

Research on Formulation and Evaluation of Herbal Hair Oil for Hair Growth Activity.

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Abstract: Herbal hair oil has gained increasing recognition as natural, effective, and safe alternative to chemical-based hair care products. This study focused on the formulation. Studies on formulation show that herbal oils usually have a good pH, viscosity, stability, and a lot of activity that promotes hair growth without causing too many problems. Although minor disadvantages like greasiness or irritation may occur, herbal oils are largely safe and eco-friendly. The study concludes that herbal hair oil offer a promising natural approach for maintaining healthy hair and preventing damage, providing an effective alternative to synthetic formulation. According to the study, herbal hair oils present a visible natural alternative to synthetic formulation for maintaining healthy hair and reducing damage. Many of the medicinal plants, such as hibiscus, curry leaves, fenugreek, neem, tulsi, coconut oil, and almond oil which as tremendous benefits with their results. Flavonoids, phenolics, ingredients established in these plants that nourish the scalp, strengthen hair follicles, reduce dandruff, stop hair loss, and promote hair growth. The overview covers common problems associated with the hair, the structure and growth phases of hair, and how herbal compound to address problem such as dryness, dandruff, thinning, breaking, and scalp irritation.

Keywords: Herbal hair oil, greasiness, Flavonoids, Scalp irritation.

I. INTRODUCTION

Herbal & herbal drugs are clinically proven good for hair growth. An herbal cosmetic has a growing demand in the world and in a coconut oil base. The main objective of this work is to develop an herbal hair oil formulation that can resolve the problems related to hair fall & other hair problems. Hair has a vital role in personality of human and we use a lot of cosmetic product for the care of hair.

The study aims reviewing the problem such as hair fall, hair dryness, dandruff etc. various herbal ingredients are used in herbal hair oil formulation; they provide essential nutrients such as vitamins, antioxidants. (1) Herbal cosmeceuticals for hair care utilized natural ingredients from plants, herbs and species to promote healthy hair and scalp. Hair oil is hair care product. (2) Hair is a protein hair that grows from follicles set up in the dermis. Herbal hair oil are formulated with natural ingredients known for their ability to strengthen hair roots. Oil such as hibiscus, amla, and contain compounds that reinforce hair strands and reduce breakage. Regular application can lead to thicker, more resilient hair over time.

Hair oil containing herbal drugs are usually called as hair tonic. (3) Hair care products are categorized into two main categories, hair tonics and hair grooming aids. These are basically the extracts of medicinal plants in an oil base. Herbal cosmetics are more effective in demand because of increasing hobby of mankind closer to them additionally nature cosmetics are more effective with negligible facet consequence and components are without problems to be had. (4)

Herbal formulations have always attracted considerable attention because of their good activity and comparatively lesser or nil side effects as compared to synthetic drug. (5) In India herbal medicines are the principal form of medicines. In India around 6000 manufacturers for herbal medicines are available. According to WHO around 80% people of the world uses herbal medicines. (6)



Hair oil are the cosmetics product which are applied on hair which promotes the Luxurious hair growth, treatment of baldness, aggression of hair. Hair oil containing herbal drug are usually called as hair tonic.(7) (We used vegetable hair oil for the hair treatment. Herbal hair oil not only moisture the scalp, but also restore dry scalp and dry hair.(8)In traditional Indian system of medicine many plants and herbal formulation are reported for hair growth promotion as well as improvement of quality of hair. (9)

History.The use of herbal hair oil is deeply rooted in ancient traditions, with origins tracing back over 5,000 years to the Indian sciences of Ayurveda. The definitive Ayurvedic text, the Charka Samhita, emphasizes the important of Oiling the hair and scalp daily to maintain hair health and prevent hair loss. This practice, known as Sneha (Sanskrit for “to oil” or “to love”),has been a Staple in hair care routines across various culture and continues to be popular today due to a growing global preference for natural and organic personal care solution.

