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Effect of Agnikarma therapy on heel pain associated with Calcaneal Spur: A case study

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Abstract

An essential Ayurvedic parasurgical treatment is agnikarma. Agnikarma, an Ayurvedic treatment, involves applying heat to a specific area of the body to lessen inflammation and, by extension, pain. Since diseases treated with agnikarma never recur, Agni karma are superior to kshara. By harmonising the local vata and kapha dosha, agnikarma delivers immediate, long-lasting, and sustainable relief from chronic or acute pain. The patient, a 45-year-old female, had localised, severe, intermittent heel discomfort that got worse when she exercised like walking or jogging. A big, distinct bony protrusion at the base of the calcaneus in both heels was visible on a lateral X-ray. Agnikarma is a traditional Ayurvedic surgical procedure from ancient India used to relieve ligament discomfort, joint pain.

Keywords: Calcaneal spur, agnikarma, pancha dhatu shalaka, parasurgical procedure

1. Introduction

An abnormal bone growth called a calcaneal spur causes mild to moderately severe persistent discomfort where the plantar fascia joins to the heel bone. The calcaneum, a significant component of the foot's skeleton, serves as the posterior support for bony arches. Additionally, it offers insertion for the tendons, ligaments, and muscles required for daily walking activity. Calcaneal spur and vatakantaka, a typical vatavyadhi, are connected in Ayurveda. Calcaneal spurs are diagnosed through physical examination and the use of the right imaging techniques, including X-ray, MRI, and ultrasound. Calcaneal spur pain might get so bad that it's challenging to carry on with your usual tasks. The most effective treatment for calcaneal spur control has been regarded as agnikarma. According Acharya to Sushruta, Agnikarma having its own importance in treating diseases among others. Diseases which are treated by agnikarma never return ^[1]. Agnikarma is done by different methods like Bindu, Vilekha, Pratisaran and Valay ^[2-3]. Different materials like Pipali, Aja Shakrut, Madhu, Tail, Panchadhatu shalaka, Suvrna shalaka, Loha shalaka and Mrutika shalaka ^[4]. So, in the patient of Calcaneal spur we decided to do agnikarma. Calcaneal spur is a condition in which Osteophytes (bone spur) are formed on calcareous bone and is characterized by pain during walking, swelling and tenderness over heel ^[6]. Agni karma treatment is carried out with a special instrument made of 5 metals (Copper, Iron, Zinc, Silver & Lead also contains gold in some special ones), thug is named as Pancha Dhatu Shalaka. While doing Agnikarmaprocedure one should not exert excessive pressure unless it will produce Atidagdha vrana. Number of sitting depends on chronicity and severity of pain.

2. Aims

The present study was carried out to find out the efficacy of agnikarma for the treatment of Calcaneal Spur.

3. Case report

A 45 year female patient Come to the OPD of shalya department having OPD no 4715 on 4.02.2023 having complaints of pain in left heel region, difficulty in walking and tenderness over left heel region for six months without having any major illness. The patient developed pain in left heel a standing long time and after excessive walking. She had taken analgesics drug for 3months but pain was not completely relieved so, she came to our hospital for further treatment.

3.1 History of Past illness: NAD

3.2 Family History: Not Significant

3.3 Chief complaints: Left heel pain, difficulty in walking and tenderness over left heel from 6 months.

3.4 General examination:

Bp -110/90 **P**-74/min

Bowel and Bladder Habits-Normal

Sleep-Normal

Systemic examination

P/A- soft

CVS-S1S2 normal

CNS-conscious, oriented

RS-AEBE clear

X ray finding

Calcaneal spur extended forward

3.5 Procedure of Agnikarma

3.5.1 Purvakarma

Patient's consent for Agnikarma procedure was taken. The point of maximum tenderness at left heel was selected. Selected site was cleaned with normal saline. Shalaka was heated.

3.5.2 Pradhankarma

Agnikarma done with heated shalaka on maximum tenderness point at left heel.

Once the Shalaka gets red hot Bindutype Dagdha was done at the site marked till Samyak Dagdha Lakshana occurred i.e. Durgandhata, Twakasankoch etc [6].

After that alovera was applied to reduce burning sensation at that site.

3.5.3 Pashchat Karma: After Agnikarma Goghrit is applied at that site for Ropana Karma [7]. Vitals of patient checked before and after treatment.

3.6 Treatment

5 setting of Agnikarma given to patients.

