Individualized homoeopathic treatment of phobic anxiety disorders – A case series

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Abstract
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Abstract

Introduction: Phobic anxiety disorders (PAD) are common distressing and disabling disorders that reduce the quality of life of an individual. Clinical trials of phobic disorders in conventional treatment are not yet substantiated with too many positive results. Homoeopathy is a well-established therapeutic system with potential relevance to psychiatry but has a limited database and its effectiveness in certain disorders such as Phobic disorders is yet to be explored. Cases of phobias, which have been cured in routine homoeopathic practice remain anecdotal. This case series generates preliminary evidence for the usefulness of homoeopathy in phobic disorders. Well planned research studies with calculated sample size and suitable study designs are necessary to corroborate the evidence. Cases Summary: A series of five case reports of PAD which were treated with homoeopathic medicines in OPD of National Homoeopathy Research Institute in Mental Health, Kottayam are presented here. Cases which were assessed for severity using American Psychiatric Association (APA) Severity Measures for Phobia-Adult at baseline and with a 1-year follow-up at periodic monthly interval are reported. Their baseline and monthly scores were analyzed, and results are summarized. The mean APA Phobia Severity measure value of the five cases i.e., 35 at baseline reduced to 0 (Asymptomatic) in an average duration of 8 months. The improvement continued steadily up to 12 months. Results point out preliminary evidence for utility of Homoeopathy in Phobic disorders and stimulate for further research in this area.

Keywords: Agoraphobia, American Psychiatric Association severity measure for phobia, Homoeopathy, Phobic anxiety disorders, Social phobia, Specific phobia

INTRODUCTION

Phobia is defined as “an irrational fear of specific object, situation or activity, often leading to persistent avoidance of the feared object, situation or activity.”[1] The word phobia originated from a Greek word “phobos,” meaning panic fear and terror.[2] ICD 10 classifies Phobic Anxiety Disorders (PAD-F40) under neurotic stress-related and somatoform disorders.[3] As per DSM V phobias are considered as a subtype of anxiety disorders.[4]

Phobic disorders are common distressing and disabling psychiatric disorders. The global burden of anxiety disorders represents 10.4% disability adjusted life years.[5] Lifetime prevalence of specific phobias around the world ranges from 3% to 15%.[6] Females have a high rate (2.4%) when compared to males (1.5%). The urban metro residents (3.8%) have the higher prevalence than rural area residents.[7] Social phobia is a serious mental health problem in India with an incidence of 2.79% and prevalence of 1.47%.[8]

The exact cause of PADs is not clear, but certain risk factors such as family history of depression, childhood abuse, low self-esteem, female sex, white race, years of education, number of traumatic experiences and disturbed family environment have been attributed.[4,9,10] Anxiety disorders are moderately heritable, highly complex and polygenic.[11] Malfunctioning of the amygdala and associated brain structure may give rise to phobias.[12]

Phobias are divided into three groups: Social phobia, specific phobia and agoraphobia.[3,4] Social phobia (social anxiety disorder) is characterized by the fear of being embarrassed or humiliated in front of others. The phobic stimuli are avoided or when not avoided, the individual feels severely anxious and uncomfortable.

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Specific phobia (Simple or Isolated phobia) is characterized by an excessive unreasonable fear of specific object or situations that always occurs on exposure to the feared stimulus.\textsuperscript{[13]} There are several kinds of specific phobias. Five main types of specific phobias based on focus of apprehension are acrophobia (fear of high places), zoophobia (fear of animals), astrophobia (fear of thunderstorm), hemophobia (fear of seeing blood), traumatophobia (fear of physical injury).\textsuperscript{[14]}

Agoraphobia is characterized by an irrational fear of being in places away from the familiar setting of home.\textsuperscript{[1]} The term “agoraphobia” translates literally from Greek as “fear of market place” and although many patients with agoraphobia are uncomfortable in shops and markets, their true fear is being separated from a source of security.\textsuperscript{[15]}

Phobia can cause serious life impairment, impaired social activity and reduce time and productivity at work.\textsuperscript{[14]} Phobic disorders can cause severe emotional distress, leading to anxiety disorders, depression, suicidal ideation and substance-related disorders, especially alcohol abuse or dependence.\textsuperscript{[16]}