OBJECTIVE

- To prepare a polyherbal hair oil. (10)
- To study the role of various herbs that.
- To provide nourishment to hair.
- To treat common hair problems’.
- Strengthening roots.
- These oils help strengthen hair roots and prevent hair loss by improving blood circulation.
- Some ingredients can protect hair follicles from damage and help repair damaged hair.
- Herbal hair oil can reduce itchiness, fight scalp infection, and help control dandruff.
- To increase blood flow to the scalp, which is crucial for delivering nutrients to the hair follicles?
- Herbal goodness of hair.(11)

IDEAL CHAEACTERISTICS OF HAIR

- It improves hair texture.
- It protects form damage hair.
- It should provide moisturizing to hairs.
- It should provide nourishment to hairs.
- Appropriate consistency.
- Scalp Health support.

HERBAL HAIR OIL: BENEFITS.

- Reduce Hair Fall. Hair fall can be a distressing issue for many ...(12)
- Enhance Hair shine.
- Promotes Healthy Hair Growth.
- Stress relief.
- Prevents dandruff.
- It is used for longer and stronger hair.
- It is used to preservation of hair colour.
- It maintaining hair health.
- Hair oil helps prevent hair loss and reduce frizz. The ends of the hair need specialcare, and vegetables oil pampers them throughout the diet.
- It gives natural beauty to the hair.
- It keep scalp moist.
- It maintaining hair health.



- Regular use of hair oils cures the problem of premature grey hair.
- Potential to stimulate hair growth or prevent hair loss.
- Relaxation and wellness from massage and aromatherapy.
- Protection from surfactants and heat damage from styling.

PROBLEMS RELATED TO HAIR : -

- Oily hair
- Dandruff.
- Dry hair.
- Hair loss.
- Dull hair.
- Breakage.
- Hair thinning.
- Scalp irritation.
- Nutritional deficiencies.
- Frizzy hair.(13)

CAUSES OF HAIR PROBLEMS.

Genetic and hormones: Predisposition to issues like pattern baldness' can be inherited, and hormonal changes (e.g., from pregnancy or menopause) can cause hair loss.

Lifestyle and environment: Poor nutrition, stress, pollution, sun exposure, and lack of moisture can all negatively impact hair health.

Styling habits : Excessive heat styling ,harsh chemical treatment (like perms and Colouring) .and tight hairstyles that pull on the hair can all cause damage.

Ingredient of drug and Role.

S. No	Ingredient	Importance/Role
1	HIBISCUS	Both the flowers and leaves are used to promote hair growth and prevent hair fall.
2	CURRY LEAVES	Help prevent hair greying, strengthen hair, and stimulate hair growth.
3	FENUGREEK (METHI)	Contains iron and protein essential for hair growth, and its anti –inflammatory properties smooth the scalp.
4	COCONUT OIL	A popular base that helps nourishes and strengthens hair.
5	NEEM	Possesses antibacterial and antifungal properties, ideal for maintaining healthy scalp and preventing dandruff.
6	TULSI (HOLY BASIL)	Adds antifungal and antiseptic qualities for a healthy scalp.
7	AMLA	Hair growth Activity improve and reduce hair fall. Prevent premature greying.

Table 1: Ingredient of drug and Role.



ADVANTAGES OF HERBAL OIL

Contain natural ingredient:

Herbal oils derive their benefits directly from plants, which can be rich in vitamins, antioxidants, and anti-inflammatory properties.

Gentle on skin and hair:

Many users with sensitive skin or allergic find herbal oil to be gentler alternative to chemical-based products for hair care, they can nourish the scalp, reduce dandruff.

Eco-friendly

Herbal products are generally made with biodegradable ingredients, making them more environmentally friendly and sustainable choice than products with synthetic chemicals.

DISADVANTAGES

Greasy Build-up: Overuse of oils can lead to greasy scalp, which may not be ideal for all hair types.

Scalp Irritation: Some individuals may experience irritation or allergic reaction when using oils on their scalp.

