

**GMP Certified Company**



# **D-IMMUNOVISTA<sup>TM</sup>**

---

## **T A B L E T**



**Product Info**

**\*For the use of Registered Medical Practitioner or Clinic or Hospital Only**

**PRODUCT BRIEF :**

Ayurvedic Proprietary Medicine

**COMPOSITION :**

Each tablet composed with,

Ashwagandha Ghana

(Aq. Ext. of Withania somnifera Roots) 90 mg

Guduchi Ghana

(Aq. Ext. of Tinospora cordifolia Stem) 90 mg

Amalaki Ghana

(Aq. Ext. of Emblica officinalis Fruits) 90 mg

Haridra Ghana

(Aq. Ext. of Curcuma longa Rhizome) 90 mg

Excipients & Preservatives Q.S.

**DOSAGE AND ADMINISTRATION :**

1-2 tablets 2 times in a day or as directed by the physician.

**INDICATIONS :**

1. As a natural anti-oxidant.
2. As a natural immunomodulator and immunobooster.
3. As a natural anti-stress and anti-anxiety.
4. In general sickness.
5. In disease convalescence .
6. As an adjuvant to palliative therapy.

**ASHWAGANDHA -  
OVERVIEW :**

Ashwagandha also referred to as *Withania Somnifera* is a traditional medicinal herb with multiple health benefits.

It has hormone balancing, anti-inflammatory, antioxidant properties which can prevent and treat a number of diseases. Ashwagandha is popularly used for boosting immunity, anti-ageing, joint pain and insomnia. Due to its active ingredient called *Withanolides*, Ashwagandha is also used as an "adaptogen" to help the body cope with daily stress, as a general tonic and for improving thinking ability.

1. In several studies, Ashwagandha has been shown to normalise blood sugar levels.
2. It may have anticancer properties. Animal and test-tube studies have shown that ashwagandha promotes the death of tumor cells and may be effective against several types of cancer.
3. It Can Reduce Cortisol Levels- Ashwagandha supplements may help lower cortisol levels in chronically stressed individuals.
4. It Helps Reduce Stress and Anxiety-Ashwagandha is perhaps best known for its ability to reduce stress.
5. It May Reduce Symptoms of Depression.
6. It Can Boost Testosterone and Increase Fertility in Men-Ashwagandha supplements may have powerful effects on testosterone levels and reproductive health .
7. It May Increase Muscle Mass and Strength.
8. It May have Inflammatory properties.
9. It May Lower Cholesterol and Triglycerides
10. It May Improve Brain Function, Including Memory-Ashwagandha supplements may improve brain function, memory, reaction times and the ability to perform tasks.
11. Ashwagandha Helps Boosts Thyroid Function -It has a thyroid hormone balancing effect.
12. Ashwagandha Aids With Joint Pain.
13. It acts as an antifatigue and helps to reduce oxidative stress from the systems.
14. It is described as *rasayana* in text and it may help to prolong or reduce degenerative changes of the tissue systems.

## **TURMERIC**

### **OVERVIEW:**

Curcumin of curcuma is an active ingredient in turmeric, and it has powerful biological properties. Ayurvedic medicine, a traditional Indian system of treatment, recommends turmeric for a variety of health conditions. These include chronic pain and inflammation. Western medicine has begun to study turmeric as a pain reliever and healing agent.

1. It's anti-inflammatory - This anti-inflammatory ability might reduce the aggravation that people with arthritis feel in their joints.
2. It can relieve pain - The spice can relieve arthritis pain as well.
3. It improves liver function and helps to normalise physiology of enzymatic secretions - Turmeric has been getting attention recently because of its antioxidant abilities. The antioxidant effect of turmeric appears to be so powerful that it may stop your liver from being damaged by toxins. This could be good news for people who take strong drugs for diabetes or other health conditions that might hurt their liver with long-term use.
4. It may help reduce the risk of cancer - Curcumin shows promise as a cancer treatment.
5. It can aid your digestion - Turmeric can also play an important role in digesting the food. Because of its antioxidant and anti-inflammatory properties, turmeric can contribute to healthy digestion. It's used in ayurvedic medicine as a digestive healing agent. Turmeric is even being explored as a treatment for irritable bowel syndrome.
6. It helps to accelerate the physiology and wound healing.

## **GUDUCHI**

### **OVERVIEW :**

*Tinospora cordifolia* commonly named as “Guduchi” is known for its immense application in the treatment of various diseases in the traditional ayurvedic literature. It has anti-diabetic, anti-spasmodic, anti-inflammatory, anti-arthritis, anti-oxidant, anti-allergic, anti-stress, anti-leprotic, anti-malarial, hepatoprotective, immunomodulatory and anti-neoplastic activities.

