



Dependable Treatment for
**Chronic Skin &
Skin Structure Infections**



Contributes to the maintenance of normal
SKIN HEALTH
ENSURES BEAUTY FROM WITHIN

Fights Skin
Infection & Allergies

Powerful
Against Pathogens

Amypure

✓ Repairs ✓ Revives ✓ Rejuvenates Skin Naturally!

Amypure

**FIGHTS SKIN
INFECTIONS & ALLERGIES**

CONTROLS SKIN INFECTIONS EFFECTIVELY

Acts as anti-microbial against various strains of bacteria from a number of genera viz. staphylococcus, enterococcus, pseudomonas, klebsiella etc. thus checks skin infections.

CORRECTS & PREVENTS SKIN ALLERGIES

Protects skin against allergens, exerts mast cell stabilizing effect and anti-histaminic effects.

NOURISHES & TONES SKIN

Improves micro-vascular blood circulation, tone micro-vascularity and preserve endothelial function.



REDUCES SKIN INFLAMMATION

Shows significant anti-inflammatory activity by suppressing the inflammatory mediators and pro-inflammatory cytokins.

DETOXIFIES IMPURITIES

Modulates detoxification process, improves elimination of toxins & protects from cytotoxic, genotoxic and metabolic toxicants.

ACTS AS ANTI-OXIDANT

Protects cell integrity by inhibiting oxidative damage to the lipids layer of the membrane, regenerates and repairs skin.

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EXERTS WIDE SPECTRUM ANTI-BACTERIAL ACTIVITY

Azadirachta indica (Neem) extract due to presence of alkaloids, tannins, flavonoids i.e Nimbodin, Azadirachtin exerts effects against bacterial strains. i.e *E.coli*, *B. Subtilis*, *S. Typhii*, *Pseudomonas*, *S. Aureus*, *Klebsiella Pneumoniae*. oil from seeds, bark, leaves possess a wide spectrum of antibacterial action against Gram +ve and Gram -ve bacterias.

(World Journal Pharmacy & Pharmaceutical Sci. 3(7), 388-398, 2014)

Curcuma longa (Haridra) extract exhibited broad spectrum of activity Against *E.coli* (ZOI 27 mm), followed by *S.typhi* (24mm), *E. faecalis* (23mm), *S.aureus* (20mm), *Salmonella paratyphi*, *Chromobacterium violaceum* (19mm).

Curcuma longa has the potential to restore effectiveness of β -lactams against MRSA (Methicillin –resistant staphylococcus aureus).

(WJPPS, 3(7), 388-398, 2014)

(Skin pharmacol App skin physiol, 2003)

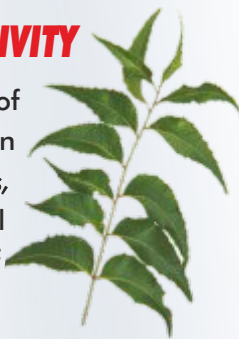
Fagonia cretica (Dhamsa) exerts strong antibacterial effect due to presence of flavonoid that complex with extracellular & soluble proteins with bacterial cell walls. Presence of

tannins and saponin contribute to antimicrobial activity, as tannins inactivate microbial adhesion enzymes, cell envelop transport proteins. Presence of alkaloids also justifies antimicrobial activity against number of micro-organisms.

Anti microbial activity of *Fagonia cretica* Aq. extract

Strains	Dose (mg)	Zone of Inhibition (mm)
<i>S.aureus</i>	1	16±0.272
	2	18±0.272
<i>P.aeruginosa</i>	1	16.2±0.00
	2	18.1±0.00
<i>E.coli</i>	1	15.4±0.544
	2	16.3±0.00
<i>B. subtilis</i>	1	10.5±0.60
	2	10.6±0.544
<i>S.epidermis</i>	1	12±0.544
	2	14±0.17

(J. Pharmacy & Res. 4(4), 962-963, 2011)



KILLS EVEN MULTI-DRUG RESISTANT BACTERIA

Tribulus terrestris (Gokhru) extract exerts antibacterial activity against multi drug resistant bacteria such as *S.pyrogens*, *Pseudomonas aerugenosa*, *E.coli*, *B.subtilis* & *S. aureus*.

(WJPPS, 3(7), 388-398, 2014)

In an experimental study, extracts of **Hemidesmus indicus** (Sariva), **Psorelea corylifolia** (Bakuchi) & **Acacia catechu** (Khadir) in different conc. have been found to inhibit the growth of *S.aureus*.

(J. Ethnopharmacol., 58, 175-83, 1997)

INHIBITS BACTERIAL WALL SYNTHESIS

Plant extract act by inhibiting bacterial wall synthesis & or combines with 50 S ribosome & interferes with translocation, thus, inhibits bacterial protein synthesis at the cellular level. Thus, gram+ve bacteria are more susceptible towards plants extract as compared to gram -ve bacteria.

Shows Anti-fungal activity

Psorelea corylifolia (Bakuchi) contains Psoralean. It exerts antifungal activity against pathogens causing infection and it reduces inflammation & itching. It is effective against Psoriasis, dermatitis, fungal infections of skin.