Weighty for Fine Hair: oils can weigh down fine hair, making it appear flat and greasy rather than voluminous.

Not a cure for Hair Loss. While oils can help manage symptoms, they are not a cure for hair loss and should not be relied upon as a sole treatment.

Dust and Dandruff Trap: Excess oil can attract dust and worsen dandruff in some cases.

COMPOSITION OF HERBAL HAIR OIL.

1. HIBISCUS.

Synonyms— *Hibiscus rosa-sinensis*, Jaswand, Rose Mallow, Tropical Hibiscus.

Biological Source—Hibiscus derived from flowers, leaves and stem of *hibiscus rosa-sinensis*.

Chemical Constituents : Flavonoids, anthocyanins, and phenolic compound, tannins, terpenoids, alkaloids, Carbohydrates, Vitamins, Minerals, protein and amino acids, Organic acids.

Plant parts used: the hibiscus flowers and its leaves are used to make herbal hair oil.

Uses:

1. Improve scalp health by providing vitamins, amino acids, and antioxidants.
2. Prevent premature graying.
3. Prevent hair fall and breakage.
4. Prevent dandruff.



Fig.1: Hibiscus Flowers.

Hibiscus is widely used in herbal hair oil due to its impressive benefits. Its natural conditioning properties strengthen the hair shaft, preventing breakage and enhancing overall hair texture. It contains vitamins and antioxidants. Hibiscus stimulates hair growth by improving blood circulation to the scalp. Additionally, hibiscus addresses issues like dandruff, contributing to a healthier scalp environment.



2. CURRY LEAVES.

Synonyms – *Murrayakoenigii* , kadipattamithineem .

Biologicalsource – it is obtained from leaves of the plant of *Murrayskoenigii*.

ChemicalConstituents : Alpha terpene,elemol,alphatrepanned , flavonoids , phenolics,vitamin , carbohydrates , carotenoids,carbazole alkaloids,murrayanineessential oil,

Plant partused : The leaves of curry leaf plant are the used to make herbal hair oil.

Uses.

1. Improve hair growth.
2. Prevent hair fall.
3. Treat dry scalp.
4. Adds shine and softnees .



Fig.2: Curry Leaves.

Curry leaves are beneficial to the hair since they are high in beta- carotene and protein content, which are instrumental in preventing hair loss and thinning of hair. Curry leaves aren't the same thing as curry leaves, which is a blend of several species. Yet they have many other uses, including in hair care. You may be familiar with curry leaves as an aromatic culinary herb with a citrusy flavour. The curry leaf plant, native to India, SirLankha ,and other South Asian countries ,is also Known as *Mrrayakoenigiior kadipatta*.

3. FENUGREEK .

Synonyms . –*Trigonellafoenum-graecum*, and Gerk clover, Methi.

Biologicalsource- Fenugreek is the dried seeds of the plant *trigonellafoenum –graecum*(14).

ChemicalConstituents: Steroidal Saponins like diosgenin, alkaloids, Protein and dietary fiber , Flavonoids ,amino acids like 4-hydroxyisoleucine ,fixed oils, vitaminsand minerals .

Plantpartused:The seeds of fenugreek plant are the part most commonly used for making herbal hair oil.

Uses.

1. Antimicrobial dandruff treatment
2. Revives damaged hair and induces hair growth.
3. Support healthy scalp.
4. Strengthens hair and adds shine.
- .5. Prevents premature greying of hair .



Fig. 3: Fenugreek .Seeds.



Fenugreek enhances blood circulation and helps reduce dandruff. Fenugreek seeds are rich in protein, and nicotinic acid contain, treats dryness of hair, control balding, and hair thinning. Fenugreek may help balance the scalp's pH. Fenugreek is a seeds with numerous benefits for hair.

4. NEEM.

Synonyms – *Azadirachta indica*, Neem, Margosa tree.

Biological source – Neem consist of fresh and dried leaves of *Azadirachta indica*.

