

## What is Roya

Royal 4 Is a biotonic, Energizer, Antioxidant & Immunstimulant.

Royal 4 starts its action within ½ hour after oral admin.

□ **<u>Royal 4</u>** Is taken once daily.



## What is **Roya**

□**Royal 4** Is a natural formula provides the human body with all the vital ingredients needed for optimal performance including:

VITAMINS: A, D, E, K, B complex, C and Choline. MINERALS: Calcium, Potassium, Sodium, Iron, Zinc, cupper, Magnesium, selenium, silicon, Boron, Iodine and Phosphorous. ANTIOXIDANTS: Vit. A, E, C, Beta-carotene, Selenium, Rutin, Crysin and Quercetin.

AMINO ACIDS and ENZYMES.





## Royal 4 composition is:

- Royal Jelly 600mg
- □ Korean Ginseng 250mg
- Bee Pollen 200mg
- □ Wheat Germ Oil 150mg



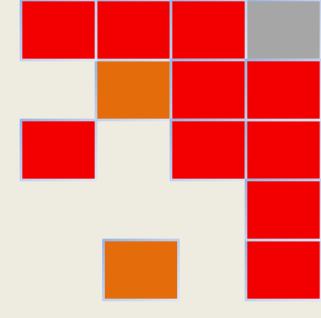
#### **Patients with Diabetes:**

**Royal 4** relieves peripheral neuritis :

Bee Pollen is rich with vit. B complex, treat neuritis .

Royal Jelly contains Acetyl Choline, Which acts as neurotransmitter.





#### Patients with Liver diseases:

**<u>Royal 4</u>** Acts as lipotropic agent for fatty liver, liver fibrosis and hepatitis with its content of niacin and inositol.

**<u>Royal 4</u>** Stimulates glutathione formation which enhance redox reaction inhibition of hepato – cellular cirrhosis.



#### Patients with Atherosclerosis:

**<u>Royal 4</u>** decreases cholesterol and triglyceride levels due to its content of vit. E. Ginsenosides and other antioxidants.

*Diaz MN; Frei B vita JA; Keany JF evans Memorial Department of Medicine, Boston University School of Medicine, MA 02118, USA Losoczy KG et al, AM.J.Clin Nutrition, 64(2): 196(1996)* 



#### Patients with Chronic illness:

Usually, they complain from fatigue, exhaustion & weakness. Sometimes, they are immune-compromised .

**<u>Royal 4</u>** contain Royal Jelly which provide the patient with vitality and power.

**<u>Royal 4</u>** Has Bee Pollen & Wheat Germ Oil rich with Vit. A, E, C & Selenium which are strong antioxidants.

**<u>Royal 4</u>** contain K. Ginseng which stimulate thymic hormone, that improve the immune system.

Patients with Erectile dysfunction :

**Royal 4** is a specific treatment.

**<u>Royal 4</u>** Royal Jelly contains Acetyl Choline with its vaso - dilatation effect helps to improve the erection.

As the intercourse is not only erection

- Royal Jelly provides the patient with vitality and power.

- K. Ginseng contain Ginsenosides act as mode enhancer help in Psychotics ED.



Patients with Infertility :

**Royal 4** treat infertility by:

Royal Jelly contains Aspartic Acid which increase spermatogenesis.

Bee Pollen contain Zinc which increase sperm motility.

Wheat Germ Oil the richest source of Vit. E and other powerful antioxidant (Bee Pollen) scavenging the free radicals.

Salvati G; Gensovi G; Marcellini L; Paolini P, V Clinica Medica: University of Rome la sapienza, italy panmivera Med, 1996 Dec, 38:4 249-54

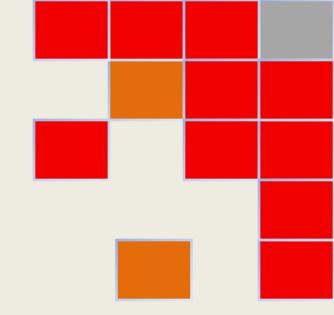


#### For post operative Patients :

They are immune compromised, weak and need time for wound healing

- Royal Jelly contains <u>Aspartic Acid</u> act as tissue regenerator, also Acetyl Choline has vasodilator effect, lead to fast wound healing
- K. Ginseng stimulate Thymic H. which is immune stimulant help the defense system
   Bee Pollen contain
- 1. 22 amino acids help in wound healing
- 2. Zinc which increase the epithelization
- 3. Powerful antioxidants which increase the activities by scavenging of free radicals





### Royal Jelly

Is very complex mixture of compounds, contain 15% Carbohydrates, 12% Proteins, 6% Lipids & Vitamins and Minerals

□ RJ is rich source of energy, so it's effective energizer.

