

CLINICAL RESEARCH

A Clinical Study to find out the efficacy of Homoeopathic Medicines in Behavioral Disorders

Place of Study and Duration

Central Research Institute (Homoeopathy), Kottayam, Kerala (1984 - 2002)

Abstract

A clinical study was undertaken by Central Council for Research in Homoeopathy to find out the efficacy of Homeopathic drugs in Behavioral Disorders. The cases of 10 Behavioral Disorders with clinical symptoms specified as per ICD-9 classification of Mental Diseases were studied. These cases were treated with indicated Homeopathic medicines. The improvement was assessed as per pre-defined criteria. And it relieve the symptoms of these 10 Behavioral Disorders ranging from mild to marked improvement out the total Senile and pre-senile organic psychotic condition, Alcoholic Psychosis, Drug Psychosis, Schizophrenia, Affective Psychosis, Paranoid Disorder, Psychosis with origin specific to childhood, Neurotic disorder, Personality disorder and Psychosomatic disorder cases were treated according to homoeopathic principles by timely indicated drugs and were improved showing the efficacy of Homoeopathic drugs.

Introduction

The Behavioral Disorders include a broad range of conditions characterized by abnormal behavior and psychological signs and symptoms that result in dysfunction. Behavioral Disorders are highly prevalent in medical practice and may present either as primary disorder or co-morbid condition. The classification of behavioral disorders / mental disorders is multi axial and includes the presence or absence of a major mental disorder, any underlying personality disorder, general medical condition, psychosocial and environmental problems and overall rating of general psychosocial functioning. Validated patient-based questionnaires have been developed that systematically probe for signs and symptoms associated with most prevalent behavioral disorders diagnosis and guide the clinician into a more targeted historic assessment.

Aims & Objectives

Primary -

- **To evolve a group of most efficacious drugs for Behaviour disorders.**

Secondary -

- **To identify their reliable indications**
- **To identify their most useful potencies**

- **To detect their reliable potency of administration**
- **To deduce their reportorial indices**
- **To set out their relationship**

Materials & Methods

The cases of Behavioural disorders were selected from the Out Patients Department of the Institute and the following Clinical types of Behavioral Disorders based on ICD - 9 mental disorders classification of W.H.O. were taken up for the study:

1. Senile and pre-senile organic psychotic condition
2. Alcoholic Psychosis
3. Drug Psychosis
4. Schizophrenia
5. Affective Psychosis,
6. Paranoid Disorder
7. Psychosis with origin specific to childhood
8. Neurotic disorder,
9. Personality disorder and
10. Psychosomatic disorders

All these cases were treated with homoeopathic medicines based on symptom-similarity. Out of these, a total of 2549 cases which had a proper

follow up were assessed for improvement as per following Criteria:

1. Cured:

For a minimum period of three years after the cessation of treatment, total absence of symptoms of the relevant Behavioural disorder with which the patient was admitted to the study.

2. Improvement :

Marked Improvement: - Patient who is relieved of the illness after homoeopathic treatment and remains asymptomatic during the regular follow-up for a period of one year.

Moderate Improvement: - Patient who has remarkable improvement, but all the symptoms of the Behavioural disorder are not relieved.

Mild Improvement: - There is mild transient relief in the symptoms of the patient.

No Improvement: - No visible difference in the condition of the patient after treatment for a considerable period.

Results / Data presentation:

	Total
1. No. of cases Registered	4264
2. No. of cases not reported / Dropped out	1715
3. No. of cases included for study	2549

Clinical Types:

Clinical types of Behavioral Disorders	No. of cases
1. Senile and pre-senile organic psychotic condition	151
2. Alcoholic Psychosis	44
3. Drug Psychosis	65
4. Schizophrenia	546
5. Affective Psychosis	557
6. Paranoid Disorder	87
7. Psychosis with origin specific to childhood	107
8. Neurotic disorder	223
9. Personality disorder	39
10. Psychosomatic disorders	730

Basis of Diagnosis:

	Total
1. Clinical Signs and Symptoms	2549

Response to the treatment:

