



EFFICACY OF HOMEOPATHIC TREATMENT IN TREATING COVID-19 PATIENTS AND ITS IMPACT ON GENDERS

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ABSTRACT

Aims To identify the Efficacy of Homeopathic Treatment in COVID-19 patients by gender-based analysis, and which gender responds to homeopathic treatment. **Methods** In a Dr.Akb's Mission Homeopathic Hospital-Kozhikode (Calicut) in an isolation ward, 1078 patients were admitted with the confirmed RTAPCR report of COVID-19 and received homeopathy treatment. The patient's geographic area, demographic details, history of contact with the COVID-19 virus, symptoms, severity of COVID-19, severity score, co-morbid conditions, and Complete Curing Time (CCT) were observed, and recorded. Homeopathic formulations such as Arsenicum album, Sulphur dilution, Nux vomica, Stannum bryonia, Antimonium tartaricum, and Kali bichromicum were used in these 1078, COVID-19 patients. Statistical significance was found using SPSS version 20.0. Median (Min, Max), Frequencies with percentages, and Chi-square test were done. A p-value of <0.05 was considered statistically significant. **Results** Out of 1078 COVID-19 patients males were 434 4.3% of females 644 59.7% higher number of patients were from urban areas. Secondary contact was higher in the population. Moderately infected with COVID-19 were higher. Fever was the highest symptom in COVID-19 patients.. Primary contact with the COVID-19 virus was high in males and secondary contact was high in females (<0.00001). COVID-19 symptoms were found high in females than in males (0.0004). Lesser co-morbidities were seen in the studies subjects but were high in females than in males (0.0278). Fever was the highest symptom followed by headache among COVID-19 patients treated with homeopathic medicines (<0.00001). Among tested severity scores fever (57.0%), sore throat 53.3%, and body pain 63.6% were the highest severity score symptoms. On day 1 and day 2 higher percentage of COVID-19 patients were completely cured, in which females responded to the homeopathic treatment very effectively than males (0.0496). Within 5 days all the 1034 symptomatic COVID-19 patients recovered by homeopathic treatment in both genders (0.0002). Symptoms such as fever headache, cough, weakness, sore throat, body pain, and breathing difficulties were healed in a higher percentage within ≤ 3 days in both genders (<0.00001). GI discomforts were also healed in a higher percentage within ≤ 3 days in both genders (<0.0037). **Conclusions** Homeopathy treatment in COVID-19 patients is very effective in bringing the complete cure (without the symptoms) in short days of treatment. Females responded very effectively than males. No death occurred in COVID-19 patients due to homeopathic treatment. Even, though we believe that vaccination for COVID-19 is the end of the epidemic of 2019, for future epidemics homeopathic treatment will be the best choice along with any discipline of medicine to face and win the battle against any bio-product of diseases.

KEYWORDS : COVID-19, Homeopathy, Complete Curing Time (CCT), Arsenicum album, Nux vomica, Stannum bryonia, Kali bichromicum.

INTRODUCTION

SARS-CoV-2-caused coronavirus illness 2019 (COVID-19) spread quickly among an immune-compromised population and unprepared healthcare institutions, many lives were lost due to the COVID-virus¹. As of January 19th, 2021, the pandemic had so far resulted in 93,805,612 cases and 2,026,093 fatalities, and Homeopathy has been used in clinical research on acute encephalitis syndrome and dengue as an addition to standard therapy in tertiary care settings².

COVID-19's widespread multiple symptoms, multi-organ involvement, and wide range of illness severity from asymptomatic to symptomatic mild, moderate, and severe intensity of COVID-19 pandemics, needing intensive care treatment, and multiple deaths, have made COVID-19 undoubtedly confounded the medical establishment and medical emergency across globe³.

The medical community has been baffled by the COVID-19 pandemic due to its widespread deaths all over the world, and no specific treatment or vaccine made the world proclaim that COVID-19 is the largest and lengthiest pandemic⁴. Various homeopathic remedies were also recommended for the prevention and treatment of COVID-19 in a study published by Ali I et al⁵.