Chemical Constituents: Triterpenoids like azadirachtin and gedunin, polyphenols such as quercetin and nimbosterol, and various limonoids and flavonoids, aminoacids.

Plant part used: The leaves of Neem are the plant are particularly common source for extract and oil.

Uses.

1. Cleanes and strengthens hair follicles.
2. Increased blood circulation in your scalp gives you stronger
3. Fights dandruff
4. Promotes thicker, stronger hair growth.
5. Cooling and soothing effect.
6. cure scalp problems



Fig. 4 Neem Leaves.

The neem is an important component in traditional medicines and has gained recognition due to wide range of application. It has various medical properties. It contains components like *Azadirachta*, nimbin, beta-sitosterol, vitamin E, quercetin etc. Its ability to improve blood circulation aids in preventing hair loss. Incorporating neem into hair care routines oil or neem-infused product can lead to healthier, stronger, and more vibrant hair (15)

5. TULSI (HOLY BASIL)

Synonyms: *Ocimum trinuiflorum*, Holy basil, Indian basil, Tulsi, Krishna tulsi.

Biological source: Tulsi is the fresh and dried leaves of plants.

Chemical Constituents: Essential oil, like eugenol, methyleugenol, vitamin (A and C), minerals (iron, calcium, zinc), rosmarinic acid.

Plant part used: The plant tulsi used in hair oil is the tulsi leaves. Which are used to create an oil or past that mixed into oil. (16)

Uses

1. Strengthening the hair roots.
2. Tulsi leaves prevent bacterial and fungal infection.
3. Hair loss treatment.
4. Coagulant remedy for hair loss.
5. The plant of tulsi has many medicinal properties.





Fig.5 :Tulsi Leaves.

Tulsi is one of the most well recognized herb from family *lamiaceae* that is indigenous to the Indian subcontinent and has been used inside Ayurvedic medication over 3000 years. Leaves are of green or purple colour. Leaves of tulsi are a nerve tonic and also sharpen memory. Holy Basil is an erect, many branched sub shrub 30-60 cm tall having hairy stem. Leaves of tulsi has many medicinal properties. (17)

6. COCONUT OIL.

Synonyms : *Cocos nucifera*, Coco ,coconut palm. Coconut fatty acid .

Biological source : The oil extracted from the dried kernel (copra) of the mature coconut palm *cocos nucifera* .

Chemical constituents : Oleic acid ,linoleic acid ,palmitic acid ,myristic acid ,lauric acid.

Plant part used: The dried kernel (copra) or the meat of the fresh coconut is used for extraction.

Uses.

1. Masks hair look shinier.
2. Moisturizes hair.
3. Seal hair
4. Improving hair strength.



Fig.6: Coconut oil.

Coconut oil deeply conditions the hair ,preventing dryness and reducing split ends. The moisturizing properties of coconut oil make it a popular choice in herbal oil. It is rich in fatty acids . It forms a protective layer around the hair shaft, shielding it from environmental damage . Additionally ,coconut oil imparts a natural shine to the hair, leaving it soft and manageable.(18)Coconut oil is derived from milk of the *coconut palm fruit*. Coconut oil is used as a meals oil , and is used in industrial application for cosmetics and detergent production.

7. AMLA.

Synonym: Indian Gooseberry, Malacca tree

Biological source: Fresh and dried fruit of *Emblica officinalis*



Family: Phyllanthaceae

Chemical constituents: Vitamin C, tannins, polyphenols, minerals, amino acids



Fig.7: Amla Powder.