There are several rating scales for measuring specific phobias.\textsuperscript{[17]} For ease of use, particularly for individuals with more than one anxiety disorder, scales have been developed by American Psychiatric Association (APA) to have the same format (but different focus) across the anxiety disorders, with rating of behavioral symptoms, cognitive ideation symptoms, and physical symptoms relevant to each disorder.\textsuperscript{[4]}

PAD are commonly treated by exposure-based therapy, applied tension, applied relaxation, cognitive therapy, benzodiazepines, selective serotonin reuptake inhibitor.\textsuperscript{[14]} Certain psychotherapy training modules consume long time with relapse in most of the cases, which in turn causes financial burden to the family. Most of the pharmaco-therapeutic interventions are associated with tolerance, dependence, relapses upon discontinuation and potential side effects.\textsuperscript{[14,18]} In this context safe and effective alternative treatment regimen should be explored in this area.

Homoeopathy is a system of medicine based on totality of symptoms and treatment is purely according to fixed principles.\textsuperscript{[19]} The database on studies of homoeopathy and psychiatry is very limited, but convincing results are reported with few studies.\textsuperscript{[20]} Homoeopathy can be useful in the treatment of social anxiety, restlessness and phobia.\textsuperscript{[14]} Homoeopathic materia medica and repertories quote number of remedies for “fear” and “phobia,” the clinical utility of these rubrics has been observed from time to time.\textsuperscript{[21-23]} A literature study identified 83 rubrics in the homoeopathic materia medica corresponding to symptoms of social phobia.\textsuperscript{[23]} A randomized, double-blind, placebo-controlled trial suggested that homoeopathic therapy can be used as an effective method to treat anxiety and depression disorders.\textsuperscript{[24]}

Some qualitative studies, clinical trials and meta-analyses have shown the effectiveness of homoeopathy as an adjuvant therapy in anxiety disorders.\textsuperscript{[24-26]} However, the specific utility in phobic disorders has not been explored yet and there is a scarcity of literature to show the usefulness of homoeopathic medicines in phobic disorders.

Five cases diagnosed as PAD (F-40 as per ICD-10) were of specific phobia (03), agoraphobia (01), and social phobia (01) which were treated with individualized homoeopathic medicines in the out-patient department of National Homoeopathy Research Institute in Mental Health (NHRIMH) collected by purposive sampling method are reported [Table 1]. A specialized case recording form for psychiatric cases was used to take the case completely in respect to presenting complaints, history, family history, premorbid personality, physical generals, mental generals and mental status examination. Totality of symptoms were erected after analysis and evaluation as per the Kentian method and repertorized with RADAR software (Version 10.0). Cases that were having comorbid physical or psychiatric illness, using psychotropic medicines and where rating scale was not applied, were excluded from the study. The cases were assessed using APA Severity Measures for Phobia—Adult, meant for Social or Specific or Agoraphobia respectively [Figure 1]. Cases with baseline data and monthly visits with a 1-year follow-up are analyzed and reported here. Three cases of specific phobia, one case of social phobia and agoraphobia each have been presented as case vignettes.

**Diagnostic assessment**

APA severity measure for phobia was administered in the consecutive follow-ups. The APA Severity assessment scale for phobic disorders’ scores in the follow-up visits are given in Table 2. The progress of the patient and the follow-up prescriptions are summarized in Table 3.

**Case Vignettes**

**Case 1**

A 20-year-old, female presented with intense fear of thunderstorm with headache and inability to sleep during rain and fear of going out in darkness in the past 10 years. Her mother was under psychiatric treatment and she had been residing in a psychiatric asylum for the last 15 years. The patient was always worried about her mother and gradually developed fears. Her father, sister and uncle had psychiatric illness.

She was affectionate, extroverted, inquisitive, thoughtful, and helping-natured girl. She needed company while sleeping. She lied on the right side while sleeping. Her bowel habit was irregular i.e., hard stool once in 3 days. She had disturbed sleep with fearful dreams; was ambithermal. She desired juicy refreshing things, milk and tea.

**Diagnosis**

Specific phobia (F40.2)-Astraphobia, (also known as astrapophobia, brontophobia, keraunophobia, or tonitrophobia) is an abnormal fear of thunder and lightning.