Homeopathy is a well-liked supplementary medical approach that has historically been used to combat epidemic outbreaks⁶. Adjunct homeopathy can be helpful for the therapy of COVID-19 patients in an integrated manner in the lack of particular anti-virals⁷. Homeopathy in dengue

hemorrhagic fever results in an early platelet improvement⁸.

Disease's pathogenesis and homeopathic medicines response to diseases were explained by Ahmad, R., et al, an internal bodily equilibrium or homeostasis is maintained by elemental forces like air or energy. Instead of being suppressed, symptoms are signs of the body's attempt to heal itself by altering its essential energies. Diseases are characterized by symptomatic patterns, which have a strong influence on efforts at self-regulation⁹.

Homeopathic treatments rebuild vital physical power, advancing recovery. In addition to homeopathy, there may be less need for antipyretics as a result of a greatly accelerated period for fever clearance¹⁰. Symptoms including dyspnea, sputum production, weariness, and headache have reportedly been seen often in individuals who experience fatal results¹¹.

The integrated strategy yielded similar hopeful outcomes in the treatment of infectious disorders including dengue¹². The outcomes of the homeopathic therapy were outstanding, especially when compared to the restricted treatments provided by conventional medicine for COVID-19, especially in the most severe form of the condition¹³.

With varying degrees of success, homeopathy has been used to treat and prevent epidemics of cholera, the Spanish flu, dengue, chikungunya, acute encephalitis syndrome¹⁴. Mortality rates for patients treated with homeopathy were 1%-2% compared to a 30%-60% mortality rate for those treated

with conventional medicines¹⁵. Homeopathy is a stand-alone treatment for mild and moderate instances. Adjunct homeopathic management of patients receiving normal therapy can help them heal more quickly, have better clinical results, and avoid deaths¹⁶.

Randomized controlled studies have confirmed the optimistic preliminary findings and promote the use of evidence-based reasoning for determining the function of homeopathy in the treatment of COVID-19, thereby introducing a potent, reliable, and secure therapy alternative homeopathic treatment¹⁷.

Homeopathy was the best traditional medicine in the past history for multitudes were infected by scarlet fever in the 1800 centuries¹⁸. Studies are the event that homeopathic medicines were the best choice in every day from the day homeopathic therapy was invented, homeopathic medicines treated several patients with malaria¹⁹. In the years 1980-1999 homeopathic medicines were the best choice for Spanish influenza²⁰.

Homeopathic treatments were the best approach for leptospiral infections also²¹. Homeopathic treatment was the best medicine for Chikungunya fever also in the years 2000 onwards²². Reports have been published that even Dengue fever was also treated completely without side effects by homeopathic medicines²³.

Respiratory tract infections and pneumonia are treated well by homeopathic treatments²⁴. History is evident, that homeopathy was used as traditional medicine in Europe and several countries across the globe in the past several pandemics, even during the 2019 pandemic COVID-19, it is the event that homeopathy played a great role in healing patients infected with COVID-19²⁵.

With this above background, this study aims to show the efficacy of homeopathic treatment in COVID-19 patients, and gender-based analysis to show the impact of homeopathy treatment on the genders of COVID-19 patients.

Ethical clearance

The study was informed to the Institutional Ethical Committee board and received the ethical clearance to conduct the study.

Conflicts-None

Funding-None

Inclusion criteria

The patients were admitted to the Isolation ward after the confirmed diagnostic report of Real-Time Polymerase Chain Reaction (RTPCR) for COVID-19 for the 6 months from March 2021 to August 2021.

Exclusion criteria

Infants, pregnant, and moribund patients were excluded from this study.

MATERIALS AND METHODS

Methodology

Study Subjects

This is an observational study of 1078 COVID-19 patients who received homeopathy treatment. (Male: Female 434:644).