1. Senile and pre-senile organic psychotic condition (151 cases):

Improvement indices:

Level of Improvement	No. of cases	% of total number of cases (151)
Cure	0	0%
Marked improvement	11	7%
Moderate improvement	43	28%
Mild improvement	59	39%
Not improved	38	25%

Medicines found effective:

Medicines administered	Potency	Number of cases		% of cases relieved
		Prescribed	Relieved	
Argentum nitricum	30, 200	18	11	61%
Anacardium orientale	30, 200	14	6	42%
Sulphur lotum	200, 1M	19	6	31%
Calcarea Carbonica	30, 200, 1M	43	22	51%
Tuberculinum	200, 1M	14	6	42%

2. Alcoholic Psychosis (44 cases):

Improvement indices:

Level of Improvement	No. of cases	% of total number of cases (44)
Cure	0	0%
Marked improvement	10	23%
Moderate improvement	15	34%
Mild improvement	14	32%
Not improved	5	11%

Medicines found effective:

Medicines administered	Potency	Number of cases		% of cases relieved
		Prescribed	Relieved	
Sulphur lotum	200, 1M	16	8	50%
Arsenicum album	200, 1M	14	4	28%
Lycopodium clavatum	200, 1M	10	6	60%
Nux vomica	30, 200	4	2	59%
Calcarea Carbonica	200, 1M	2	1	50%

3. Drug Psychosis (65 cases):

Level of Improvement	No. of cases	% of total number of cases (65)
Cure	0	0%
Marked improvement	3	5%
Moderate improvement	21	32%
Mild improvement	17	48%
Not improved	24	36%

Medicines found effective:

Medicines administered	Potency	Number of cases		% of cases relieved
		Prescribed	Relieved	
Acid sulphuricum	200	1	0	0
Sulphur lotum	200, 1M	16	3	19%
Lycopodium clavatum	200, 1M	3	1	33%
Caladium	30, 200	3	2	67%
Calcarea Carbonica	200, 1M	4	2	50%
Belladonna	200, 1M	14	4	28%
Pulsatilla	200, 1M	6	3	50%
Thuja	200, 1M	13	7	54%
Tuberculinum	200, 1M	15	8	53%

4. Schizophrenia (546 cases):

Level of Improvement	No. of cases	% of total number of cases (546)
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Cure	0	0%
Marked improvement	165	30%
Moderate improvement	201	37%
Mild improvement	122	22%
Not improved	58	11%

Medicines found effective:

Medicines administered	Potency	Number of cases		% of cases relieved
		Prescribed	Relieved	
Sulphur lotum	200, 1M	98	39	39%
Arsenicum album	200, 1M	54	14	25%
Calcarea carbonica	30, 200, 1M	47	21	44%
Nux vomica	30, 200, 1M	19	6	31%
Stramonium	200, 1M	39	11	28%
Sepia	200, 1M	47	23	48%
Pulsatilla	30, 200, 1M	91	61	67%
Psorinum	200, 1M	14	2	14%
Natrum muriaticum	30, 200, 1M	37	13	35%
Lycopodium clavatum	30, 200, 1M	33	14	42%
Ignatia	200, 1M	29	15	51%
Hyoscyamus	30, 200, 1M	44	11	25%
Lachesis	30, 200, 1M	39	17	43%
Cannabis indica	1M	12	6	50%
Conium maculatum	30, 200	3	1	33%
Argentum nitricum	200, 1M	18	5	27%
Staphysagria	200, 1M	34	9	26%
Phosphorus	200, 1M	85	19	22%

5. Affective Psychosis (557 cases):

Level of Improvement	No. of cases	% of total number of cases (557)
Cure	0	0%
Marked improvement	239	43%
Moderate improvement	281	50%
Mild improvement	16	3%
Not improved	21	4%

Medicines found effective:

Medicines administered	Potency	Number of cases		% of cases relieved
		Prescribed	Relieved	
Ignatia	30, 200, 1M	129	38	29%
Pulsatilla	30, 200, 1M	106	35	33%
Natrum muriaticum	30, 200, 1M	43	18	41%
Sepia	30, 200, 1M	68	33	48%
Belladonna	30, 200, 1M	206	68	33%
Arsenicum album	200, 1M	34	13	38%
Graphites	30, 200, 1M	14	8	57%
Hyoscyamus	30, 200, 1M	86	30	35%

Gelsimium	200, 1M	69	41	59%
Cocculus indica	30, 200	15	3	20%
Calcarea carbonica	30, 200, 1M	96	34	35%
Sulphur lotum	200, 1M	35	20	57%
Tarentula hispania	200, 1M	22	4	18%
Staphysagria	30, 200, 1M	8	3	37%
Stramonium	30, 200, 1M	101	38	38%
Phosphorus	30, 200, 1M	49	17	35%
Lachesis	30, 200, 1M	41	15	36%

6. Paranoid Disorder (87 cases):

Level of Improvement	No. of cases	% of total number of cases (87)
Cure	0	0%
Marked improvement	36	41%
Moderate improvement	20	23%
Mild improvement	7	8%
Not improved	24	27%

Medicines found effective:

Medicines administered	Potency	Number of cases		% of cases relieved
		Prescribed	Relieved	
Pulsatilla	30, 200, 1M	14	4	28%
Hyoscyamus	30, 200, 1M	63	41	65%
Lachesis	30, 200, 1M	27	9	33%
Sulphur lotum	30, 200, 1M	19	6	31%
Platina	30, 200, 1M	2	1	50%
Natrum muriaticum	30, 200, 1M	40	21	52%

7. Psychosis with origin specific to childhood (107 cases):

Level of Improvement	No. of cases	% of total number of cases (107)
Cure	0	0%
Marked improvement	59	55%
Moderate improvement	26	24%
Mild improvement	8	7%
Not improved	14	13%

Medicines found effective:

Medicines administered	Potency	Number of cases		% of cases relieved
		Prescribed	Relieved	
Calcarea Carbonica	30, 200, 1M	39	18	46%
Syphilinum	200, 1M	49	24	49%
Thuja	200, 1M	14	2	14%

Tarentula hispania	200, 1M	12	6	50%
Tuberculinum	200, 1M	42	7	17%
Sulphur lotum	200, 1M	66	29	44%
Antimonium crudum	200, 1M	6	2	33%

8. Neurotic disorder (223 cases):

Level of Improvement	No. of cases	% of total number of cases (223)
Cure	0	0%
Marked improvement	84	38%
Moderate improvement	62	28%
Mild improvement	62	28%
Not improved	15	7%

Medicines found effective:

Medicines administered	Potency	Number of cases		% of cases relieved
		Prescribed	Relieved	
Arsenicum album	30, 200, 1M	31	16	52%
Calcarea Carbonica	200, 1M	59	32	54%
Nux vomica	30, 200	41	29	70%
Pulsatilla	30, 200, 1M	67	41	61%
Sulphur lotum	30, 200, 1M	53	24	45%
Silicea	200, 1M	27	16	59%
Kali carbonica	200, 1M	9	4	44%
Lachesis	200, 1M	17	9	52%
Tuberculinum	200, 1M	14	3	21%
Phosphorus	30, 200, 1M	31	11	35%

9. Personality disorder (39):

Level of Improvement	No. of cases	% of total number of cases (39)
Cure	0	0%
Marked improvement	0	0%
Moderate improvement	24	61%
Mild improvement	3	8%
Not improved	12	31%

Medicines found effective:

Medicines administered	Potency	Number of cases		% of cases relieved
		Prescribed	Relieved	
Sulphur lotum	200, 1M	8	3	37%
Antimonium crudum	30, 200	4	2	50%
Calcarea Carbonica	30, 200, 1M	6	2	33%
Graphites	200, 1M	7	3	43%
Hyoscyamus	200, 1M	12	6	50%
Iodium	30, 200	6	2	33%
Natrum muriaticum	200, 1M	11	3	27%