Uses:

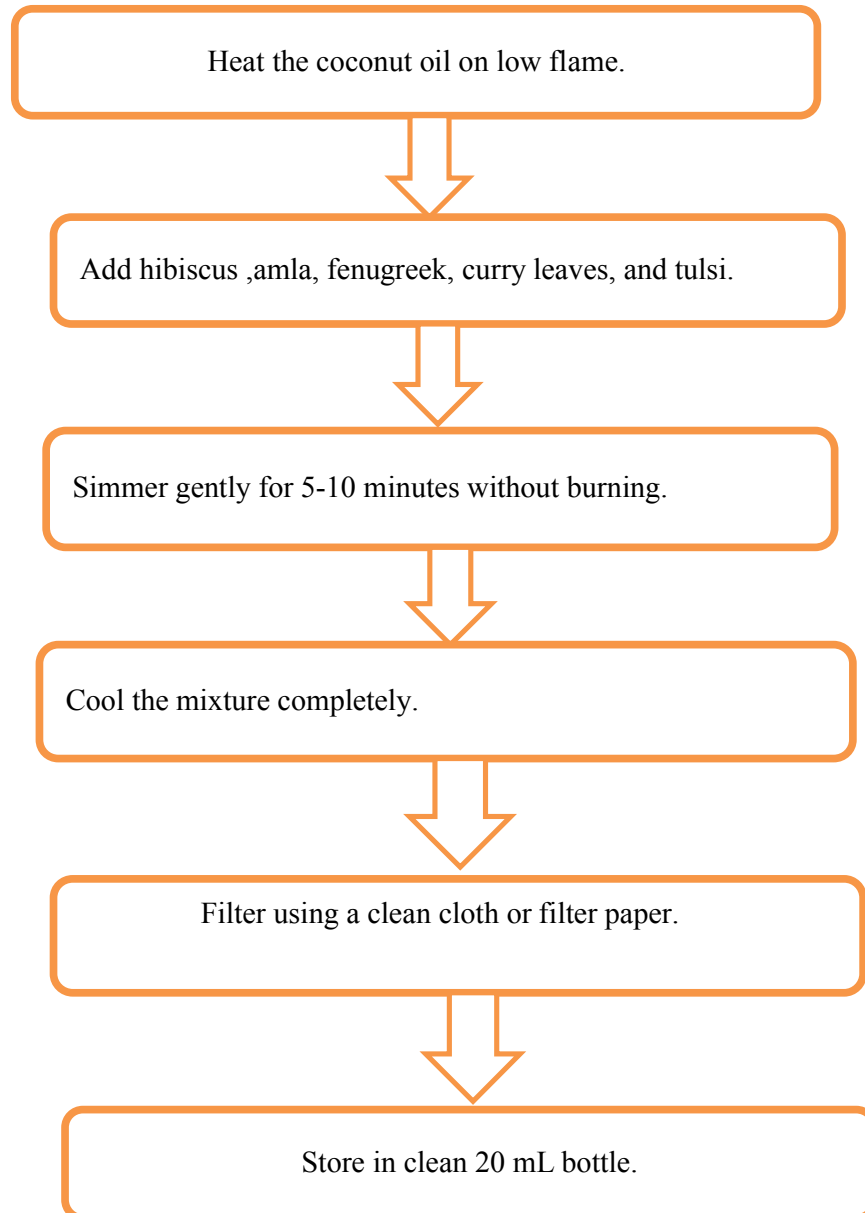
1. Boosts Growth. Packed with vitamin C.
2. Indian Gooseberry is used in hair oil to stimulate hair growth.
3. Used in hair oils and dyes.
4. Eliminate dandruff.

LABEL

HERBAL HAIR OIL . 20 ML	
Ingredients: Hibiscus Flowers: 1g Curry Leaves: 1g Fenugreek Seeds: 0.5g Neem Leaves: 0.5g Tulsi: 0.5g Coconut Oil: 15ml Amla: 1g	MfgLic No: 513514 Batch No: C Mfg By: RCP, Hatnoor, Kannad. Mfg Date: 11/05/2026 Exp Date: 8/04/2027 Price: 40 Rs/- Category: Moisturing Oil
Use: Hair Growth.	Storage Condition: Store in cool and dry place.
Direction: External Use Only.	
RASHTRIYA COLLEGE OF PHARMACY, HATNOOR.	



