



Panchakarma and its role in the Treatment of Arthritis: An Overview

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Doi: <https://doi.org/10.5281/zenodo.17937192>

Received: 10 December 2025

Accepted: 23 December 2025

Abstract:

Objective

There are various arthritis, is autoimmune connective tissue disorders that might be included in inflammatory arthritis. Glucocorticoids (GCs), non-steroidal anti-inflammatory medicines (NSAIDs), Disease-Modify Anti-Rheumatic Drugs (DMARDs), and biological treatments that simply alleviate symptoms are now the pharmaceuticals used to treat arthritis. Currently current pharmacological medicines are also producing undesirable side effects. Therefore, research based on the review work on traditional medicine for the long-term, affordable treatment of arthritis.

Methods

Review work done on Panchakarma and its role in the Treatment of Arthritis with the goals of detoxification, inflammation reduction, enhanced joint function, and nerve system relaxing.

Results

Panchakarma offers a number of therapeutic advantages, including pain reduction, increased circulation, and cleansing..

Conclusion

In order to improve joint mobility, muscle strength, and psychological well-being without increasing severe disability and premature mortality, Panchakarma is the most favorable treatment approaches of arthritis.

Key words: arthritis, autoimmune disorder, Panchakarma.

Introduction: The term "arthritis" comes from a mix of Greek and Latin." Arthron' 'means joint in Greekand' 'it is" means inflammation in Latin. The typical definition of arthritis is a condition characterized by joint inflammation. There are over a hundred distinct forms of arthritis. In the United States alone, the toll is about 47 million adults and 300,000 children. Arthritis that does not cause inflammation, such as osteoarthritis or degenerative arthritis, is the most prevalent kind of arthritis. Some examples of inflammatory arthritis include rheumatoid arthritis, psoriatic arthritis, ankylosing spondylitis, gout, pseudo gout, basic calcium phosphate disease, and Lyme's disease. Myositis, inflammatory bowel disease, coeliac disease, systemic lupus erythematosus, Sjogren's syndrome, scleroderma, and inflammatory arthritis are all autoimmune connective tissue illnesses. The diseases can lead to severe disability to premature mortality if proper treatments are not provided. For this reason, studies focusing on conventional medicine

are necessary for the development of long-term, cost-Effective treatments for arthritis. Detoxification, better circulation, and pain reduction are just a few of the many therapeutic advantages of panchakarma ²

The few common types of arthritis are: ⁴

1. Osteo-arthritis(OA)
2. Rheumatoid Arthritis(RA)
3. Gout
4. Ankylosing Spondylitis(AS)
5. Lupusarthritis,(LA)
6. Infectious arthritis(IA)
7. Juvenile arthritis(JA)
8. Psoritic arthritis(PA)
9. Fibro myalgias

Pathogenesis

A combination of here ditary and environmental variables contribute to the development of arthritis by initiating an immune response that targets the synovial, but the precise causes and processes of tissue instruction are still mostly unclear. Some populations may be more susceptible to rheumatoid arthritis due to genetic variations in the major histocompatibility complex (MHC) II. Rheumatoid Arthritis risk factors include human leukocyte antigens (HLAs) encoded by MHC II, including HLA-DR1, HLA-DR4, HLA-DR6, and HLA- DR10.⁵ Mast cells, macrophages, dendritic cells, and natural killer cells are recruited to the site of injury in the joint by environmental and genetic factors. In inflammation, the synoviocytes, activated synovial macrophages, CD4+ and C8+ T cells, and the constant release of proinflammatorycytokinesincludingTNF- α ,IL1,andIL-6,as well as receptor activator of nuclear factor- $\kappa\beta$,arevital.⁶

Degenerative cartilage loss and subsequent bone deterioration characterise osteoarthritis. Symptoms such as osteophytes, sub chondralcysts, and thickening of the subchondralplate are common. The breakdown of joint collagen occurs as a consequence of the induction of proteolysis enzymes such matrix metalloproteinases, serine proteases, and cysteine pretenses by interleukin-6, monokines, interferon-induced protein-10, and macrophage chemotactic protein⁷

Spondylo arthritides, including ankylosing spondylitis, have an aetiology that has yet to be determined. In spondylo arthritides, particularly ankylosing spondylitis, heredity plays a significant role.⁸

Panchakarma Therapies for Arthritis

In Sanskrit, "Panchakarma" means "five actions" or "five treatments," and it describes a system of five procedures for cleansing the body,⁹ restoring health, and balancing the dose as (bio elements). It is claimed that these therapies may aid in the elimination of ama, or poisons, and in re-establishing harmony between the mental and physical aspects of the body.¹⁰

A number of Panchakarma treatments are available for arthritic pain, with the goals of detoxification ,inflammation reduction, enhanced joint function, and nerve system relaxing. Some of the most effective treatments include:¹¹