Clinical details and Sample collection

A total of 1078 COVID-19 patients (with confirmed RTPCR reports) were admitted to an isolation ward of Government Homeopathic Medical College and Hospital, Trivandrum. These 1078 patient's details such as geographical area of their residence as rural, urban, age, gender, history of contact with COVID-19 virus such as primary contact or secondary contact, symptoms such as fever, headache, cough, weakness, sore throat, body pain, Gastro-Intestinal (GI)

difficulty, and breathing difficulty, the severity of COVID-19 such as mild, moderate, and severe. The severity score was also observed and recorded as a severity score with a 1-5 Likert scale, co-morbid conditions, and Complete Curing Time (CCT) from day 1 to day 6 was observed, and recorded.

Homeopathic Formulation and Treatment

We have categorized the 1078 patients into first symptomatic and asymptomatic. Out of 1078, patients, 1034 COVID-19 patients were symptomatic, and hence these 1034 patients received homeopathic treatment. Based on the symptoms,

- i. Patients with fever, headache, body pain, and weakness patients received arsenicum album and stannum bryonia both every 2 hours.
- ii. Patients with fever, cough, sore throat, and breathing discomfort received arsenicum album, and kali bichromicum, first every 2 hours, and later at every 4 hours.
- iii. Patients with fever, body pain, GI discomfort, and sore throat, received sulphur dilution at every 4 hours.
- iv. Patients with fever, and GI discomfort, received nux vomica at every 4 hours.
- v. Patients with fever, breathing difficulty, and cough received antimonium tartaricum, arsenicum album, and kali bichromicum at every 4 hours²⁶⁻³².

Analysis

Out of 1078, admitted COVID-19 patients, 1034 patients were symptomatic and received homeopathic treatment based on their symptoms. The patients were analyzed based on their gender for the severity of COVID-19 disease, contact with the COVID-19 virus, COVID-19 symptoms, and presence of Co-morbidities, and results were recorded.

The severity of each COVID-19 symptom was measured using a 1-5 Likert scale, with 0 measuring to the absence of symptom and 5 as a severe symptom. The colour representation of severity scores -50.1% to 100% as red, 25.1% to 50% as yellow, 1% to 25% as green, and recorded. Complete Curing Time was recorded, when the patient is completely recovering from the symptoms when the patient was admitted to the hospital, and the days of complete curing time were noted. The recorded complete cutting time was analyzed based on their genders.

Statistical Analysis

The data was analyzed using SPSS version 20.0. Frequencies and proportions were given for categorical variables. A Chi-square test was performed to test the statistical significance between the groups respectively. A p-value of <0.05 was considered statistically significant.

RESULTS

A total of 1078 COVID-19 patients were admitted after confirmed RTPCR report, patient's geographic area, demographic details, history of contact with the COVID-19 virus, symptoms, severity of COVID-19, severity score, co-morbid conditions, and Complete Curing Time (CCT) were observed and recorded. 3

Table 1 shows the basic profile of COVID-19 patients receiving Homeopathic Treatment. Out of 1078 patients who received homeopathic treatment 863 (80.1%) were from urban areas and 215 (19.9) were from rural areas. Out of 1078 patients males 434 (40.3%) females 644 (59.7%).

Of the 1078 patients, 316 (29.3%) acquired COVID-19 through primary contact, secondary contact was 762 (70.7%), we calculated the severity of COVID-19 infection and found a higher number of patients moderately infected with COVID-19 with 724 (67.2%), mild were 285 (26.4%) and severe were 69 (6.4%) (**Table 1**).

The 1078 COVID-19 patients were observed with various symptoms among 1078 patients 755 (70.0%) were observed with fever headache was found in 540 (50.1%) cough found in 485 (44.9%), weakness in 430 (39.9%), sore throat found in 319 (29.6%), body pain found in 319 (29.6%) COVID-19 patients, GI difficulty found in 257 (23.8%), breathing difficulty found in 122 (11.3%). Among the 1078 patients, a few patients were recorded with co-morbidities 114 (10.6%), and among the co-morbidities 87 (8.1%) were obese, and 27 (2.5%) were diabetic (Table 1).

