

Chapter 3. Ayurvedic Hair Care Principles

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Part 1 — "Keśa" Explained, Plus Hair-Type & Scalp-Condition Mapping

1. What Is Keśa in Ayurveda?

Classical Point	Modern Parallel	"Why It Matters" for a Cosmetologist
Upadhātu of Asthi Dhātu - hair arises as a secondary tissue from bone-nutrient metabolism.	Strong hair needs the same minerals (Ca, P, trace Zn) that bones do.	Low-bone clients (osteopenia, post- partum) often show hair fall – treat both.
Governed by Bhrajaka Pitta + Vyāna Vāta + Śleṣaka Kapha	Pigment & shine (Pitta), circulation (Vāta), sebum-lubrication (Kapha).	Target the dominant sub-doşa when formulating oils/serums.
Nourished via Rasavaha & Medovaha Srotas	Blood/lymph micro-flow & sebaceous pathways.	Steam or scalp dhāra opens these channels before applying active taila.

2. Anatomy Snapshot (for non-biologists)

- Hair Shaft: Dead keratin layers ⇒ cuticle (shine), cortex (strength), medulla (sometimes absent in fine hairs).
- Follicle Bulb: Living root with melanocytes (pigment) & dermal papilla (blood supply).
- **Sebaceous Gland:** Opens into follicle; Kapha seat producing sebum.
- Arrector Pili Muscle: Tiny Vāta-governed muscle goose-bump reflex.

Ayur-Key: When we say "nourish hair," we mean feeding the *follicle* via blood & oil, not the already-dead shaft.

3. Doshic Classification of Hair Types

Parameter	Vāta Dominant	Pitta Dominant	Kapha Dominant
Thickness	Fine, brittle	Medium, silky	Thick, coarse
Porosity / Moisture	Very dry, frizzy	Normal-leaning dry	Oily, heavy
Growth Speed	Irregular spurts	Fast	Slow but prolonged
Natural Colour	Dull brown / grey early	Coppery / auburn tinge	Jet black, lustrous
Typical Imbalance	Split ends, telogen effluvium, alopecia areata	Premature greying, inflammatory scalp, thinning	Oily dandruff, folliculitis, pilar keratosis
Ideal Oils	Sesame-bala, almond-ashwagandha	Coconut-brahmi, neem-sandal	Mustard-karanja, lightweight bhringraj
Best Rasāyana	Ashwagandha ghṛita, dates-almond	Amla, manjishtha-saariva	Triphala, trikatu-honey

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Mixed Types

- **Vāta-Pitta:** Dry but inflamed → needs cooling *and* lipid.
- Kapha-Pitta: Oily scalp plus itchy redness → anti-fungal + anti-inflammatory.

4. Ayurvedic Scalp-Condition Taxonomy

Classical Term	Modern Equivalent	Dominant Doșa	Hallmark	First-Line Management
Indralupta	Alopecia areata / totalis	Vāta-Pitta	Sudden smooth patches	Sneha basti, leeching borders + bhringraj taila
Khalitya	Androgenic / diffuse baldness	Pitta-Kapha	Vertex & temple miniaturisation	Lekhana abhyanga, mild virechana, rosemary-neeli serum
Darunaka	Seborrhoeic dermatitis	Kapha-Vāta	Greasy flakes, itch	Nimba-karanjā taila dhāra + probiotic mist
Arunshika / Pittika	Folliculitis decalvans	Pitta-Rakta	Painful pustules & scabs	Cooling virechana, neem-lajwanti lepa
Palitya	Premature greying	Pitta + Agni imbalance	< 30 yrs grey strands	Amla-nabhasa rasāyana, triphala hair rinse

5. Practical Diagnosis Flow (Chair-Side)

- 1. **Look** sheen, thickness, colour, scalp flakes.
- 2. Touch shaft roughness (Vāta), greasy film (Kapha), warmth (Pitta).
- 3. **Ask** premature greying? sudden shed after stress? seborrhoea since puberty?
- 4. Link to Doşa & Srotas:
 - Greasy roots + large pores → Kapha / Medovaha block.
 - Burning scalp + redness → Pitta / Raktavaha heat.
 - \circ Flaky, flying strands \rightarrow Vāta / Rasavaha depletion.
- 5. **Plan** internal + external synergy (detailed in later parts of this module).