The first prescription was *Phosphorus* 30/1 dose on 14 May, 2019.
Case 2
A 48-year-old, female presented with fear of accidents with anxiety, palpitation and internal trembling of whole body while travelling, and fear of thunderstorm since 5 years. She had tremors while thinking about accidents. She also had a sensation of burning all over the body and chest discomfort for 1 year. Her complaints became worse after the death of her brother. Subsequently, she lost interest in social functions and concentration in household duties. Her father and brother had a history of psychiatric complaints. She had disturbed sleep. Desired fish, sweet and salt, and was better by eating. She was ambithermal, towards chilly. Premorbid personality characteristics were open minded, angered easily for least things, startling tendency, she had much anxiety about disease. She had fear of ghosts since her childhood. She avoided journey as far as possible and felt extremely uncomfortable if travel was unavoidable.

Diagnosis
Specific phobia- Dystychiphobia (is the excessive and irrational fear of accidents).

The first prescription was Natrum Carbonicum 30/1 Dose. (on 24 March, 2020).

Case 3
A 34-year-old male, presented with fear of snakes. He could not bear to see the pictures of a snake. He avoided going out in dark for fear of seeing a snake in his vicinity. He also complained
of fear of sleeping alone, fear of robbers and fear of driving in the past 3 years. He had moderate appetite and moderate thirst. Sleep was disturbed due to thoughts. The patient had cramping for food. He was thermally sensitive to heat. Premorbid personality characteristics included introverted, sensitive, empathetic, confident and easily angered. He was not able to continue his job anywhere for more than 3 months in the last 3 years, due to conflict at workplace. He was stressed about not being married yet.

Diagnosis
Specific phobia- Ophidiophobia (is the abnormal fear of snakes) and Amaxophobia (fear of driving).

The first prescription was Lycopodium 200/1 Dose (on 6 January, 2018).

Case 4
A 32-year-old female, presented with panic attacks and palpitation on going away from home. She had fear of crowd,

Table 2: APA Severity assessment scale for PAD scores in the follow-up

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Case-1</th>
<th>Case-2</th>
<th>Case-3</th>
<th>Case-4</th>
<th>Case-5</th>
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<td>37</td>
<td>32</td>
<td>36</td>
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<td>18</td>
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<td>25</td>
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<td>11</td>
<td>3</td>
<td>20</td>
<td>17</td>
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<td>15</td>
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<td>18</td>
<td>7</td>
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<tr>
<td>Month-7</td>
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<td>2</td>
<td>0</td>
<td>11</td>
<td>3</td>
</tr>
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<td>0</td>
<td>0</td>
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<tr>
<td>Month-12</td>
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<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

The first prescription: was Argentum Nitricum 30/1Dose (on 27 November, 2018).

Case 5
An 18-year-old female presented with fear of going into social places such as school, hospital, and temple. She had a lack of interest in studies and was not going to school due to fear for the last 1 month. Complaints started 3 years back when she was in the eighth standard. There were conflicts between her parents. She was tensed about that, became lazy for going to school and had difficulty in studying. She had not attended classes for fear of being alone, feared that something bad would happen, fear of going to toilet and closing door, fear of hospitals, fear of diseases, fear of heights. Patient used to work as an administrator in a school for 5 years. She had to discontinue the work after delivery of her first child because couldn’t attend the job in time. It created stress for her and complaints started after that. Physical symptoms were tiredness, headache, feeling of tightness all over the body, and pain all over the body. The symptoms kept on changing. She had undergone counselling and some therapies and found mild relief, but she couldn’t continue because of time and financial constraints. Discords at home worsened her panic attacks. Her husband was an alcoholic he did not support her. She had ravenous appetite, eating relieved her anxiety. Thirst was increased with dryness of the mouth. Bowels were regular but she could not pass stool if there was any mental tension. Frequent urination and decreased perspiration. She could tolerate extremes of temperature. Premorbid personality characteristics were: she was excellent in all extracurricular activities. She was studious and school topper. She was ambitious and hardworking person but has a lack of self-confidence and anticipatory anxiety before an examination, stage shows etc. She got married in 2010. Her husband did not work because of alcoholism, he sometimes abstained from sexual relationship. Diagnosis: Agoraphobia with Panic disorder (F40.01).

