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Individualised homoeopathic treatment for pilonidal sinus: A case report

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Abstract

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Individualised homoeopathic treatment for pilonidal sinus: A case report

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Abstract

Introduction: Pilonidal sinus is a very common inflammatory disease of the gluteal region. The most common site of occurrence is the natal cleft. It can cause discomfort, absence from work and social embarrassment. There is no single, widely accepted therapy available for this condition. In most cases, the treatment option for this disease is surgical intervention, but recurrences following surgery are common. Case Summary: A 15-year-old male patient reported discharge from the sinus cavity in the natal cleft along with pain and discomfort. Nitric acid, a homoeopathic medicine, was prescribed during the initial consultation and the patient was followed up for four months at regular intervals. The Visual Analog Scale and the Outcome Related to the Impact on Daily Living (ORIDL) scale were used to assess the patient’s subjective improvement. The signs of objective improvement were documented through photographs. The score for Modified Naranjo Criteria for Homoeopathy (MONARCH) was +8, which supports the causal attribution of the individualised homoeopathic medicine Nitric acid to the success of this case.

Keywords: Homoeopathy, Individualisation, Nitric acid, Pilonidal sinus

INTRODUCTION

Pilonidal sinus is an infection of the natal cleft that occurs beneath the skin. In healthy young adults, pilonidal illness is a frequent cause of morbidity and reduced productivity.[1] Simple cysts, acute abscesses with or without cellulitis and chronic draining sinuses are the common manifestations of pilonidal illness.[2]

Pilonidal sinus is a fairly prevalent anorectal issue that most frequently affects the hair follicles in the natal cleft of the sacrococcygeal region.[3] Data suggests a predominantly male prevalence, with a ratio of 4:1 affected males to females.[4] Due to their hirsute nature, men are believed to be at a higher risk.[5] It typically affects men between the ages of 15 and 30.[6] It happens infrequently beyond the age of 45.[6] The likelihood of developing pilonidal illness increases after puberty, and factors such as genetic predisposition (38%), local trauma (34%), being overweight (37%) and obesity (13%) are likely to play a role. In around 50% of patients, it presents as an acute abscess or as a painful oozing sinus.[4]

For pilonidal sinus (PNS), a variety of conventional therapeutic approaches are employed including incision and drainage, excision with primary closure, cryosurgery, phenol application, excision with open packing, excision with marsupialisation and most recently, flap surgery. However, the high likelihood of recurrence, the high rate of infection and the loss of productive work hours have rekindled interest in finding the best course of intervention.[6-8] Therefore, it is important to assess the role of affordable, well-accepted and alternative management strategies for this condition.

To avoid invasive intervention, many PNS sufferers choose homoeopathic treatment as a potential alternative mode of treatment, but their successful results in the form of case reports are not thoroughly documented. In this case, subjective as well as objective symptoms were systematically documented; the treatment outcome was assessed through validated scales such as VAS and Outcome Related to the Impact on Daily Living (ORIDL) and causal attribution was done using Modified

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Naranjo Criteria for Homeopathy (MONARCH).[9-11] The Visual Analog Scale (VAS) is a validated, subjective measure for acute and chronic pain. The VAS consists of a 10 cm line, with two endpoints representing 0 (‘no pain’) and 10 (‘pain as bad as it could possibly be’).[9]

The ORIDL scale records the assessment of response to the previous prescription on the main complaint as well as on general well-being on a numerical scale of −4 to +4.[10]

In this case, MONARCH[11] was used to find the possible causal attribution between the homeopathic intervention and clinical improvement of the patients. The case has been reported as per the HOM-CASE guidelines.[12]

**Patient Information**

On 22nd November 2022, a 15-year-old male student presented with the complaint of discharge from a cavity in the natal cleft along with pain and discomfort [Figure 1].