Dermatophytes are major cause of superficial mycoses, Extract of **Azadirachta indica** (Neem) exerts high anti-dermatophytic properties. Neem extract at conc. of 15 μ g/ml distorts the growth pattern of organisms (*Trychophyton rubrum*, *Trychophyton mentagrophytes*, *Microsporum nanum*, *Epidermophyton floccosum*) in various skin infections. (Ind. J. Med. Microbiol. 21, 98-101, 2003)



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REDUCES CHRONIC INFLAMMATION OF SKIN

A clinical study on **Albizia lebeck** (Shirish), **Hemidesmus indicus** (Sariva), **Melia azedarach** (Bakayan), **Acacia catechu** (Khadir) was carried out on 33 patients for 60 days at OPD & IPD of IPGT & RA, Gujrat Ayurved University, Jam nagar. The plant provided a significant relief in signs & symptoms as well as eosinophil count of patients of eczema. The therapy provided significant relief in symptoms of Itching (93.9%), Burning sensation (100%), Eruptions (93%), Hyper-pigmentation (79.3%) and Thickening of skin (72.5%). Therapy provides significant relief to both type of eczema (dry or wet) as it relieved discharges by 95.8% & dryness by 97%.

Effect of eight week treatment on sign and symptoms of Eczema

Symptoms	Score		% improvement
	Before Treatment	After treatment	
Burning sensation	1.3	0	100
Eruptions	1.7	0.1	93
Dryness	1.0	0.03	97
Irritation	0.9	0.03	96.6
Disturbed sleep	0.6	0	100
Cracking	0.3	0.09	66.7
Bleeding	0.5	0.03	93.7
General debility	1.09	0.9	19.3
Constipation	0.8	0.7	14.1

(AYU-30 (1), 16-21, 2009)

Anti-inflammatory effect of **Tinospora cordifolia** (Guduchi) in acute & sub acute inflammations is beneficial in acute & sub acute stages of eczema. The histological changes like parakeratosis are produced during sub acute and chronic stages of eczema, as a result of increased epidermal cell turnover due to inflammation. Thus, anti-inflammatory property with immunomodulating effect of **Tinospora cordifolia** is highly efficient in eczema contributing to reversal of pathologies of Parakeratosis & Acanthosis.

(Int. J. Res. Ayurveda Pharm. 4(6), 820-824, 2013)



Swertia chirata (Chirayata) extract suppresses carrageenan induced oedema significantly (43.6%) by reducing various inflammatory mediators like 5-HT and bradykinin and Prostaglandin's. It possessed marked activity in granuloma pouch model (54.8%) and significant activity (42.8%) in cotton pellet granuloma model. The anti-inflammatory effects were comparable to that of Phenyl butazone and betamethasone.

(Fitoterapia, 63, 122, 1992)

The Preliminary clinical study of **Rubia cordifolia** (Manjistha) in case of vicharachika-eczema showed improvement in various symptoms of eczema. i.e exudation, secondary infections and itching. The mean basal severity score of 18 patient's before treatment and at the end of 2 weeks period was 9.86+5.1 and 3.72+0.12 respectively.

(IOSR-JDMS 13 (10), 94-97, 2014)

INHIBITS HISTAMINE RELEASE, CONTROLS SKIN ALLERGIES



Histamine plays a major role in allergic diseases & its action is mediated mainly by histamine H1 receptor (H1R) and Histidine decarboxylase (HDC) genes. Their expression level affects severity of allergic symptoms. Extract of **Albizia lebeck** (Shirish) acts on H1R and HDC gene expression in Toluene 2,4-diisocyanate (TDI) sensitized allergy model. Pre-treatment with **A. lebeck** suppresses TDI induced H1R & HDC mRNA elevation as well as up regulation of IL-4, IL-5, IL-13 mRNA. Thus, proving to be a promising candidate as anti-allergic drug.

(IRJP, 3(5), 63-68, 2012)

Extract of **C.rotundus** (Nargarmotha) contains sesquiterpene derivatives (Valencene, nootkatone & caryophyllene α -oxide which strongly inhibit 5-lipoxygenase-catalyzed Leukotriene production and also β -hexosaminidase degranulation by inhibiting the initial activation reaction. It is concluded that **C.rotundus** and its constituents exert anti-allergic activity *in-vitro* and *in-vivo* against immediate as well as delayed type hyper sensitivity reaction.

(Arch. Pharm Res. 34(2), 223-228, 2011)



(Planta Medica 63, 225-256, 1997)

Azadirachta indica (Neem) & **Hemidesmus indica** (Sariva) contains Bioflavonoids like Quercetin, Rutin etc. which are known to act by inhibiting histamine release resulting in various skin affections. Flavonoids inhibit enzymes that increases histamine release from mast cells and basophils e.g Cyclic AMP phosphodiesterases act by blocking intracellular reservoir of histamine.

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EXCLUSIVE BENEFITS

- Works effectively against chronic Skin infections
- Checks Skin Allergies & Prevents Recurrence.
- Helps heal skin wounds faster.
- Acts as a natural skin tonic.
- Safe on long term usage.
- Can be safely co-prescribed with anti-biotics, anti-fungal drugs.

INDICATIONS

- ★ Chronic skin infections ★ Boils
- ★ Chronic skin allergies ★ Urticaria
- ★ allied inflammatory skin conditions
or as directed by the Physician.

DOSAGE

SYRUP

ADULTS (MEN AND WOMEN):

2 teaspoonful 3 times daily

CHILDREN (3-6 YEARS):

1/2 teaspoonful 2 times daily

CHILDREN (7-12 YEARS):

1 teaspoonful 2 times daily

or as directed by the Physician.

TABLETS

ADULTS (MEN AND WOMEN):

2 tablets twice a day

CHILDREN (7-12 YEARS):

1 tablet twice a day.

or as directed by the Physician