1. Abhyanga (OilMassage)

Abhyanga is a healing practice that involves massaging the whole body with warm, medicinal oils. The Ayurvedic treatments recommended for arthritic pain.Nutrition, better circulation, reduced muscular tension, and a calming of the Vata dosha—which is commonly associated with arthritis—are all supposedly benefits of this therapy.¹²

How it works: Abhyanga often involves infusing oils with herbs that have revitalising, anti-inflammatory, and pain-relieving characteristics. As the oils heated, they promote more blood flow to the joints, which in turn increases mobility and decreases stiffness.¹³

Effectiveness: Abhyanga has several health benefits, including easing stiffness and discomfort in the joints, increasing flexibility, and speeding the recovery of injured tissues. Those suffering with Vata- type arthritis ,characterized by dryness, find it particularly helpful.¹⁴

2. Swedana

Swedana often administered after Abhyanga. Toxins may be released from the body when pores are opened, circulation is improved, and the body is surrounded in herbal steam. Particularly, swedana aids arthritic joints that have (toxins) built up.¹⁵

How it works: Abhyanga, an oil massage, is followed by the technique of employing steam in fused with various herbs. Steam helps the body perspire, which eliminates toxins; it also reduces swelling in joints and enhances the absorption of therapeutic oils.

Effectiveness: Swedana releases pain by loosening stiff joints and increasing blood flow to sore areas, which decreases inflammation. It is very helpful for rheumatoid arthritis and osteoarthritis.

3. Basti (Medicated Enema)

Basti is a Panchakarma treatment for arthritis that works wonders for conditions caused by an imbalance of Vata, such as osteoarthritis. This method of treating arthritis includes administering herbal oils or decoctions in order to cleanse the body and address the root causes of the condition.¹⁶

How it works: Basti is a medical enema that may be used to inject healing oils or herbal mixtures straight into the colon. Reportedly, it helps with intestinal cleansing, Vata dosha calmness, and over all body purification. By restoring balance to the inside environment, it aids in reducing joint inflammation and pain.

Effectiveness: Since vata imbalance is the root cause of many joint issues, basti is a powerful Ayurvedic treatment for arthritis. The body experiences significant nourishment, which alleviates dryness and stiffness in the joints and promotes long-term joint health.

4- Pizhichil (Oil Bath)

Pizhichil, also known as *Snehana*, is a combination of massage and oil therapy. In this treatment, warm herbal oils are poured over the body in a specific pattern while a gentle massage is performed.

Effectiveness: Inflammatory joint illnesses, such as osteoarthritis and rheumatoid arthritis, respond well to pizhichil because of its anti-inflammatory, joint-lubricating, and blood- flow-boosting characteristics. It does double duty by reducing stiffness and enhancing range of motion.¹⁷

1. Shirodhara (Oil Dripping on the Forehead)

How it works: Arthritis sufferers might get some indirect advantages from Shirodhara, how ever its primary function is in achieving emotional and mental equilibrium. The mind is calmed, tension is reduced (which may make arthritic pain worse), and relaxation is promoted, all of which can assist with pain management in general.¹⁸

Effectiveness: Shirodhara doesn't target the joints in particular, but it may alleviate anxiety and tension, which helps with managing the emotional to chronic pain and increasing quality of life generally.

Effectiveness of Panchakarma for Arthritis

Many people find that panchakarma therapies, when combined with a holistic approach to health, can help with arthritis management. Treating the underlying cause of the illness is more important than just relieving symptoms. Here's how Panchakarma can be beneficial:¹⁹

- **Reduction of Inflammation:** Abhyanga and Pizhichilare two of the many Panchakarma treatments that reduce inflammation. These treatments may alleviate joint swelling and discomfort by increasing circulation and eliminating toxins.
- **Restoration of Joint Mobility:** Swedana and Kati Bastiare two treatments that may help relax tight joints, increase blood flow, and make you more flexible.
- **Detoxification and Cleansing:** The goal of Panchakarma is to flush the system of toxins, which may worsen arthritic symptoms when left untreated.
- **Balancing the Doshas:** Restoring internal harmony and relieving joint discomfort are two goals of panchakarma treatments, particularly Basti, which aim to balance the Vata dosha.
- **Improved Mobility and PainRelief:** A more natural and holistic approach to controlling arthritis, Panchakarma treatments, when used over time, have the potential to enhance joint function and decrease reliance on prescription pain killers.²⁰

Conclusion

Panchakarma is an all-encompassing, all-natural method of treating arthritis that gets to the source of the pain and inflammation. Patients may feel less pain, have more flexibility in their joints, and enhance their health in general using treatments like Abhyanga, Swedana, and Basti. However, to make sure the therapies are personalised to individual requirements and to track success, it's crucial to speak with a competent Ayurvedic practitioner. Arthritis sufferers may find substantial alleviation and an improvement in quality of life with the help of panchakarma when combined with traditional medical therapy.

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