Table 1: Basic Profile of COVID-19 patients receiving Homeopathic Treatment

Variables	No (%)
Geographic Areas	
Urban	863 (80.1)
Rural	215 (19.9)
Gender	
Male	434 (40.3)
Females	644 (59.7)
Contact with COVID-19 virus	
Primary Contact	316 (29.3)
Secondary Contact	762 (70.7)
Severity of COVID-19	
Mild	285 (26.4)
Moderate	724 (67.2)
Severe	69 (6.4)
COVID-19 Symptoms	
Fever	755(70.0)
Headache	540 (50.1)
Cough	485 (44.9)
Weakness	430 (39.9)
Sore Throat	319 (29.6)
Body Pain	319 (29.6)
GI Difficulty	257 (23.8)
Breathing Difficulty	122 (11.3)
Co-morbid conditions	
No co-morbidities	964 (89.4)
Presence of co-morbidities	114 (10.6)
Co-morbidities	
Obesity	87 (8.1)
Diabetes Mellitus	27 (2.5)

Table 2 describes the impact of COVID-19 diseases in patients receiving homeopathic treatment based on gender. Among the 1078 patients, 285 patients were observed with mild COVID-19 symptoms among them males 128 (44.9%), and females 157 (55.1%). Among 724 patients who were observed with moderate symptoms of COVID-19, males 288 (39.8%), and females 436 (60.2%). Of 69, COVID-19 patients with severe symptoms, males 18 (26.1%), and females 51 (73.1%) with a statistical significance of (0.013)

A total of 316 patients were infected with COVID-19 through primary contact among them 282 were males (89.2%), females 34 (10.8%) with a statistical significance of (<0.00001). A total of 762 patients were infected by COVID-19 by secondary contact 152 (19.9%) were males, and 610 (80.1%) were females with a statistical significance of (<0.00001). A total of 1034 patients were observed with COVID-19 symptoms, among them, 405 (39.2%) were males, females 629 (60.8%) with statistical significance of (0.0004) whereas 44 patients were without symptoms with a confirmed report of RTPCR for COVID-19, among them 29 (69.9%) were males 15 (34.1%) with statistical significance of (0.0004) (Table 2).

Among the 1034 patients who were observed with COVID-19 symptoms, and received homeopathy treatment, 405 (39.2%) were males, and females 629 (60.8%), with statistical significance of (0.0004), among the 44 patients who were asymptomatic for COVID-19, males were 29 with 65.9%, and

females were 15 (34.1%) with statistical significance of (0.0004) (Table 2).

Among the 114 COVID-19 patients, who were with co-morbidities, 35 (30.7%) were males, and 79 (69.3%) were females with a statistical significance of (0.0278), among the 964, COVID-19 patients without co-morbidities, males were 399 (41.4%), and females were 565 (58.6%) with statistical significance of (0.0278) (Table 2).

Table 2: Impact of COVID-19 Diseases on patients receiving Homeopathic Treatment (Gender-based Analysis)

COVID-19 Diseases Profile	Variables	Male (n=434)	Female (n=644)	P value
		N (%)	N (%)	
Severity of COVID-19 disease	Mild (n=285)	128 (44.9)	157 (55.1)	0.064
	Moderate (n=724)	288 (39.8)	436 (60.2)	0.645
	Severe (n=69)	18 (26.1)	51 (73.9)	0.013*
Contact with COVID-19 virus	Primary Contact (n=316)	282 (89.2)	34 (10.8)	<0.00001 *
	Secondary Contact (n=762)	152 (19.9)	610 (80.1)	<0.00001 *
COVID-19 symptoms	Present (n=1034)	405 (39.2)	629 (60.8)	0.0004*
	Absent (n=44)	29 (65.9)	15 (34.1)	0.0004*
Presence of Co-morbidities	Present (n=114)	35 (30.7)	79 (69.3)	0.0278*
	Absent (n=964)	399 (41.4)	565 (58.6)	0.0278*