He had been suffering from continuous pain and discomfort with mild discharge from the anorectal region for two years and had consulted with an allopathic physician. He was diagnosed as a case of PNS on 17 February 2022 and was advised to go for a magnetic resonance imaging (MRI) fistulogram, which reported it to be a case of PNS. He underwent excision of the PNS with Limberg flap under general anaesthesia on 21 February 2022. After three months of the surgery, his symptoms began to recur. After that, he again took conservative conventional treatment, but his complaints did not improve. He then ultimately chose to seek homoeopathic treatment.

He did not suffer from any major illnesses in the past. His mother had allergic rhinitis. His younger brother also had a history of PNS. He was a student and belonged to an upper-middle-class background.

**Clinical findings**

**General examination**

The blood pressure of the patient was found to be 120/80 mmHg and his pulse was 90/min. Nothing abnormal was detected in his general condition, except mild pallor.

**Local examination**

On inspection, a pit-like cavity with a well-defined, ovoid-shaped margin was observed at the natal cleft. The surrounding skin was erythematous [Figure 1] but exhibited no swelling. There was a serosanguineous discharge from the cavity. On palpation, the cavity was notably tender. Induration was present around the cavity, along with fibrosis, likely due to a history of previous surgical intervention. No fluctuation was noted. The size of the cavity was approximately 6 cm × 3 cm × 3 cm. Associated findings included the absence of signs of infection, such as fever, chills or malaise and no inguinal lymph node enlargement was detected.

**Generals**

His appetite was good, with a strong desire for salty and fatty food. He drank 2.5–3 L of water daily, and his tongue was moist. The patient reported moderate sweating all over the body, which was very offensive but left no stain on the clothes. His bowel movements were regular and satisfactory. The urine was normal in colour but very offensive. His thermal reaction was chilly, and there were no complaints related to his sleep. The patient was very irritable, and little things annoyed him. He used to get angry easily, followed by throwing things here and there. His memory was good.

**Diagnostic assessment**

The case was diagnosed to be of PNS through MRI fistulogram.

**Therapeutic intervention**

The following characteristic symptoms were considered for framing the totality:

- Irritable
- Angered easily
- Desire for salty things
- Desire for fatty food
- Chilly patient
- Offensive perspiration
- Offensive urine
- Fistulous opening hip
- Discharge mixed with blood from PNS cavity.

After evaluation of the case, a repertorial totality was constructed, followed by repertorisation done with the help of the Repertory of J.T. Kent by Radar Opus 3.0.16 software[13] [Figure 2].

On the basis of the repertorial result and final consultation with materia medica,[14,15] individualised, single homeopathic medicine, *Nitric acid* was selected and prescribed in the 50 millesimal potency (LM scale), starting from 0/1, to be taken daily, once a day, in the morning on an empty stomach for 15 days, followed by 0/2 for the next 15 days in a similar manner. One globule of poppy seed size was mixed with 100 ml of distilled water, and 12 drops of rectified spirit were added to the medicine bottle. Before taking the medicine, 10 strokes were given to the medicine bottle, and then, one tablespoon...
of medicine was dissolved in half a cup of water, followed by stirring. From this solution, one tablespoon was to be taken and the rest to be discarded. The patient was also instructed to keep the affected area clean and maintain personal hygiene. The medicines were prescribed for a limited duration as per the need and were followed by placebo pills for the rest of the period.

**Follow-up and outcomes**

The patient was monitored and treated for over 4 months. The changes observed in symptoms and indications, as well as medication administered at each consultation, are detailed in Table 1.

A series of photographs were used to document the outcome [Figures 1, 3a-d, 4].

As a validated tool, the VAS and the ORIDL scale were used to assess the patient’s perception of the outcome and how those had influenced his way of life.[9,10] The patient was requested to record the ORIDL score for his primary complaint and overall well-being at each follow-up. The ORIDL score for both aspects was +4 at the conclusion of the 4-month period [Table 1]. VAS score was used for the assessment of pain. At every follow-up visit, the patient, and at the end of treatment, the score fell from six to zero [Table 1]. In every follow-up consultation, the patient was questioned regarding timely consumption of medicine as per the prescribed dose and compliance with additional limitations. The patient reported to have complied with the advice and had no concerns regarding his tolerance for the intervention. No negative or unexpected events were reported during the entire period that the patient received homoeopathic care.[10] In addition, he did not refer to any initial deterioration of his pre-existing issues or any other concerns that would have pointed to a homoeopathic aggravation.[17,18]