RJ contain 16% Aspartic acid which stimulate tissue regeneration and spermatogenesis



## Royal Jelly

□ RJ contains Acetyl Choline which act as:

- Neurotransmitter, help in treat peripheral neuritis.

- Vasodilator, help in treat ED and wound healing.





### Royal Jelly

□ Has long been credited with miraculous rejuvenating and regenerating properties. It is also believed to contain more sex hormones that any other food. Royal Jelly is a rich and natural source of B Complex vitamins, trace minerals and amino acids.



## Korean Ginsing

Activates both physical and mental functions.

The main active ingredients of Korean ginseng are Ginsenosides.

- These steroid-like phytochemicals have adaptogenic properties, which give ginseng property to counter the effects of stress.

- Ginsenosides increase protein synthesis and activity of neurotransmitters in the brain.



#### Korean Ginsing

Ginseng stimulates the formation of blood vessel and improves blood circulation in the brains, thereby improving memory and cognitive abilities.

□ Stimulates the production of Thymic H. which is Immunstimulant.



### Korean Ginsing

□ Animal studies have shown that ginseng extracts stimulate the production of interferons, increase natural killer cell activity, lower cholesterol and decrease triglyceride levels.

■Men have used the herb to improve sexual function and remedy impotence. Ginseng is believed to increase estrogen levels in women and is used to treat menopausal symptoms.



### **Bee Pollen**

Contains all ingredients necessary for balanced diet (Perfect Food).

□Contains 22 amino acids (essential & non essential) important for wound healing.

□Rich in minerals and vitamins (water & fat soluble vits.)

A, E, C & Selenium are antioxidants

B complex which treat peripheral neuritis

Zinc which increase epithlization and sperm motility.



#### **Bee Pollen**

□Rich in Lecithin which has lip-tropic action necessary for fat breakdown.

□Contain an inverted sugar which doesn't fermented in intestine (for inflamed intestine).

□ Has a bactericidal action on E. coli.



### Wheat germ oil

□ The richest source of Vit. E which is main Antioxidant.

□ This antioxidant springs into action, protecting cells by deactivating or destroying the potentially damaging oxygen molecules called free radicals. Vitamin E also helps in the formation of red blood cells and facilitates the use of selenium and vitamins A and K.



### Wheat germ oil

vitamin E plays a vital role in protecting the body from many chronic disorders.

□It may even slow the aging process and guard against damage from secondhand smoke and other pollutants.

Circulatory disorders, skin and joint problems, diabetes-related nerve complications, high cholesterol, endometriosis, immune-system function and memory are also believed to benefit from vitamin E.



## THE PRIMARY BENEFITS OF

# Royal<sub>4</sub>

Helps keep skin smooth, toned and elastic.
 Promotes sexual vitality and rejuvenation.
 Facilitates fertility and can help reverse impotence.

Stimulates the immune system to fight viral and bacterial infection.

Regulates and balances hormones.

□Has a bacteriocidal action on bacteria like staph.

Stimulates growth.



## THE PRIMARY BENEFITS OF

# Royal<sub>4</sub>

Lowers blood lipids and cholesterol.
Helps to regenerate bone growth.
Builds tissue and muscles.
Supports wound healing.
Is hepato-protective (liver).
Increases vigor and physical strength.
Provides extra physiological support during. pregnancy and menopause.



## THE PRIMARY BENEFITS OF

# Royal<sub>4</sub>

Helps to alleviate the pain of arthritis.
 Stimulates better memory and mental function.

□ Has an antidepressive anti-anxiety effect.

Can help to regulate weight.

Rejuvenates the aged, sick or weak.

Helps to promote longevity.

□ Reduces flu and cold symptoms.

□Alleviates respiratory infections.



Biotonic, Energizer & Antioxidant

**ROYA** 



#### **Diabetes**

Royal 4 relieves peripheral neuritis due to its high content of vitamin B complex.

#### Liver Diseases

**Royal 4** acts as Lipotropic agent for fatty liver, liver fibrosis and Hepatitis with its content of Niacin, Cholin & Inositol.

**Royal 4** stimulates Glutathion formation which enhances Redox reaction — inhibition of Hepatocellular cirrhosis.

#### Atherosclerosis

**Royal 4** decreases cholesterol and triglyceride levels due to its content of vit. E, Ginsenosides and other antioxidants.<sup>(1),(2)</sup>

References

- 1- Diaz MN; Frei B; Vita JA; Keaney JF Jr Evans Memorial Department of Medicine, Boston University School of Medicine, MA 02118, USA.
- 2- Losoczy KG et al Am J.Clin Nutrition , 64(2) : 190-196 (1996)
- 3- Salvati G; Gensovi G; Marcellini L; Paolini P; V Clinica Medica; University of Florre La sapienza, Italy Panminerva Med, 1996 Dec, 38:4, 249-54

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# **Thank You**