3.6.1 Oral medication

Mahayograj guggul 2 Bd

Dashmularishta 20 ml Bd

3.6.2 Local application

Shatadhauta malahara

4. Observation

The symptoms are taken into consideration according to their gradations

4.1 Table number 1 shows grade for pain

Table 1: Shows grade for pain

Grade	Grade no
No pain	0
Mild pain	1-3
Moderate pain	4-7
Severe pain	8-10

4.2 Table number 2 shows observation during each sitting.

Table 2: Shows observation during each sitting.

Sr. No	Sign & Symptoms	Before Agnikarma	1 st sitting	2 nd sitting	3 rd sitting	4 th sitting	5 th sitting
1.	Heel Pain	8	7	5	3	1	0
2.	Tenderness over heel	5	4	3	3	1	0
3.	Difficulty in walking	6	6	5	5	3	2

4.3 Observation

As Agnikarma was started patient got relief from symptoms.

After 1st setting pain and tenderness reduced.

After 2nd setting walking tendency increased

As no of setting increases symptoms reduced

After 5th setting heel pain and tenderness totally reduced.

5. Discussion

In this case report, a 46-year-old woman who had three Agnikarma operations experienced total pain relief from her calcaneal spur and acute heel discomfort. Over the course of three years, a half-yearly follow-up was kept, and the effects of the Agnikarma treatment were kept. The subsequent X-ray also showed that the calcaneal spur's growth was stopped in its early phases. Despite the presence of a calcaneal spur, the patient did not report any pain. The Sushruta Samhita (800 BC) mentions agnikarma therapy. This treatment is in practicesince then for various acute and chronic disorders of joints, ligaments and bones [7]. The possible explanations for the effectiveness of Agnikarma treatment may be due to raised local temperature resulting in dilation of local blood vessels which caused efficient tissue perfusion, thereby reducing inflammation and pain [8]. Another explanation for reduced pain is that the raised local temperature of the heel forced the accumulated/trapped vata to move out to the respective channels, thus reducing the pain due to trapped vata. Further, increased Basal Metabolic Rate due to raised local temperature led to better perfusion and thus improved oxygenation of tissues at the site of pain. Improved blood circulation helps in flushing of pain-producing substances from the site of pain and reduces local inflammation. As per Acharya Charaka, Agni is the best treatment for pain. Ushna (hot) guna of Agni pacifies the Shita (cold) guna of Vayu and thus results in reduction of pain. Heat leads to vasodilatation, increase in WBC, antibodies and exudation of excessive fluids.

6. Conclusion

Agnikarma is one of the very effective treatments in reducing symptoms such as heel pain, swelling and tenderness of heel. Vata and Kapha Dosha are the causative factors for Shoola and Shotha in the heel [9]. Agnikarma is a parasurgical procedure which is useful in Vatajand Kaphaj Dushti. Agnikarma is a cost effective, easy to practice, less complicated, quick relief treatment that does not require surgeries or hospitalization. This study concludes that no of sitting depends on the severity of the disease.

7. References

1. Ibidem 3, Sutrasthan: Chapter 12 (Agnikarma vidhi), Verse 3. p. 50.
2. Ibidem 3, Sutrasthan: Chapter 12(Agnikarma vidhi), Verse 11. p. 52.
3. Kaviraj Atridev Gupt Editor (Reprint ed.). Vidyotini Hindi commentary on Ashtang Hridayam of Vagbhata, Sutrasthan: Chapter 30 (Ksharagnikarma vidhi adhyay).

- Varana- si: Chaukhamba, Surbharati Prakashan; c2012. p. 227.
4. Vd. RB Gogte. Agnikarma and Vidhakar- ma Chikitsa. 4th ed. Pune: Mankarnika Pub- lications; c2019. p. 22, 51.
 5. BD Chaurasia Human anatomy 4th edition volume 2 page no 36.
 6. Sushrut Samhita by Anantram Sharma, Sootra Sthana. Chapter 12, Shloka – 8, Chaukhamba Surbharati Prakashan, Varanasi; c2018. p. 86.
 7. Ramkaran S, Vaidya Bhagwan D. Caraka Samhita of Agnivesa: Text with English Translation & Critical Exposition based on Cakrapani Datta's Ayurveda Dipika. Transl. Srikantha Murthy KR, Vol. 1. Varanasi, India: Chowkambha Orientalia; c2005.
 8. Dwivedi A, Shanmugamurthy L. A clinical study of efficacy of Agnikarm: An ancient treatment method in the management of heel pain. Ayurvedic. 2015;2:1-6.
 9. Sushrut Samhita by Anantram Sharma, Nidan Sthana. Chapter 1, Shloka – 79, Chaukhamba Surbharati prakashan Varanasi; c2018. p. 470.