We further analyzed, based on gender the symptoms of COVID-19 patients receiving homeopathic treatment, and presented them in Table 3. We found that 755 patients were with fever, out of which, 236 were males, and 519 were females with a statistical significance of <0.00001, the headache was reported by 540 patients, out of which, 97 were males, and 443 were females, with a statistical significance of <0.00001, the cough was reported by 485 patients, in the males were 324, and females were 161 with statistical significance of <0.00001, sore throat was found in 319 patients, among them 65 were males, and 254 were females with statistical significance of <0.00001, GI difficulty was found in 257 patients, among them 98 were males, and 159 were females, and breathing difficulty was found in 112 patients, in them, 77 were males, and 35 females with statistical significance of <0.00001 (Table 3).

Table 3: Gender-based distribution of COVID-19 Symptoms in patients receiving Homeopathic Treatment

Symptoms (n=1034)	Male (n=405)	Female (n=629)	P value
	N (%)	N (%)	
Fever (n=755)	236 (31.3)	519 (68.7)	<0.00001 *
Headache (n=540)	97 (18.0)	443 (82.0)	<0.00001 *
Cough (n=485)	324 (66.8)	161 (33.2)	<0.00001 *
Weakness (n=430)	119 (27.7)	311 (72.3)	<0.00001 *
Sore Throat (n=319)	215 (67.4)	104 (32.6)	<0.00001 *
Body Pain (n=319)	65 (20.4)	254 (79.6)	<0.00001 *
GI Difficulty (n=257)	98 (38.1)	159 (61.9)	0.6947
Breathing Difficulty (n=112)	77 (68.7)	35 (31.3)	<0.00001 *

We wanted to further analyze the severity of each infection in COVID-19 patients receiving homeopathy treatment as represented in Table 4. The severity of each COVID-19

symptom was measured using a 1-5 Likert scale, with 0 measuring the absence of symptom and 5 as a severe symptom. The colour representation of the severity score -is 50.1% to 100% as red, 25.1% to 50% as yellow, and 1% to 25% as green.

Among the 1078 COVID-19 patients, 1034 patients receiving homeopathy treatment were symptomatic, among them 755 were with fever, among 755 COVID-19 patients with fever, severity score-1 was 183 (24.2%), severity score 2 was in 430 (57.0%), score 3 in 99 (13.1%), and 43 (5.7%) patients showed severity score 4. 540 COVID-19 patients were with symptom headache, among them severity score-1 were 164 (30.8%), severity score 2 were in 215 (39.8%), severity score 3 in 110 (20.4%), and 51 (9.4%) patients showed severity score 4 (Table 4).

485 patients receiving homeopathy treatment experienced cough, among them severity score 1 was in 154 (31.7%), severity score 2 was in 237 (48.9%), severity score 3 in 52 (10.7%), 31 (6.4%) patients showed severity score 4, and severity score 5 was in 11 (2.3%). 430 patients experienced weakness, among them severity score of 1 was in 65 (15.1%), a severity score of 2 in 140 (32.6%), a severity score of 3 in 193 (44.9%), and 32 (7.4%) patients showed severity score 4 (Table 4).

319, COVID-19 patients with a sore throat, among them severity score 1 was in 170 (53.3%), severity score 2 was in 91 (28.5%), severity score 3 in 39 (12.2%), and 19 (6.0%) patients showed severity score 4. Body pain was experienced in 319 patients receiving homeopathic treatment, among them severity score 1 was 202 (63.3%), and severity score 2 was 117 (36.7%) (Table 4).

257, COVID-19 patients with GI difficulty, among them severity score of 1 were in 64 (24.9%), a severity score of 2 in 107 (41.6%), and a severity score of 3 in 86 (33.5%). 112, patients receiving homeopathy treatment showed breathy difficulty, among them severity score 1 was in 56 (50.0%), severity score 2 was in 28 (25.0%), severity score 3 in 20 (17.9%), and severity score 4 were in 8 (7.1%) (Table 4).