**Figure 2:** Repertorisation chart

**Table 1: Follow-up details**

<table>
<thead>
<tr>
<th>Date</th>
<th>Signs and symptoms</th>
<th>Prescription</th>
<th>VAS scores</th>
<th>ORIDL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st visit, 22 November 2022</td>
<td>Irritable, Angered easily. Desire for salty fatty food, Chilly patient, Offensive perspiration, Offensive urine, Fistuluous opening in the natal cleft, Discharge mixed with blood from PNS cavity.</td>
<td>Nitric acid 0/1 to be taken daily, once a day, in the morning on an empty stomach for 15 days, followed by Nitric acid 0/2 for the next 15 days in a similar manner.</td>
<td>6</td>
<td>NA</td>
</tr>
<tr>
<td>1st FU, 24 December 2022</td>
<td>Cavity size decreased, discharge reduced and pain decreased.</td>
<td>Nitric acid 0/3 to be taken daily, once a day, in the morning on an empty stomach for 15 days, followed by Nitric acid 0/4 for the next 15 days in a similar manner.</td>
<td>3</td>
<td>+2</td>
</tr>
<tr>
<td>2nd FU, 25 January 2023</td>
<td>No discharge, slight pain present, cavity almost healed, the offensive smell of sweat reduced.</td>
<td>Nitric acid 0/5 to be taken daily, once a day, in the morning on an empty stomach for 15 days, followed by Nitric acid 0/6 for the next 15 days in a similar manner.</td>
<td>2</td>
<td>+3</td>
</tr>
<tr>
<td>3rd FU, 22 February 2023</td>
<td>No pain, no discharge, the offensive smell of urine disappeared and offensive perspiration was greatly reduced.</td>
<td>Nitric acid 0/7 to be taken daily, once a day, in the morning on an empty stomach for 15 days, followed by Nitric acid 0/8 for the next 15 days in a similar manner.</td>
<td>1</td>
<td>+3</td>
</tr>
<tr>
<td>4th FU, 20 March 2023</td>
<td>All the complaints were relieved.</td>
<td>No medicine was prescribed as improvement continued.</td>
<td>0</td>
<td>+4</td>
</tr>
</tbody>
</table>

FU: Follow-up, VAS: Visual Analog Scale, ORIDL: Outcome related to the impact on daily living, MC: Main complaint, OWB: Overall well-being, NA: Not applicable

There were no recurrences of old complaints; all the generals were normal and the physician advised the patient to visit the clinic every 3 months to check for recurrences of pilonidal sinus [Figure 4].
Table 2: Assessment by Modified Naranjo Criteria for Homoeopathy

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Domains</th>
<th>Yes</th>
<th>No</th>
<th>Not sure/NA</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Was there an improvement in the main symptom or condition for which the homeopathic medicine was prescribed?</td>
<td>+2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Did the clinical improvement occur within a plausible timeframe relative to the medicine intake?</td>
<td>+1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Was there a homeopathic aggravation of symptoms?</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Did the effect encompass more than the main symptom or condition (i.e., were other symptoms, not related to the main prescribing complaint, improved or changed?)</td>
<td>+1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Did overall well-being improve (suggest using a validated scale)?</td>
<td>+1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>A. Direction of cure: did some symptoms improve in the opposite order of the development of symptoms of the disease?</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>B. Direction of cure: did at least one of the following aspects apply to the order of improvement of symptoms:</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>-from organs of more importance to those of less importance</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>-from deeper to more superficial aspects of the individual</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>-from the top downwards</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Did ‘old symptoms’ (defined as non-seasonal and non-cyclical symptoms that were previously thought to have resolved) reappear temporarily during the course of improvement?</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Are there alternative causes (other than the medicine) that – with a high probability – could have produced the improvement? (consider a known course of disease, other forms of treatment and other clinically relevant interventions)</td>
<td>+1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Was the health improvement confirmed by any objective evidence? (e.g., investigations, clinical examination, etc.)</td>
<td>+2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Did repeat dosing, if conducted, create similar clinical improvement?</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total score=+8 (Maximum score=+13, minimum score=−6)

The MONARCH, a causal attribution evaluation tool, was used to evaluate whether there was a causal relationship between the homoeopathic intervention and the outcome of the treatment. The results for each of the ten MONARCH domains are shown in Table 2, which totals +8 on a scale of ‘−6→+13.’