Key Take-Aways

- Hair = upadhātu of Asthi → bone-nourishing rasāyana helps follicles.
- Classify **both hair shaft & scalp state**; many cases are mixed.
- Map doşa to specific oils, herbs & Panchakarma picks for targeted success.

Remember: "Gloss outside begins with dhātu juice inside."

Part 2 — Herbal Oils & Treatments for Hair Strengthening

(The "Big-Four" Botanicals: Bhrngarāja, Brāhmī, Āmalakī & Coconut)

1. Why These Four Are Classics

Herb / Base	Sanskrit Name	Core Guṇa-Vīrya‡		Dosha Target
Bhringraj	Bhrุngarāja (Eclipta alba)	Tikta-kaţu, Śīta	Up-regulates $\beta\text{-catenin} \rightarrow \text{anagen kick-start};$ darkens hair	Vāta-Pitta

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Herb / Base	Sanskrit Name	Core Guṇa-Virya‡	Follicle Benefit	Dosha Target
Brahmi	Brāhmī (Bacopa monnieri / Centella asiatica)	Tikta-kaṣāya, Śīta	Antioxidant; increases micro-circulation; anti-stress	Pitta-Vāta
Amla	Āmalakī (Emblica officinalis)	Amla-rasa, Śīta	Vitamin-C rich; collagen co-factor; prevents premature greying	Pitta
Coconut (Base)	Nārikela	Madhura, Śīta	Penetrates cortex; reduces protein loss; natural SPF ~8	Pitta-Kapha

 $\ddagger Guṇa = qualities, Virya = heating/cooling potency.$

2. Preparing Therapeutic Oils — Three Proven Techniques

Method	When to Use	3-Line How-To	Pros	Cons
Classical Sneha-Pāka	Full-service clinic, deep potency	Decoction + paste + oil cooked till water evaporates.	Very stable; multi-herb synergy.	3-4 h simmer; needs constant stirring.
Solar (Sūrya-Tāpa) Infusion	Small spa batches, low heat herbs	Fill glass jar ½ herbs ½ oil; sun-warm 21 days, shake daily.	Minimal equipment, preserves volatile actives.	Not ideal in humid / rainy season.
CO ₂ /Cold-Press Blending	Retail lab, GMP	Buy CO_2 extracts; dilute 0.3-1 % into fractionated coconut or sesame.	Repeatable, quick; strong actives.	Costly extracts; needs nitrogen flushing.

3. Signature Formulations (100 ml each — scale as needed)

3.1 Neelibhringādi Taila (Clinic-Grade Strength)

Best for: premature greying, androgenic thinning.

Ingredients	Qty
Sesame oil (base)	60 ml
Coconut oil	25 ml
Fresh Bhringraj paste	6 g
Fresh Indigo (Neeli) leaves	5 g
Amla coarse powder	4 g
Goat's milk	100 m
Licorice powder	2 g

Sneha-Pāka: Boil herbs in milk + 400 ml water \rightarrow reduce to 100 ml; add oils; cook on low heat until frothing clears and a drop of taila floats clean on water. Cool \leq 45 °C; strain; add 0.6 ml vitamin E.

3.2 Brahmi-Amla Nervine Scalp Serum (Lightweight, Leave-On)

Best for: stress-shedding, migraine scalp.

Ingredients	Qty
Fractionated coconut oil	40 ml
Jojoba oil	30 ml

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Ingredients Qty

Brahmi CO_2 extract (Centella) 0.3 ml (0.5 %) Amla oil-soluble extract 0.6 ml (1 %) Rosemary antioxidant 0.2 ml Lavender EO (0.25 %) 0.25 ml

Shake under nitrogen; store amber dropper.