Table 4: COVID-19-Symptoms Severity Score (COVID-19-SSS) in patients receiving Homeopathic Treatment

Symptoms	Severity Score	N (%)	Colour Representation of Severity
Fever (n=755)	1	183 (24.2)	24.2%
	2	430 (57.0)	57.0%
	3	99 (13.1)	13.1%
	4	43 (5.7)	5.7%
Headache (n=540)	1	164 (30.8)	30.8%
	2	215 (39.8)	39.8%
	3	110 (20.4)	20.4%
	4	51 (9.4)	9.4%
Cough (n=485)	1	154 (31.7)	31.7%
	2	237 (48.9)	48.9%
	3	52 (10.7)	10.7%
	4	31 (6.4)	6.4%
	5	11 (2.3)	2.3%
Weakness (n=430)	1	65 (15.1)	15.1%
	2	140 (32.6)	32.6%
	3	193 (44.9)	44.9%
	4	32 (7.4)	7.4%
Sore Throat (n=319)	1	170 (53.3)	53.3%
	2	91(28.5)	28.5%
	3	39 (12.2)	12.2%
	4	19(6.0)	6.0%

Body Pain (n=319)	1	202 (63.3)	63.3%
	2	117 (36.7)	36.7%
GI Difficulty (n=257)	1	64 (24.9)	24.9%
	2	107 (41.6)	41.6%
	3	86 (33.5)	33.5%
Breathing Difficulty (n=112)	1	56 (50.0)	50%
	2	28 (25.0)	25%
	3	20 (17.9)	17.9%
	4	8 (7.1)	7.1%

We additionally analyzed the Complete Curing Time (CCT) of the COVID-19 patients who received homeopathy treatment, as illustrated in Table 5.

Out of 1078 COVID-19, patients, 458 patients were healed without any previously reported COVID-19 symptoms, out of 458 patients, 188 were males and 270 females, on the second day, 319 patients healed males were 114 and females were 205 with statistical significance of 0.0496. On the 3rd day, a total of 197 patients healed, and among them 75 were males, and 122 were females (Table 5).

On the fourth day of their admission for the infection of COVID-19, 79 patients healed, 38 were males, and 41 were females. On the fifth day, the remaining 25 patients out of 1078, healed with 25 males, and 6 females with a statistical significance of 0.0002. All the 1978 patients healed within 5 days of admission for COVID-19. A higher number of female patients responded well to the homeopathy treatment (Table 5).

We advanced our analysis further in the gender-based distribution of Complete Curing Time (CCT) as ≤3 days and ≥3 days in COVID-19 disease received Homeopathic Treatment. Out of 1078, COVID-19 study patients, 1034 experienced various symptoms of COVID-19, among them 755 patients had a fever, and in the 687 (91.0%) patients healed ≤3 days, among them males were 204 (86.4%), and females were 483 (93.1%) with a statistical significance of <0.00001. 68 patients were without symptoms in ≥ 3 days, among them males 32 (13.6%), and females were 36 (6.9%) (Table 5).

540 patients had headaches, among them, 474 (87.8%) patients healed ≤3 days, among them males were 72 (74.2%), and females were 402 (90.8%) with a statistical significance of <0.00001. 66 patients were without symptoms in ≥ 3 days, among them males 25 (25.8%), and females were 41 (9.2%) (Table 5).

Among the 485 COVID-19 patients who received homeopathy treatment had coughs, among them 409 (84.3%) patients healed ≤3 days, among them males were 273 (84.3%), and females were 136 (84.5%) with a statistical significance of <0.00001. 76 patients were healed in ≥ 3 days, among them males were 51 (15.7%), and females 25 (15.5%) with statistical significance of <0.00001. Among the 430 patients who had a cough, 365 (84.9%) patients healed ≤3 days, in the males were 99 (83.2%), and females were 266 (85.5%) with a statistical significance of <0.00001. 65 patients were healed in ≥ 3 days, among them males were 20 (16.8%), and females were 45 (14.5%) (Table 5).