**Discussion**

Since PNS is a common inflammatory disease of the gluteal region, with a limited scope of treatment in conventional medicine, it is necessary to assess the role of alternative strategies to reduce recurrence and enhance acceptability for treatment of such apparent surgical conditions. Homoeopathy is currently the second most prevalent form of medical care in India. Thirty-one percent of the population exclusively uses Homoeopathy for health care. In this case, the patient had been taking conventional treatment for PNS for two years and even got it treated surgically. However, after surgery, the symptoms recurred within three months, which was subsequently healed completely with Homoeopathy in just four months. If Homoeopathy can be proven to treat PNS without the need for surgery through evidence-based trials, it will give patients a reliable choice for a non-invasive and cost-effective therapy. There is a scarcity of published case reports in this regard, even though one case report of PNS successfully treated by homoeopathic medicine with the integration of ayurvedic treatment has been documented.

In this chronic case, the medicine was given in LM potency so that frequent repetition could be done and quick recovery could
be achieved in this chronic case. This case report provides evidence of the patient’s improvement through both subjective and objective changes, measured through VAS and ORIDL. At every follow-up, the patient enquired about the pain, the overall effect of the treatment on his major complaint and his general sense of well-being. The VAS score changed from six to zero during the treatment and his ORIDL score for both aspects was +4, indicating that he had returned to normal [Table 1]. On examination at the end of the treatment, no discharge was seen, and the cavity of the PNS had completely healed. The photograph of the natal cleft also showed a normal appearance [Figure 4]. The final MONARCH score was +8, indicating a correlation between the intervention and the outcome [Table 2].

This case study supports the use of homoeopathy in the treatment of PNS without the use of topicals or side effects.

**Conclusion**

The purpose of this case report is to demonstrate the beneficial effects of homeopathy in treating PNS, thus negating the need for any surgery. The photographs are a record of the patient’s status and improvement. However, it would not be appropriate to generalise this outcome on the basis of this single case. Hence, rigorous trials are suggested to ascertain the result reported here.

**Declaration of patient consent**

The authors have obtained written, informed consent from the patient’s parents, upon the patient’s verbal assent, to publish his case records and photographs in a scientific journal without revealing the identity of the patient.

**Financial support and sponsorship**

Nil.

**Conflict of interest**

None declared.

**References**

Traitement homéopathique individualisé du sinus pilonidal : un cas

Introduction: Le sinus pilonidal est une maladie inflammatoire très fréquente de la région fessière. Le site de survenue le plus courant est la fente natale. Cela peut causer de l’inconfort, de l’absence du travail et de l’embarras social. Il n’existe pas de traitement unique et largement accepté pour cette maladie. Dans la plupart des cas, l’option de traitement de cette maladie est l’intervention chirurgicale, mais les récidives après la chirurgie sont fréquentes. Résumé de cas: Un patient de 15 ans a signalé un écoulement de la cavité sinusale avec douleur. L’acide nitrique, un médicament homéopathique, a été prescrit lors de la consultation initiale et le patient a été suivi pendant 4 mois à intervalles réguliers. L’échelle visuelle analogique et l’échelle de résultats liés à l’impact sur la vie quotidienne (ORIDL) ont été utilisées pour évaluer l’amélioration subjective du patient. Les signes d’amélioration objective ont été documentés par des photographies. Le score pour les critères Naranjo modifiés pour l’homéopathie était de +8, ce qui soutient l’attribution causale de la médecine homéopathique individualisée de l’acide nitrique au succès de ce cas.