The first prescription: was Argentum Nitricum 30/1Dose (on 27 November, 2018).
2 months at that time. She attended a counselling session but didn’t find it helpful. She had fear of exams but she got 92.6% marks in the tenth standard. Complaints gradually increased when she joined class entrance examinations coaching. Her father and uncle had a history of psychiatric problems. She was sensitive with weeping tendency and easily frightened by slight noises. She had profuse perspiration in her palms. Desired salt and averse to chicken, beef, sweets. Thermal reaction was chilly. Diagnosis: Social phobia (F40.1).

The first prescription was Silicea 200/1 Dose (on 22 September, 2018).

Outcomes
The demographic data of the cases have been described in Table 1. The rubrics considered for prescribing and the repertorization charts are displayed in Figures 2-6. Final selection of medicine was based on totality of symptoms, potential differential field and reference to materia medica on the principle of individualization. Selected medicines were prescribed in centesimal potencies, single dose at a time and increasing potency when there was a stand still. Medicines were dispensed from the pharmacy of NHRIMH. Principles of posology were followed in first prescription and in the follow-up visits.

The mean APA Phobia Severity measure value of the five cases i.e. 35 at baseline reduced to 0 (asymptomatic) in an average duration of 8 months. The improvement continued steadily up to 12 months. The mean APA score for each individual symptom at baseline and average duration for turning “0” has been shown in Table 4.

Graphical representation of improvement in mean APA severity scale for phobia for the follow-up visits is shown in Graph no.1 [Figure 7] and the linear trend line for each case is shown in Graph 2 [Figure 8]. Individualized homoeopathic treatment lead to improvement in the phobic anxiety cases.

Discussion
In the above five cases, there was considerable difference in the phobic symptoms as well as in the general well-being of the patients after homoeopathic intervention. As the patients were not taking any other treatment or specific behavioral therapies during this 1-year period, the causality for the sustained improvement can be attributed to the prescribed homoeopathic medicines.

Although most phobias develop in childhood and adolescence, it is possible for phobias to develop at any age.[4] The average
Age at onset for these five cases is 25.8 (10–43). Persons with specific phobia were found to have more than one phobia, but the diagnosis is made on the most prominent and distressing one.

The probable aetiological risk factors elicited in these five cases were psycho-social issues such as parental deprivation, death of loved ones, isolation, discords between parents and domestic violence.

Two cases required acute prescription during this period for trauma and pyrexia. In our observation it required long term treatment for total relief of phobic symptoms. A single case report on specific phobia mentioned that *Aconite* 1M was useful in reducing phobic symptoms within 3 months. From this, it may be assumed that higher potencies may give speedy amelioration of phobic symptoms.
A meta-analysis mentioned that many available treatments for phobia involve direct confrontation with phobic target, those who are aware of the treatment may have apprehension to engage in them. A considerable number of phobic patients refuse exposure-based therapy due to fear of facing the feared object or situation.[28] Homoeopathy can be a safe and gentle alternative to such patients.

Specific phobia often precedes the onset of other mental disorders, making it a possible life indicator of psychopathology vulnerability.[29,30] Homoeopathic miasmatic treatment offers not only relief of suffering in phobias but also can prevent possible further transformation into serious disorders.

A randomized controlled trial comparing one session treatment to a parent-augmented one session treatment mentioned that parent augmentation of one session treatment produced no appreciable gain in treatment outcome.[31] Homoeopathy can be an effective alternative to alleviate the turmoil of patients suffering from phobias.

There is a need to learn how to better administer existing efficacious treatments in real-world health care environments and to test alternative therapies for treating and preventing anxiety disorders and help patients whose anxiety is resistant to conventional treatments.[32]

Till date controlled studies reportedly demonstrate the efficacy of psychopharmacologic intervention for specific phobia.[33] Hence, it is suggested to conduct large-scale, double-blind, placebo-controlled studies to investigate individualized homoeopathic treatments for phobic disorders.