PREPARATION METHOD.



EVALUATION.

Prepared herbal hair oil became expected for product overall performance which incorporates physicochemical parameters.

Colour: Greenish black.

Odour:

PH: The PH was found to be 5.5

Sensitivity test: After allaying there is no irritation.



Stability Test: The appearance of hair oil was good.

Morphological Evaluation: Evaluate for morphological parameters colour of formulation green.

STRUCTURE OF HAIR.

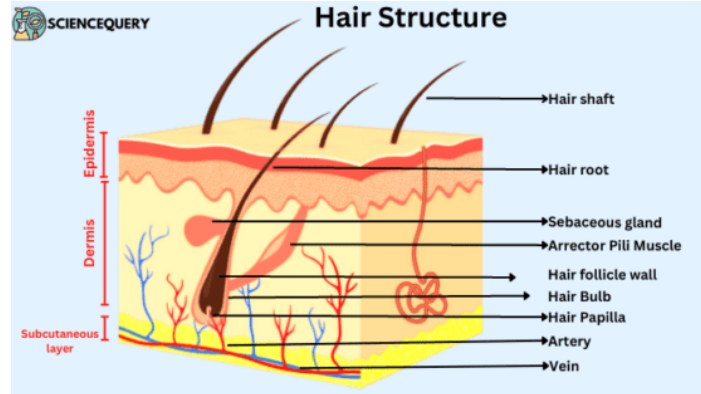


Figure.- 10 Structure of hair.

COMPONENTS OF HAIR STRUCTURE

A. Hair Shaft: The visible part of the hair that extends above the skin. It is made of dead, keratinized cells and consists of three main layers:

Cuticle: The outermost layer, composed of overlapping scale-like cells that protect the inner layers.

Cortex: The thickest layer, containing keratin fibers that provide strength, elasticity, and texture. This layer also houses melanin, which gives hair its color. (20)

Medulla: The innermost layer, which may be present in some hair types and is made of loosely packed cells. (19)

Hair Root: The part of the hair embedded within the skin, specifically in the hair follicle. The root contains living cells that are actively dividing and responsible for hair growth. At the base of the root is the **hair bulb**, which surrounds the dermal papilla, providing nourishment to the growing hair.

Hair Follicle: A small, tubular structure in the skin from which the hair grows. It plays a crucial role in the hair growth cycle and is surrounded by sebaceous glands that produce oils to keep hair healthy.

Hair Growth cycle.

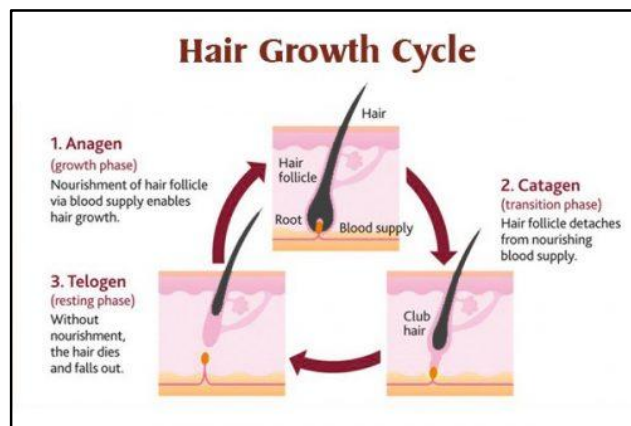


Fig.11: Hair growth cycle.



Hair growth occurs in cycles, which include three main phases:

Anagen Phase : The active growth phase, where hair follicles produce new hair cells, This phase can last several years.(16)

Catagen Phase : A transitional phase where hair growth slows and the follicle shrinks. This phase lasts a few weeks.

Telogen Phase : The resting phase, where hair is shed and the follicle remains inactive for a period before starting a new growth cycle.

TYPES OF HAIR

There are main types of hair on the human body :

Vellus Hair : Fine, short, and light-colored hair that covers most of the body.