A myriad of biologically active compounds, including alkaloids, diterpenoid lactones, glycosides, steroids, sesquiterpenoid, phenolics, aliphatic compounds, and polysaccharides have been isolated from different parts of the plant body. These compounds have been reported to have different biological roles in disease conditions thus enabling potential application in clinical research.

It has :-

1. Immunomodulatory property
2. Anti-diabetes property
3. Anti-toxic effects
4. Anti-arthritis, anti-osteoporotic effects
5. Anti-cancer effects
6. Anti-microbial activity
7. It helps to normalise physiology of cardiovascular systems
8. Guduchi and turmeric together accelerate the process of collateral formation in cardiac vasculature.

---

## **AMLA :**

### **OVERVIEW :**

Amla benefits our body through natural healing properties. Ayurveda mentions that special properties of rejuvenation and revitalizing of the entire body systems lie in amla. It contains vitamin C, calcium, and iron. Therefore, it can reduce body heat, digestive disorders, and do away with fatigue.

1. It has immunobooster and anti ageing properties.
2. For the digestion disorders like acidity, loss of hunger and hemorrhoids; the use of Amla in the form of medicines as well as diet is quite beneficial.
3. As a tonic for mental and physical fatigue.
4. Amla is a good for cough.
5. For immature graying and falling of the hair.
6. For Sore Throat and Cold.
7. Relief from Constipation
8. Amla has Anti-inflammatory properties
9. Weight loss –Amla improves metabolism and aids in faster digestion.

---

**CLINICAL STUDIES\* : (For reference only)****1. Immunomodulatory effects of *Tinospora cordifolia* (Guduchi) on macrophage activation.**

More P, \*Pai K (Research Article Biology and Medicine, 3 (2) Special Issue: 134-140, 2011)

**Abstract :** Macrophages are the first line of defense and constitute important participants in the bi-directional interaction between innate and specific immunity. Macrophages are in a quiescent form and are activated when given a stimulus. In the present study, we have used *Tinospora cordifolia*, commonly known as Guduchi, to see its effect on macrophage activation. The direct drug treatment to J774A cells showed activation as assessed by biochemical assays. Enhanced secretion of lysozyme by macrophage cell line J774A on treatment with *Tinospora cordifolia* and lipopolysaccharide was observed, suggesting activated state of macrophages. Enhanced lysozyme production was reported at different time intervals (24 hrs and 48 hrs). This led us to check the effect of the drug on the functional activity of macrophage with respect to microbicidal properties by disk diffusion antibiotic sensitivity test. The

enhanced inhibitory effects of *T. cordifolia* (direct effect) and *T. cordifolia* treated cell supernatant (indirect effect) on the bacteria (*E. coli*) indicates the susceptibility of bacteria. This study is an attempt to check the potential significance of the *T. cordifolia* to be used as immunomodulator for activation of macrophages.

## **2. Ancient Medicine, Modern Use : *Withania somnifera* and its Potential Role in Integrative Oncology**

Marie Winters, ND (Altern Med Rev 2006; 11(4):269-277)

### **Abstract :**

*Withania somnifera* Dunal, commonly known as ashwagandha, has been used for centuries in Ayurvedic medicine to increase longevity and vitality. Western research supports its polypharmaceutical use, confirming antioxidant, anti-inflammatory, immune-modulating, and anti stress properties in the whole plant extract and several separate constituents. This article reviews the literature pertaining to *Withania somnifera* and its botanical constituents as antitumor agents and in conjunction with radiation and chemotherapy treatment. Following a search of MEDLINE and EBSCO databases, it can be concluded that *Withania somnifera* reduces tumor cell proliferation while increasing overall animal survival time. Furthermore, it has been shown to enhance the effectiveness of radiation therapy while potentially mitigating undesirable side effects. *Withania somnifera* also reduces the side effects of chemotherapeutic agents cyclophosphamide and paclitaxel without interfering with the tumor-reducing actions of the drugs. These effects have been demonstrated in vitro on human cancer cell lines, and in vivo on animal subjects, but there have been no human trials to date. Given its broad spectrum of cytotoxic and tumor-sensitizing actions, *Withania somnifera* presents itself as a novel complementary therapy for integrative oncology care.

## **3. Bioactivity of Turmeric-Derived Curcuminoids and Related Metabolites in Breast Cancer**

Laura E. Wright Jen B. Frye, Bhavana Gorti, Barbara N. Timmermann, and Janet L. Funk (Curr pharm Des 2013;19(34): 6218-25)

### **Abstract :**

Turmeric has a rich history of medicinal use. Our findings demonstrated that polyphenolic curcuminoids were responsible for the anti-breast cancer activity of chemically complex turmeric extracts, and that a naturally-

occurring mixture of the three curcuminoids was as potent as the individual curcuminoids in inhibiting cancer cell growth and expression of the osteolytic factor PTHrP. We also demonstrated that curcuminoid metabolites, vanillin, ferulic acid and tetrahydrocurcuminoids were not potent inhibitors of breast cancer cell growth or secretion of osteolytic PTHrP, despite recent assertions that they are responsible for the bioactivity of curcuminoids. These studies emphasize the structural and biological importance of curcuminoids in the anti-cancer effect of turmeric.