Among the 319 patients with sore throat who received homeopathy treatment who are COVID-19 patients, 247 (77.4%) patients healed ≤3 days, in the males were 168 (78.1%), and females were 77 (74.0%) with a statistical significance of <0.00001. 72 patients were healed in ≥ 3 days, among them males 47 (21.9%), and females 27 (26.0%) with statistical significance of <0.00001. Among the 319 patients who had body pain, 259 (81.2%) patients healed ≤3 days, in the males were 52 (80.0%), and females were 207 (81.5%) with a statistical significance of <0.00001. 60 patients were healed

in ≥ 3 days, among them males 13 (20.0%), and females were 47 (18.5%) (Table 5).

Among the 257 COVID-19 patients with GI discomforts, 168 (65.4%) patients healed ≤3 days, in the males were 49 (50.0%), and females 119 (74.8%). 89 patients were healed in ≥ 3 days, among them males were 49 (50.0%), and females were 40 (25.2%). Among the 112 patients who had breathing difficulty, 92 (82.1%) patients healed ≤3 days, in the males were 61 (79.2%), and females were 31 (88.6%) with a statistical significance of <0.00001. 20 patients were healed in ≥ 3 days, among them males were 16 (20.8%), and females were 4 (11.4%) with statistical significance of <0.000158 (Table 5).

Table 5: Gender-based distribution of Complete Curing Time (CCT) in COVID-19 Disease receiving Homeopathic Treatment

Symptoms	Complete Curing Time (CCT)	Complete Curing Patients (CCP) N (%)	Male (n=405) N (%)	Female (n=629) N (%)	P value
Healing Time (HT) or Complete Curing Time (CCT)	1 day	n=447 (43.2)	181 (40.5)	266 (59.5)	0.6500
	2 days	n=309 (29.9)	108 (35.0)	201 (65.0)	0.0496 *
	3 days	n=189 (18.3)	71 (37.6)	118 (62.4)	0.488
	4 days	n=64 (6.2)	29(45.3)	35 (54.7)	0.1398
	5 days	n=25 (2.4)	19 (76.0)	6 (24.0)	0.0002 *
	6 days	n=0 (0)	0	0	0
Fever (n=755)	≤3days	n=687 (91.0)	204 (86.4)	483 (93.1)	<0.00 001 *
	≥3days	n=68 (9.0)	32 (13.6)	36 (6.9)	0.1679
Headache (n=540)	≤3days	n=474 (87.8)	72 (74.2)	402 (90.8)	<0.00 001 *
	≥3days	n=66 (12.2)	25(25.8)	41 (9.2)	0.824
Cough (n=485)	≤3days	n=409 (84.3)	273 (84.3)	136 (84.5)	<0.00 001 *
	≥3days	n=76 (15.7)	51(15.7)	25 (15.5)	<0.00 001 *
Weakness (n=430)	≤3days	n=365 (84.9)	99(83.2)	266 (85.5)	<0.00 001 *
	≥3days	n=65 (15.1)	20(16.8)	45 (14.5)	0.1518
Sore Throat (n=319)	≤3days	n=247 (77.4)	168 (78.1)	77 (74.0)	<0.00 001 *
	≥3days	n=72 (22.6)	47 (21.9)	27 (26.0)	<0.00 001 *
Body Pain (n=319)	≤3days	n=259 (81.2)	52(80.0)	207 (81.5)	<0.00 001 *
	≥3days	n=60 (18.8)	13(20.0)	47 (18.5)	0.0042 *
GI Difficulty (n=257)	≤3days	n=168 (65.4)	49 (50.0)	119 (74.8)	0.0037 *
	≥3days	n=89 (34.6)	49 (50.0)	40 (25.2)	0.0013 2*
Breathing Difficulty (n=112)	≤3days	n=92 (82.1)	61(79.2)	31 (88.6)	<0.00 001 *
	≥3days	n=20 (17.9)	16 (20.8)	4 (11.4)	<0.00 0158*