3.3 Triple-Action Hair-Spa Mask

Oil phase + herbal paste + steam — single-use salon ritual.

Component Portion Key Herbs

Pre-Oil (warm) 10 ml Neelibhringādi Opens follicle, liquifies Kapha sebum **Herbal Mud Pack** 25 g (Amla + Brahmi + Aloe pulp) Infuses antioxidants, tightens cuticle

Steam-Cap 8 min moist heat Enhances absorption

Cool Rinse Triphala-Amla pH 4 splash Seals cuticle

4. Dosha-Tailored Application Guides

Doşhic State Quantity & Frequency Massage Style Companion Internal

Vāta Dry-Shed

2 tsp warm Sesame-Bhringraj oil,
Slow circular pads, 10 min Dashamoola ghrita 5 ml HS

4×/week

Pitta Heat-Thinning 1 tsp cool Brahmi-Amla serum, daily night Gentle fingertip tapping, 5 min Coriander-fennel tea 3×/day

Kapha Oily-Dandruff 1 tsp Mustard-Neem blend, alt-night Brisk knuckle rub, 7 min Trikatu ½ tsp pre-breakfast

5. Combining Oils with Other Modalities

ConditionAdd-On PanchakarmaFunctionAlopecia areataMicro Raktamokṣaṇa (leech) around patchEnhances blood supplySeborrhoeic scalpTaila-Dhāra 30 min Nimba-Karanjā oilAntifungal with penetrationPost-chemo hair regrowthŚirodhara with Brahmi taila + gentle nasyaCalms Vāta, improves sleep

6. Contra-Indications & Safety

- Bakuchi or Karanja oils avoid in pregnancy, photosensitivity.
- **Mustard oil** patch-test; can irritate Pitta scalps.
- **High-grade essential oils** > 0.5 % may sting seborrhoeic skin.
- Keep all sneha in dark glass ≤ 25 °C; discard if rancid odour.

7. Quick Reference "Which Oil When?" Table

Goal Week-1 Quick Win Month-1 Deeper Month-3 Maintenance

Strengthen shaft Coconut-amla overnight Neelibhringādi 2×/wk Bhringraj serum 1×/wk

Stop stress-shed Brahmi scalp mist daily Brahmi-Amla serum + Nasya Ashwagandha latte HS

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Goal	Week-1 Quick Win	Month-1 Deeper	Month-3 Maintenance
Darken early greys	Indigo-heena gloss	Neelibhringādi dhāra series	Amla rinse after every wash
Clear oily flakes	Nimba-tulsi foam wash	Mustard-karanja oil-steam	Hibiscus probiotic mist alt-day

Key Take-Aways

- 1. Choose your **base oil** for dosha & climate (sesame \rightarrow warming; coconut \rightarrow cooling).
- 2. Infuse with **target herbs**: Bhringraj (growth), Brahmi (stress), Amla (pigment).
- Use technique hierarchy: Sneha-pāka (deep clinic potency) → Solar infusion (home DIY) → CO₂ blend (retail GMP).
- 4. Marry oil therapy with **internal rasāyana & lifestyle tweaks** for sustained results.

"Feed the follicle from above with oil and from within with rasa"— only then does true Ayurvedic hair strength unfold.

Part 3 — Managing Three Everyday Complaints

(Dandruff · Hair-Fall · Premature Greying)

0. Snapshot Table — Compare at a Glance

Complaint	Classical Term	Doșa & Srotas at Fault	Fast Visual Clues	1-Line Ayur Strategy
Dandruff / Itchy Flakes	Darunaka	Kapha + Vāta · Medovaha & Svedavaha	Greasy or dry white flakes, itchy beard or scalp	Melt Kapha, pacify Vāta, balance scalp microbiome
Hair-Fall / Thinning	Khalitya (AGA / diffuse) or Indralupta (patchy)	Vāta-Pitta (diffuse) or Pitta- Kapha (pattern) · Rasavaha / Raktavaha	Visible shed in shower, widening part, smooth patches	Re-lubricate Vāta or cool Pitta, stimulate follicle anagen
Premature Greying	Pāliţya	Pitta[in Bhrajaka + Vāta dryness · Rasavaha / Raktavaha	< 30 yrs grey strands starting at temples or crown	Cool Pitta, nourish pigment cells, antioxidant rasāyana