Individualisierte homöopathische Behandlung der Steißbeinfistel: Ein Fallbericht


पाइलोनिडल साइिस के लिए व्यक्तिगत होम्योपैथी उपचार: एक केस रिपोर्ट

पररचय: पाइलोनिडल साइिस सिशिटियल क्षेत्र की एक बहुत ही सामान्य सूजन की बीमारी है। इसका सबसे आम स्थत ज्ञानज्ञात फांक है। यह अनुभव, काम से अनुपस्थिति और सामाजिक शर्माची कारण बन सकता है। इसके लिए कई एकल, व्यापक रूप से स्वीकृत विकल्प उपलब्ध नहीं है। ज्ञातादार मामलों में, इस बीमारी के लिए उपचार का विकल्प केवल सर्जरी ही है, लेकिन सर्जरी के बाद पुनरावृत्ति होना सामान्य बात है। केस सारांश: एक 15 वर्षीय पुरुष रोगी की दुर्दशाओं के साथ ज्ञानज्ञात फांक में साइिस गुहा से स्वाता की शिकायत थी। पारंपरिक परीक्षण के दौरान नाइट्रिक एसिड, एक होम्योपैथी दवा विश्लेषित की गई और नियमित अन्तराल पर 4 महीने तक रोगी का इलाज किया गया था। विजुअल एनालॉग स्केल (VAS) और इम्पेक्ट ऑन डे जिंग (ORIDL) स्केल से संबंधित परिणाम का उपयोग रोगी के व्यक्तिगत सुधार का आकलन करने के लिए किया गया था। वस्तुनिष्ठ सूचा के संकेतों को स्वीकार के माध्यम से प्रतिक्रिया किया गया था। होम्योपैथी के लिए संशोधित नांदोहरा मानदंड का निर्णय +8 था, जो इस मामले के साफ़ता के लिए व्यक्तिगत होम्योपैथी दवा नाइट्रिक एसिड के कारणात्मक आरोपण का समर्थन करता है।

Tratamiento homeopático individualizado para el seno pilonidal: Presentación de un caso

Introducción: El seno pilonidal es una enfermedad inflamatoria muy frecuente de la región glútea. El sitio más común de ocurrencia es la hendida natal. Puede causar malestar, ausencia del trabajo y vergüenza social. No existe una terapia única y ampliamente aceptada disponible para esta afección. En la mayoría de los casos, la opción de tratamiento para esta enfermedad es la intervención quirúrgica, pero las recurrencias después de la cirugía son comunes. Resumen del caso: Un paciente masculino de 15 años de edad informó secreción de la cavidad sinusal en la hendida natal junto con dolor y malestar. Durante la consulta inicial se prescribió ácido nitrico, un medicamento homeopático, y se realizó un seguimiento regular del paciente durante 4 meses. Se utilizaron la Escala Visual Analógica y la Escala de Resultados Relacionados con el Impacto en la Vida Diaria (ORIDL) para evaluar la mejora subjetiva del paciente. Los signos de mejora objetiva se documentaron a través de fotografías. La puntuación de los Criterios Naranjo Modificados para la Homeopatía fue de +8, lo que apoya la atribución causal del medicamento homeopático individualizado Ácido nítrico al éxito de este caso.
藏毛窦的个体化顺势疗法治疗：病例报告

简介：藏毛窦是一种非常常见的臀区炎症性疾病。最常见的发生部位是先生裂。它会导致不适、缺勤和社交尴尬。对于这种情况，没有单一的、被广泛接受的治疗方法。在大多数情况下，这种疾病的治疗选择是手术干预，但手术后复发很常见。病例摘要：一名 15 岁男性患者主诉产间裂窦腔分泌物伴有疼痛和不适。硝酸是一种顺势疗法药物，在初次咨询期间开具，并定期对患者进行为期 4 个月的随访。使用视觉模拟量表和与日常生活影响相关的结果（ORIDL）量表来评估患者的主观改善。通过照片记录了客观改善的迹象。改良的 Naranjo 顺势疗法标准得分为 +8，这支持了个体化顺势疗法药物硝酸与本病例成功的因果关系。