Terminal Hair : Thicker, longer, and darker hair found on the scalp, eyebrows, and other areas.

Understanding the structure of hair is essential for various applications,

including hair care, styling, and addressing hair loss issues. Each component

plays a significant role in the overall health and appearance of hair.

HAIR PROBLEM

Some common hair problems are :-

Hair Loss : Hair loss is a miserable condition for men and women. Each and every strand of hair is genetically designed to a cycle that includes growth, stabilization, aging and shedding. Hair loss can occur due to many reasons like genetics, hormonal changes, nutritional deficiencies, stress, or certain medical conditions.

Dry Hair : Shampooing is one of the reasons for dry hair. Use of hydrating and nourishing ingredients in hair care routine, such as moisturizing treatments, serums or oils and limiting heat styling can help to reduce dryness.

Dandruff : Dandruff is the common problem among 50% of the population of the world. (20) It is caused by dry skin, excessive oil production and overgrowth of yeast-like fungus called *Malassezia restricta* and *Globosa malassezia* formerly called *Pityrosporum* causing infection of skins and scalp.(21)

(A) **Dry dandruff** : Dry dandruff is also known as *pityriasis simplex capillitii*, which is a common scalp condition caused by the shedding of small, dry flakes of skin. Excessively dry scalp triggers the skin cells to flake off, resulting in the visible presence of dry dandruff.

(B) **Oily dandruff** : Oily dandruff is also known as *seborrheic dermatitis* which is a scalp condition caused due to overproduction of sebum, an oily substance. This results in excessive shedding of skin cells and forming oily flakes. Regular cleansing and a proper balanced diet can protect from oily dandruff.

4. Split Ends : Split ends is a common hair problem that occurs due to fraying or splitting of hair strands which cause damage to the outer layer of hair called cuticle. It can be prevented by regularly trimming hair, using heat protectants, gentle drying with a wide-tooth comb, deep conditioning and a balanced diet.

5. Frizz : Frizzy hair occurs when the hair cuticle lifts and allows moisture to enter, which results in a rough and unmanageable texture. It can be managed by adopting a proper hair care routine. Application of leave-in conditioners, serums, or oils provides an extra layer of hydration and smooths the hair cuticle.

6. Oily scalp : Oily scalp is caused due to production of an excessive amount of natural oil called sebum. Other causes of oily scalp are hormonal changes, genetics, use of harsh hair products, frequent washing of hair (which can stimulate oil production) and certain conditions like *seborrheic dermatitis*.

7. Thinning hair : Thinning of hair refers to a decrease in density or diameter of strands which leads to a decrease in the volume of hair. It is caused due to different factors like genetics, hormonal changes, ageing, nutritional deficiencies, certain medical conditions, or excessive styling and use of harsh hair products.

8. Hair breakage : Hair breakage is one of the common problems among many individuals. Some causes of hair breakage are excessive heat styling, chemical treatments (such as hair coloring, bleaching, or perming), environmental



factors like harsh weather conditions or pollutants, nutrient deficiencies and insufficient moisture i.e, dry and brittle hair faces more breakage.

9. Scalp irritation : Scalp irritation is the feeling of discomfort, itching, or sensitivity on the scalp which come with redness or inflammation. Dry skin, allergies and harmful hair products are the main resin of scalp irritation. Management of scalp irritation include reguar wasing of hair, avoiding of chemical treatments, proper hair care routine and hygiene

10. Color damahed hair : Color-damaged hair cause by processes like dyeing, bleaching, or using chemical contaning hair styling produts. Outermost layer of hair called cuticle act as a protective layer which on colouring hair allow dye to penetrate the cortex. Frequent colouring make cuticle weak which result in damage of hair. Use of harmful hair color should be reduce to prevent hair from damage.

TYPES OF HERBAL HAIR OIL.

1) Nourishing hair oil.

Promotes haie strength, softness,and shine .