1. Darunaka — Ayurvedic Dandruff Protocol (21 Days)

Layer	Remedy	Why It Works	How Often
Cleanse	Neem-Tulsi Low-Foam (Cat 5 F-1, 1 pump)	Antifungal, lifts Kapha sebum	Alternate days
De-Scale	Lodhra-Salicylic Gel Mask (Ch 9 F-4)	Keratolytic; lodhra astringes pores	2× week, 10 min
Oil Treatment	Nimba-Karanjā Taila-Dhāra (Ch 9 F-A)	Penetrates follicle, reduces yeast	Clinic: days 3-6-9-12 (30 min)
Microbiome Rinse	Hibiscus-Probiotic Mist (Cat 5 F-8)	Re-seeds friendly flora	4 sprays, 3× day
Internal	- Triphala guggulu 500 mg HS		
Coriander-fennel infusion500 ml/d	Scrapes Medas; cools Pitta	21 days	
Lifestyle	No cheese, beer, or night-shades; brisk walk AM	Removes Kapha + Āma	Daily

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Expected: 50 % itch drop Day 7, visible flake \downarrow > 70 % by Day 21.

2. Hair-Fall (Khalitya/Indralupta) — 60-Day Dual Path

2.1 Diagnose FIRST

Pull-test > 6 hairs out of 60 = active telogen.

Dermoscope miniaturised hairs > 20 % = androgenic.

2.2 Vāta-Dominant Diffuse Shed (Telogen)

Pillar Tool Notes

Internal Lubrication Bala-Ashwagandha Ghrita 20 ml HS (Ch 6) Nourish Vāta-depleted follicle

Matra Basti 60 ml Kṣīra-Bala taila, 5 nights Deep tissue oiling

Topical Brahmi-Amla Serum nightly massage Anti-oxidant + micro-circulation

Stress Brake 12 min Yoga-Nidra; Ashwagandha 300 mg AM Normalize cortisol

Goal: Pull-test normal (< 3) by Day 45; density +10 % at Day 60.

2.3 Pitta-Kapha Pattern Loss (Androgenic)

Pillar Tool Notes

Lekhana Abhyanga Sesame-mustard + Kolakulathādi powder, 25 min alt-days (Ch 6) Scrapes Kapha plugs **Mṛdu Virechana** Avipatti choōrṇa 8 g once Purge Pitta heat

Follicle Stim Rosemary-Neeli Serum (Cat 6 F-6) + Kesharāja Tonic Spray DHT modulation

Nasya Anu taila 4 drops/d Enhances scalp prāṇa flow

Goal: Hair calibre ↑, vellus: terminal ratio ↓ 15 % in 8 weeks.

3. Premature Greying (Pālitya) — 90-Day Colour-Save Plan

Step Tool Action

Gentle Virechana 6 g Triphala choōrna in warm water Off-load Pitta & metals

Pigment Oil Neelibhringādi Taila (Ch 3 P-2) warm, 3× week, 2 h Supplies tyrosinase activators & BH₄ co-factor

Herbal TeaAmla-Triphala Glow Tea (Cat 7 F-5) AM cupHigh Vitamin-C & antioxidantNutri-Supplement Copper 2 mg + B-complex (integration)Melanin enzyme co-factorsScalp PacksAmla-henna-coffee gloss, 20 min each 2 weeksNatural tint + collagen boost

Stress Coolant Sheetali breath 50 rounds dusk Pitta down-shift

Milestone: Halting new greys by Month 3; 10-25 % re-pigmented strands along hairline in dedicated clients at Month 6.