DISCUSSION

We treated the COVID-19 patients with homeopathic solution based on their symptoms, in our study, out of 1078 patients, 1034 patients were symptomatic, and 44 were asymptomatic, we treated only the symptomatic COVID-19 patients, found complete curing time when there is the absence of symptoms, and as per Kalliantas, D., et al study, the homeopathic

treatment is individualized therapy, in which symptom based treatment is the secret of the curing a patient without side-effect or without mutating emergences³³.

We found that higher numbers of patients recovered (without symptoms) in ≤ 3 days, our result was compatible with Kurd, R., et al study³⁴. A published article by Islam, M. M., also states that 40,000 COVID-19 patients were treated by 18 homeopathic physicians with homeopathic treatment in Bangladesh, 795 patients were healed by a single product of arsenic album, for a minimum of 6 days, and a maximum of 23 days, in our study also, we used the arsenic album to treat the patients, and 90% of the patients healed within 5 days³⁵.

A published study explains that homeopathic medicines are the best choice of alternative medicines for SARS and H1N1 influenza, and as COVID-19 is a mutate of SARS, and H1N1, the homeopathic treatment has a great positive impact on COVID-19 in treating the patients infected with COVID-19, and able bring a great extend of recovery in COVID-19 patients with homeopathic treatment, and our present study reports 90% recovery of COVID-19 patients within 5 days with homeopathic treatment³⁶.

Valeri, A et al also reported that positive COVID-19 patients were treated with homeopathic treatment and very effectively recovered, in our study also, all the COVID-19 patients were healed by homeopathic medicines, and women responded to homeopathic medicine very effectively than males³⁷.

In an Iranian study, a small percentage of COVID-19 patients were treated with homeopathic treatment, and all of them recovered from COVID-19, in our study also, we also found that all the COVID-19 patients treated with homeopathic medicines, were recovered completely³⁸.

Mildly COVID-19 patients were treated with homeopathic treatment and recovered in a study by To, K. L. A., et al, but the author did not present a gender-based analysis, but in our present study, we found 285 mild COVID-19 patients were treated with homeopathic treatment and found all the patients recovered within 5 days, we also presented the gender-based data³⁹.

Homeopathic medicines will support the whole world, humans to combat any pandemics in the future, and will protect any human from global bio-catastrophe; we also found that all the patients recovered from COVID-19 through homeopathic treatment⁴⁰.

India-controlled Chikungunya in Kerala also reported that the homeopathic medicines have cured several thousands of patients suffering from Chikungunya, and in our study, we found that the homeopathic treatment was very effective against COVID-19 also with 90% recovery in below 5 days⁴¹.

According to the reports of the World Health Organization (WHO), and American reports (AMRO/PAHO), 71% of the patients in Chile and 40% of the patients from Colombia used traditional medicine⁴². The WHO traditional medicine (TM) strategies of 2014 to 2023 were developed and the aims of these strategies were to support the population of any country to stay healthy⁴³.

Homeopathic treatment basement is the “like cures like” and “minimal dosage is effective”, and it the secret is that all the patients are recovered when homeopathic treatment is given, with no deaths, and no side effects.

CONCLUSION

Homeopathy treatment not only brings complete curing within a short time but also will prevent mutations. When we invented the vaccine for COVID-19, we found that the virus was able to

mutate into variants and finally into the Omicron variant. Homeopathy will completely prevent mutation. Homeopathic studies are great evident that no patient has died with homeopathic treatment, instead, all recovered in a short span. We feel we have won the battle against COVID-19, through vaccination, but we may face another bio-battle even worse than COVID-19, hence, we can prepare ourselves by joining hand and hand with allopathic, homeopathy, or any other discipline of medicine, which can cure or comfort a human who is in pain due to any potential bio-product.

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