Example : Coconut oil with herbs like Amla , Bhringraj .

Your oil fits here – strengthens roots and nourishes scalp. (22)

2) Anti-hair fall Hair OIL.

Targets hair loss, promotes regrowth.

Herbs like Bhringraj, Fenugreek, Amal help reduce hair fall.

Your oil also fits here- due to these ingredients.

3) Medicated Hair Oil

Contains herbs with therpeutic actions (antibacterial, antifungal, anti-inflammatory).

Used for treating dandriff, itching, infections.

Camphor gives your oil cooling and antimicrobial properties.

Your oil qualifies here as well.

4) Cooling Hair Oil

Soothes scalp and relieves stress.

Camphor contributes to this effect.

Your oil has mild cooling properties.

5) Hair Growth Oil

Specifically targets new hair growth.

Bhringraj and Castor oil are known for stimulating hair follicles.

Your oil supports this function Similarity:29%

powerful Ayurvedic Ingredients For Healthy, Luscious

Hair Precautions for Herbal Hair Oil

Preventives for Herbal Hair oil painting

For external use only – Do n't ingest the oil painting.

Patch test recommened – Apply a small quantum behind the observance or on the inner elbow to check for any antipathetic response before full use.

Avoid contact with eyes – In case of contact, wash completely with water.

Store in a cool, dry place – Keep down from direct sun to save the energy of herbal constituents.

Keep out of reach of children – To help accidental ingestion or abuse.

Use with clean hands – Always use clean, dry hands or an applicator to avoid impurity.

Discontinue use if vexation occurs –Seek medical advice if greenishess, itching, or rash appears.



Herbal Hair Oil.

Herbal hair oilare formulation designed tomoisture and nourish the hair follicles and scalp and solve other hair problem.It is a liquid formulation which prevent blading and promote thick hair growth.Hair oil should be applied regulariy by spray on scalp on scalp. Commonly used Ingridents like hibiscus,fenugreek ,curry leaves ,and tulsı are found in these formulation provide variety of benefits

RISK AND SIDE EFFECTOF HERBAL HAIR OIL.

Hair oil can cause side effect like greasy hair ,dirt build –up, clogged pores ,and worsened dandruff or acne, especially if over –applied or left on for too long.

Excessive use can also weaken hair and scalp health ,leading ti irritation ,itching ,and potentially more haie loss.

SIDES EFFECTS .

Allergic reaction .

Scalp irritation .

Sun sensitivity .

Dandruff and acne .

Hair texture change .

Staining .

Potential systemic effect .

II. CONCLUSION

One of the most well -Known hair treatments is herbal hair oil.Herbal hair oil not only hydrates the scalp ,but also helps to heat dry scalp and hair .It contains various vital nutrients that support regular sebaceous gland activity and encourage natural hair growth. In this study , dried portions of *Murrayakoenigii*, *Hibiscusrosa–sinensisLinn*, *Nigellasativa*,and *Trigonellafoenum- graecum*were made into herbal hair oil and evaluated foe their potential asan effective topical formulation for hair growth –promoting action .The results showed that herbal hair oil exhibited goodpH, acceptable viscosity ,and was stable at room temperature . Furthermore, the animal investigation revealed that the herbal hair oil created has a promising effect on hair growth stimulation with no negative side effect .As a result ,it is clear option for future formulation. Overall ,herbal oils that are formulated provide a lot of nutritious food. Hair values such as vitamins ,minerals ,and essential oils ,Finished products are within the limits .In conclusion ,oiluseful to prevent hair from damage and loss caused by pollution and dull hair . And provide aitrenative source from hazaedous chemical . Incorporating herbal hair oils into your hair care routine can lead to healthier, stronger ,and more beautiful hair .By choosing oils that suit your specific hair type and needs ,you can enjoy the holistic benefits of thse natural remedies . Regular use not only nourishes and strength and strengthens hair but also promotes a healthy scalp environment conducive to hair growth .

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