**Conclusion**

This series of five cases advocates utilization of homoeopathy in managing phobic disorders. As internal validity of any case series studies is usually very low due to the lack of a comparator group exposed to the same array of intervening variables, randomized controlled trials are warranted to establish the effectiveness of homoeopathy in phobic disorders on more scientific basis. Long-term follow-up of cases may be required to study relapses, if any, after homoeopathic treatment.
Declaration of Patients Consent
The authors certify that they have obtained appropriate patient consents. In the consent form, the patients have given their consent for their images and other clinical information to be reported. The patients understand that their name and initials will not be published and due efforts will be made to conceal his identity, but anonymity cannot be guaranteed.

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Conflicts of interest
None declared.

REFERENCES
Tratamiento homeopático individualizado de los trastornos de ansiedad fóbica: una serie de casos

Introducción: Los trastornos de ansiedad fóbica (PAD) son trastornos comunes angustiantes e incapacitantes que reducen la calidad de vida de un individuo. Los ensayos clínicos de trastornos fóbicos en el tratamiento convencional aún no se han comprobado con demasiados resultados positivos. La homeopatía es un sistema terapéutico bien establecido con potencial relevancia para la psiquiatría, pero tiene una base de datos limitada y su efectividad en ciertos trastornos como los trastornos fóbicos aún no se ha explorado. Los casos de fobias, que se han curado en la práctica homeopática habitual, siguen siendo anecdóticos. Esta serie de casos genera evidencia preliminar de la utilidad de la homeopatía en los trastornos fóbicos. Se necesitan estudios de investigación bien planificados con un tamaño de muestra calculado y diseños de estudio adecuados para corroborar la evidencia.

Resumen de casos: Aquí se presenta una serie de cinco informes de casos de EAP que fueron tratados con medicamentos homeopáticos en el OPD del Instituto Nacional de Investigación de Homeopatía en Salud Mental, Kottayam. Se informan los casos cuya gravedad se evaluó mediante las medidas de gravedad de la fobia en adultos de la Asociación Estadounidense de Psiquiatría (APA) al inicio del estudio y con un seguimiento de 1 año en intervalos mensuales periódicos. Se analizaron sus puntajes iniciales y mensuales y se resumen los resultados. El valor medio de la medida de la gravedad de la fobia de la APA de los cinco casos, es decir, 35 al inicio del estudio se redujo a 0 (asintomático) en una duración promedio de 8 meses. La mejora continuó de manera constante hasta los 12 meses. Los resultados señalan la evidencia preliminar de la utilidad de la homeopatía en los trastornos fóbicos y estimulan la investigación adicional en esta área.
Traitement homéopathique individualisé des troubles d’anxiété phobique - Une série de cas

Introduction: Les troubles anxieux phobiques (TAP) sont des troubles courants, pénibles et invalidants, qui réduisent la qualité de vie d’un individu. Les essais cliniques des troubles phobiques dans le traitement conventionnel ne sont pas encore étayés par un trop grand nombre de résultats positifs. L’homéopathie est un système thérapeutique bien établi et potentiellement pertinent pour la psychiatrie, mais sa base de données est limitée et son efficacité dans certains troubles tels que les troubles phobiques reste à explorer. Les cas de phobies, qui ont été guéris dans la pratique homéopathique de routine, restent anecdotiques. Cette série de cas fournit des preuves préliminaires de l’utilité de l’homéopathie dans les troubles phobiques. Des études de recherche bien planifiées avec une taille d’échantillon calculée et des modèles d’étude appropriés sont nécessaires pour corroborer les preuves. Résumé des affaires: Nous présentons ici une série de cinq rapports de cas de PAD qui ont été traités avec des médicaments homéopathiques dans l’OPD du National Homoeopathy Research Institute in Mental Health, Kottayam. Les cas dont la gravité a été évaluée à l’aide des mesures de gravité de l’American Psychiatric Association (APA) pour la phobie chez l’adulte au départ et avec un suivi d’un an à intervalles mensuels périodiques sont rapportés. Leurs scores de base et mensuels ont été analysés, et les résultats sont résumés. La valeur moyenne de la mesure de la gravité de la phobie de l’APA pour les cinq cas, soit 35 au départ, a été réduite à 0 (asymptomatique) dans une durée moyenne de 8 mois. L’amélioration s’est poursuivie de manière régulière jusqu’à 12 mois. Les résultats indiquent des preuves préliminaires de l’utilité de l’homéopathie dans les troubles phobiques et stimulent la poursuite des recherches dans ce domaine.