#### **4. Therapeutic Potential and Recent Advances of Curcumin in the Treatment of Aging-Associated Diseases**

Sathish Sundar Dhillip Kumar , Nicolette Nadene Houreld and Heidi Abrahamse. *Molecules* 2018, 23, 835 & doi : 10.3390/ molecules 23040835

Laser Research Centre, Faculty of Health Sciences, University of Johannesburg, Johannesburg-2028, South Africa.

**Abstract :** Curcumin, a low molecular weight, lipophilic, major yellow natural polyphenolic, and the most well-known plant-derived compound, is extracted from the rhizomes of the turmeric (*Curcuma longa*) plant. Curcumin has been demonstrated as an effective therapeutic agent in traditional medicine for the treatment and prevention of different diseases. It has also shown a wide range of biological and pharmacological effects in drug delivery, and has actively been used for the treatment of aging-associated diseases, including cardiovascular diseases, atherosclerosis, neurodegenerative diseases, cancer, rheumatoid arthritis, ocular diseases, osteoporosis, diabetes, hypertension, chronic kidney diseases, chronic inflammation and infection. The functional application and therapeutic potential of curcumin in the treatment of aging-associated diseases is well documented in the literature. This review article focuses mainly on the potential role of plant-derived natural compounds such as curcumin, their mechanism of action and recent advances in the treatment of aging-associated diseases. Moreover, the review briefly recaps on the recent progress made in the preparation of nanocurcumins and their therapeutic potential in clinical research for the treatment of aging-associated diseases.



**5. Phyllanthus emblica Linn. fruit extract potentiates the anticancer efficacy of mitomycin C and cisplatin and reduces their genotoxicity to normal cells in vitro**

Xi-han GUO, Juan NI, Jing-lun XUE, Xu WANG

Guo et al. / J Zhejiang Univ-Sci B (Biomed & Biotechnol) 2017 18 (12) :1031-1045

**Abstract :** Objective: Fruit of *Phyllanthus emblica* Linn. (PE) is widely consumed as a functional food and used as a folk medicine due to its remarkable nutritional and pharmacological effects. Mitomycin C (MMC) and cisplatin (cDDP) are the most widely used forms of chemotherapeutic drug, but their clinical use is limited by their genotoxicity to normal cells. We aimed to determine whether PE has potential to reduce the genotoxicity, while improving the anticancer effect, of MMC and cDDP. Methods: Cell proliferation was evaluated using the trypan blue exclusion assay and colony-forming assay. Genomic instability (GIN) was measured using the cytokinesis-block micronucleus assay.

**Results :** Co-treatment (72 h) with PE at 20–320 µg/ml significantly enhanced the efficacy of MMC (0.05 µg/ml) and cDDP (1 µg/ml) against Colo205 colorectal cancer cells ( $P<0.05$ ), and at 80–320 µg/ml significantly decreased MMC- and cDDP-induced GIN and multinucleation in normal colonic NCM460 cells ( $P<0.05$ ). PE significantly decreased the mitotic index ( $P<0.01$ ), blocked mitotic progression ( $P<0.05$ ), and promoted apoptosis ( $P<0.01$ ) in MMC- and cDDP-treated NCM460 cells, suggesting that PE-mediated inhibition of mitosis and induction of apoptosis may limit the division and survival of highly damaged cells. Also, PE was found to inhibit the clonal expansion of MMC- and cDDP-treated NCM460 cells ( $P<0.05$ ) and decrease the heterogeneity of the surviving clones. Conclusions: PE potentiates the anticancer efficacy of MMC and cDDP, while preventing their genotoxicity and inhibiting clonal expansions of unstable genomes in normal cells. These data suggest PE has the potential to reduce the risk of secondary cancers induced by chemotherapeutics.

\*(For reference only)

Marketed by :

**La Asia Healthcare** <sup>TM</sup>

Office No. 2, Yashodhan Complex

Baner, Pune - 411 045, India

Customer Help Line

No. : +91 95951 60001 / 93710 51710

laasiahealthcare@gmail.com

www.laasiahealthcare.com

Manufactured by,

**SHREEYASH AYURVEDA**

1st Floor, Mauli Krupa, S. No. 37/2, Narhe,

Tal. Haveli, Dist. Pune 411041, INDIA

Regd. Off. : Ra28 Manas Sarovar No. 1 CHS,

Sector 2 Dhayari Phata, Sinhagad Road, Pune 411041

At : S. no. 30/14 Unit Nos.3,4,13,14,Unity Industrial

Estate, A.P.Dhayari, Pune-411041



**Keep Clean**

\*For the use of Registered Medical Practitioner or Clinic or Hospital Only