameters	10/09/2009
USG - Whole Abdomen	Fatty liver with simple cysts. Few calcified foci liver. ? Calcified granulomatous lesion. Bilateral renal cortical cysts.

His speech has improved well – he is able to talk difficult word like – Chakravarthi Rajagopalacharya.  
Temp: 98.4’F, PR: 88/mt. Clinically good result.  
After 3 days of Therapy - EM Pulse Therapy Left partial region upside and downside position for 20 hours. Right partial region – 2 hours.

### **Follow-up Medications:**

Sl. No.	Generic/Brand Name	Strength	Dosage Schedule	No. of Days
1	Tab. Idafen		1-0-0 (after food)	10
2	Tab. Alpha D3	0.5 mg	0-1-0 (after food)	10
3	Tab. Supracal	1000 mg	0-0-1 (after food)	10
4	Tab. Syndopa	110 mg	1-0-1 (07:30 AM – 0- 07:30 PM)	10
5	Tab. Valparin Chromo	300 mg	0-0-1 (After food)	10
6	Inj. Renerve Plus		IM once in a week.	10
7	Tab. Zanolcin	400 mg	1 after breakfast	10
8	Stop Lasix ½			

**EM Pulse therapy to be continued as per instruction.**

**Please inform patient condition once a week.**

**To arrange speech therapy for 3 weeks.**

**Review after 3 weeks with FBS, PPBS, Serum Fructosamine, Electrolytes, Urine Analysis Reports.**

**01/10/2009:**

**Report by wife:**

**Improving very well both in his speech as well as his right sided limb power and movements – vide physio’s report.**

# Physiotherapist's Report:

1st October 2009

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Physiotherapist's Report 1-10-2009.

Respected Dr.

I'm introducing my self as a  
Mr Anbu B.O.T., D.P.T., Occupational therapists.  
I'm giving therapy for M. V. Jayaram 78/m.  
for past 1 1/2 years. now he is getting  
Improved Muscle Tone, from flaccid (P) sided  
lower limb and also he gained some  
Movement in the specified leg during the  
course.

after getting Magneto therapy from your  
concerns now he has got cleared phonetics.  
he's now trying pronouncing difficult words.  
to our speech practice.  
- receiving, expressing words getting improved

- I observed cognitive functions like  
Attention, Concentration, Memory (recent & remote)  
problem solving also improved.

- now <sup>need</sup> proper speech therapy ~~he~~ not get  
getting <sup>thank you</sup>

M. Anbu B.O.T., D.P.T.,