4. Quick "Cheat Card" for Practitioners

See / Feel Think Do

Greasy yellow flakes smell Kapha-Darunaka Neem foam → Karanja dhāra Tight scalp, fine shed after illness Vāta Telogen Bala ghṛita → Brahmi serum

Burning scalp, red pimples, shed Pitta-Indralupta Virechana → Cooling gotu kola mist

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See / Feel Think DoSudden silver strands with acidity Pitta Greying Amla tea + Neelibhringādi

Key Take-Aways

- Map Doşa → choose oil weight & herbs. Heavy sesame for Vāta, cooling coconut for Pitta, mustard-karanja for Kapha.
- 2. Clear Srotas before you feed follicle. Steam or dhāra first, serum second.
- 3. **Synchronise internal & external.** Triphala guggulu without an antifungal dhāra = half result; likewise, oil alone with junk diet = rebound.
- 4. Track metrics every 3-4 weeks (shed counts, scalp photos) to refine protocol.

Mantra: "Open \rightarrow Cleanse \rightarrow Cool/Heat-balance \rightarrow Nourish \rightarrow Stimulate." Follow that sequence and most common hair woes resolve within one to three months—even for clients new to Ayurveda.

Part 4 — Diet & Lifestyle: The Hidden 70 % of Hair Therapy

"Oil on the scalp is only as good as the oil in the pan that cooked last night's dinner."

—Modern adaptation of Suśruta wisdom

1. Why Food Comes Before Follicle-Serum

- 1. Hair = Upadhātu of Asthi (bone).
 - Calcium, protein and trace minerals must first cross the gut wall; no topical can replace a missing dhātu-building block.
- 2. Agni dictates absorption. Weak digestive fire = expensive supplements in, expensive urine out.
- 3. **Prāṇa follows routine.** Erratic sleep, blue-light nights and sedentary days disturb *Vyāna Vāta*—the microcirculation that feeds dermal papillae.

Hence: **Dietary inputs + Lifestyle rhythms** ≈ **70** % **of sustainable hair results**, with oils, lepas and Panchakarma delivering the finishing 30 %.

2. Doșha-Wise Food Guidelines

Doșha Predominance*	"Hair-Happy" Foods	Foods that Sabotage
Vāta (dry, brittle)	Warm porridge with ghee, sesame laddus, soaked almonds, avocado, root soups	Dry crackers, ice-cold smoothies, excessive caffeine, intermittent fasting without guidance
Pitta (greying, inflamed scalp)	Amla, coriander chutney, coconut water, cucumber, mung-bean khichadi, aloe vera juice	Chillies, fermented pickles, alcohol, deep- fried snacks, canned tomato sauces
Kapha (oily dandruff, sluggish growth)	Millets, barley, horse-gram soup, steamed greens with trikatu sprinkle, ginger-lime water	Cheese, sugar pastries, red meat in excess, iced drinks, heavy desserts

^{*}For mixed constitutions blend the columns (e.g., Pitta-Kapha chooses cool yet light grains).

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3. Nutrient Check-List (Modern + Ayur Lens)

Nutrient	Classical Parallel	Food & Dose	Hair Function
Complete Protein	Māṃsa-dhātu builder	1 g/kg body-weight from dal, quinoa, paneer, lean fish	Keratin shaft strength
Iron & B-12	Rakta nourishment	Amla-jaggery chutney (iron) + dairy/eggs/B-12 tab (veg)	Prevents telogen effluvium, pale scalp
Omega-3 (EPA/DHA or ALA)	Lubricates <i>Vāta</i>	1 tbsp flax-seed or 2 fish oil caps	Anti-inflammatory sebum balance
Vitamin C	Amla rasa	1 fresh amla or $\frac{1}{2}$ cup guava	Collagen cross-link, iron uptake
Zinc & Copper	Pigment cofactors	Handful pumpkin seeds (zinc) + sesame/gun-powder spice (copper)	Enzyme for melanin, anagen support

Rule-of-thumb: Build every plate around "PCF"—Protein, Colourful produce, Fat source.