Sepia	200, 1M	6	2	33%
Silicea	1M	3	2	67%
Tarentula hispania	200, 1M	7	3	43%

10. Psychosomatic disorders (730):

Level of Improvement	No. of cases	% of total number of cases (730)
Cure	0	0%
Marked improvement	301	41%
Moderate improvement	261	36%
Mild improvement	137	19%
Not improved	31	4%

Medicines found effective:

Medicines administered	Potency	Number of cases		% of cases relieved
		Prescribed	Relieved	
Aconitum napellus	30	10	3	30%
Argentum nitricum	200, 1M	8	3	37%
Arsenicum album	30, 200, 1M	34	20	59%
Aurum metallicum	30, 200	5	3	60%
Agaricus muscarius	30, 200	10	3	30%
Acidum nitricum	30, 200	14	6	43%
Acidum phosphoricum	30, 200	12	5	42%
Antimonium tartaricum	30, 200, 1M	62	32	52%
Aralia racemosa	30	5	4	80%
Arsenicum iodatum	30, 200	14	6	43%
Arnica montana	30, 200	9	3	33%
Apis mellifica	30	6	3	50%
Bryonia alba	30, 200	11	5	45%
Baryta Carbonica	200	9	3	33%
Belladonna	30, 200, 1M	44	22	50%
Cina	30	15	5	33%
Carbo vegetabilis	30	9	3	33%
Calcarea Carbonica	30, 200, 1M	41	21	51%
Calcarea phos	6X	9	4	44%
Colchicum	30	8	2	25%
Cuprum metallicum	30, 200	11	5	45%
Causticum	30, 200	7	5	71%
Cocculus	30	5	2	40%
Ferrum metallicum	30	6	3	50%
Gelsemium	200, 1M	19	11	58%
Glonoine	30	8	3	37%
Hyoscyamus	30, 200	6	3	50%
Hepar sulph	30, 200, 1M	25	17	68%
Ignatia	30, 200	11	4	36%
Ipecacuanha	30	17	7	41%
Kali carbonicum	30, 200	14	6	43%
Kali bichromicum	30, 200	21	11	52%
Lachesis	30, 200, 1M	47	21	45%
Lobelia inflata	Q, 30	12	4	33%
Lycopodium	30, 200	10	3	30%
Medorrhinum	200, 1M	15	9	60%
Mercurius solubilis	200, 1M	11	7	64%