4. Timing & Agni Hacks (Dinacharya for Hair)

Clock	Action	Why Follicles Love It
7-9 a.m.	Protein-rich warm breakfast	Matches Kapha window; fuels keratin synthesis all day
10 a.m.	250 ml lukewarm water sip	Hydrates Rasavaha srotas; thins sebum
12-1 p.m.	Heaviest meal; include bitter greens	Peak Pitta digests minerals, clears āma
4 p.m.	Amla-Triphala "glow tea"	Antioxidant boost before evening stress
6 p.m.	Sunset walk, 15 min	Micro-circulation to scalp, reduces cortisol
9:30 p.m.	Warm golden milk (turmeric-ghee)	Lubes Vāta; triggers growth-hormone sleep cycle
10 p.m.	Lights out, devices off	Melatonin and IGF-1 optimal for hair matrix cells

5. Lifestyle Levers Beyond the Plate

Lever	Dosha Effect	Simple Habit	
Sleep 10 p.m6 a.m.	Calms <i>Vāta,</i> rebuilds ojas	Blue-light filter + wind-down playlist	
Exercise (45 min/day, sweat without exhaustion)	Mobilises <i>Kapha</i> , oxygenates follicles	Brisk walking, Surya-Namaskar sets	
Stress Alchemy	Controls cortisol-driven shedding	12 min Bhrāmarī + 5 deep belly laughs	
Scalp "Hygiene Minimalism"	Preserves healthy microbiome	Shampoo max 3×/wk; avoid SLS; prefer herbal foams	
Seasonal Tweaks (Ritucharya)	Prevents cyclical flares	Add sesame laddus in winter; switch to coconutwater spritz in summer	

6. Seven-Day Sample Menu (Vāta-Pitta Balanced)*

Meal	Monday Example	Key Hair Inputs
Breakfast	Moong-dal dosa + sesame-ginger chutney	Complete protein + calcium
Mid-morning	1 amla + handful soaked raisins	Vit C, iron
Lunch	Quinoa-vegetable khichadi, beet-raita, coriander salad	Folate, betaine, probiotics
Snack	Roasted pumpkin seeds + coconut water	Zinc, electrolytes

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Meal **Monday Example Key Hair Inputs**

Barley-veg soup, ghee drizzle, grilled asparagus Dinner

Bedtime Drink Turmeric-ghee almond milk

Silica, healthy fat Tryptophan, omega-9

7. Red-Flag Eating Patterns That Sabotage Hair Plans

- Crash diets / juice cleanses → instant telogen effluvium.
- Excess whey shakes in Pitta types → cystic scalp acne.
- **Night-owl snacking** (chips, cola) → Kapha seborrhoea spikes.
- Over-fermented kombucha in Vāta → bloating → poor nutrient uptake.

8. Practitioner's Checklist at Follow-Up

1. **Meal Frequency:** 3 solid + 2 light? 2. Water Intake: at least 30 ml/kg/day?

3. Bowel Regularity: daily soft? 4. Sleep Hours & Quality: 6.5-8?

5. **Stress Score (1-10):** < 5?

6. Supplement Compliance: iron/omega-3 taken?

7. Visible Outcomes: pull-test, scalp micro-photo compared.

If \geq 3 "No," adjust diet/lifestyle **before** intensifying topical or Panchakarma tools.

Key Take-Aways

- 1. **Nutrition** → **Rasa & Rakta** → **Hair**: quality inside shows outside.
- 2. **Agni timing** is as important as ingredient list—eat main meal at noon.
- 3. **Lifestyle rhythm** (sleep, exercise, stress) stabilises *Vyāna Vāta*—the courier delivering nutrients to follicles.
- 4. Season-smart tweaks prevent recurrent dandruff, sweat-grease, dry shedding.
- 5. Educate clients that consistency, not an exotic superfood, is the secret; the fanciest bhringraj oil cannot compensate for a soda-and-skip-breakfast lifestyle.

Mantra: "Feed the fire, calm the wind, drain the phlegm—hair will thrive."



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^{*}Kapha-dominant clients remove raisins & coconut water, increase ginger-lime.

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