FIG1: PRESENTING SYMPTOMS

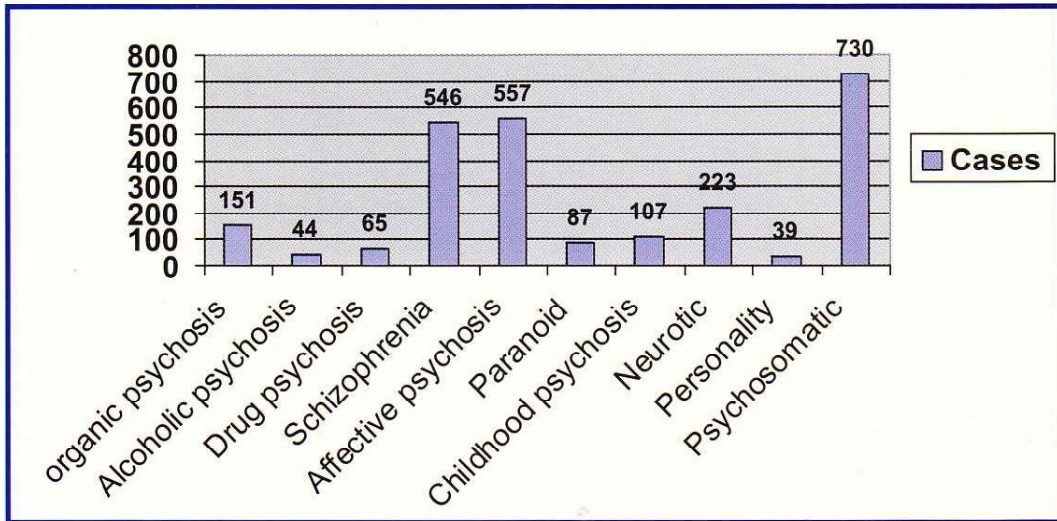


FIG 2: Improvement Indices of Behavioral Disorders

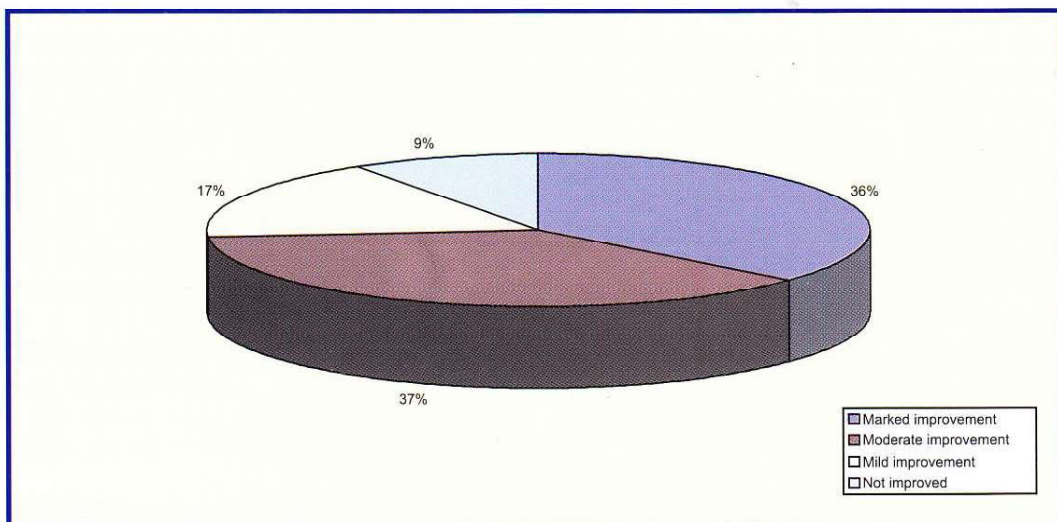


FIG1: PRESENTING SYMPTOMS

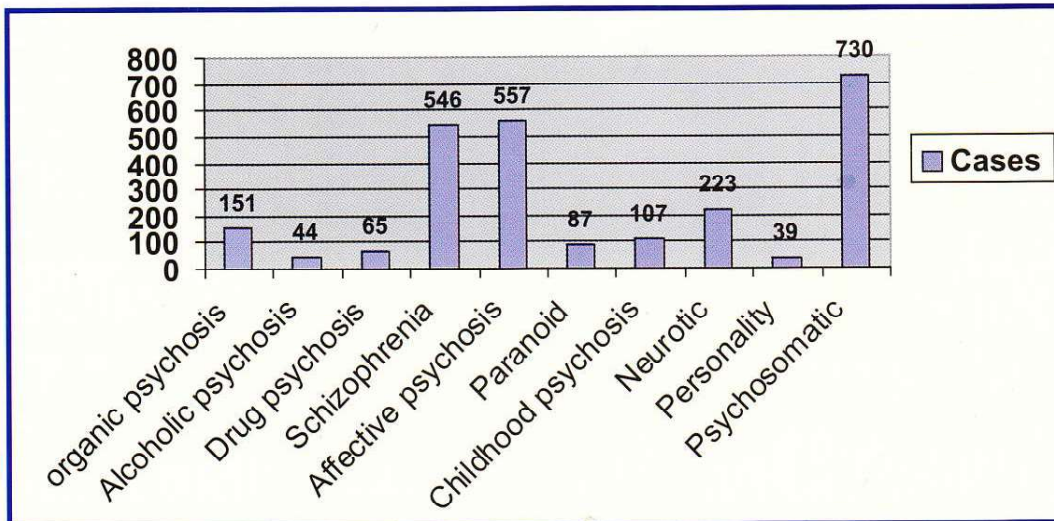
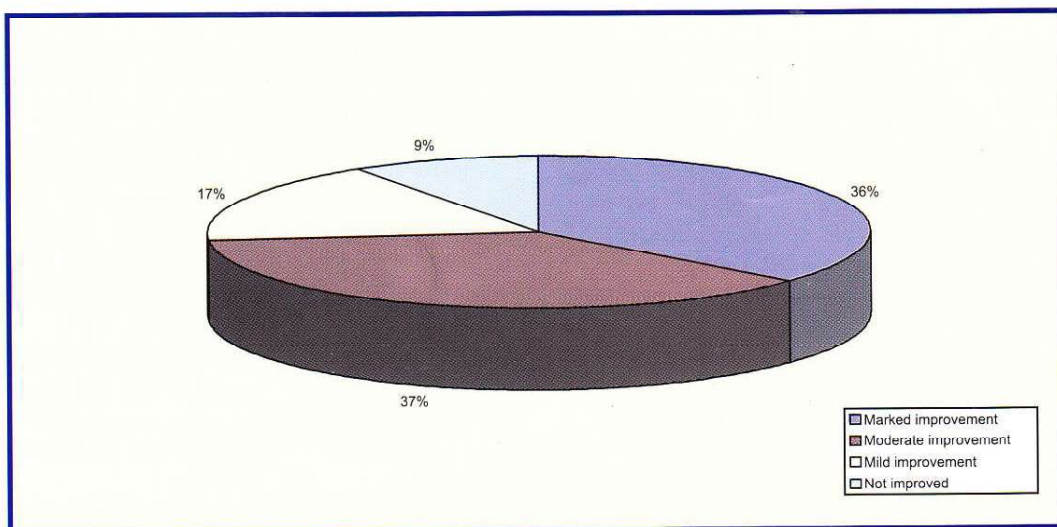


FIG 2: Improvement Indices of Behavioral Disorders



Natrum muriaticum	30, 200, 1M	24	12	50%
Nux vomica	30, 200, 1M	54	19	35%
Natrum sulph	30, 200, 1M	29	16	55%
Phosphorus	30, 200, 1M	15	7	47%
Psorinum	200, 1M	14	4	28%
Pulsatilla	30, 200, 1M	54	17	31%
Rhus toxicodendron	30, 200	31	11	35%
Sepia	30, 200	11	5	45%
Spongia tosta	30	21	5	23%
Stramonium	30, 200	19	7	37%
Syphilinum	200, 1M	29	9	31%
Sulphur lotum	200, 1M	74	29	39%
Sanguinaria	30	5	2	40%
Silicea	200, 1M	14	7	50%
Tarentula Hispania	30	5	2	40%
Thuja	200, 1M	12	3	25%
Thyroidinum	200, 1M	16	8	50%
Tuberculinum	200, 1M	29	12	41%

Improvement Indices of all the Behavioral Disorders - Cumulative (2549 cases):

Level of Improvement	No. of cases	% of total number of cases (2549)
Cure	0	0%
Marked improvement	908	36%
Moderate improvement	954	37%
Mild improvement	445	17%
Not improved	242	9%

Discussion :

Out of 2549 case studied 151 cases were of Senile and pre-senile organic psychotic condition, 44 cases of Alcoholic Psychosis, 65 cases of Drug Psychosis, 546 cases of Schizophrenia, 557 cases of Affective Psychosis, 87 cases of Paranoid Disorder, 107 cases of Psychosis with origin specific to childhood, 223 cases of Neurotic disorder, 39 cases of Personality disorder and 730 cases of Psychosomatic disorders.

Out of 2459 treated 908 (36%) cases were markedly improved, 954 (37%) cases moderately improved, 445 (17%) cases were mildly improved and 242 (9%) cases did not show any improvement.

Conclusion :

The more frequently indicated drugs and those found efficacious in relieving the symptoms of various Behavioral Disorders ranging from mild to marked improvement were Arsenicum album, Calcarea carbonica, Gelsemium, Hepar sulph, Ignatia, Hyoscyamus, Natrum muriaticum, Phosphorus, Pulsatilla, Sulphur and Tuberculinum.

Bibliography :

1. Consolidated report on Behavioural Disorders of CRI (H) Kottayam
2. Harison's Principles of Internal Medicine
3. Davidson's Principles and Practice of Medicine