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Elaeocarpus sphaericus : Medical and Scientific facts

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Abstract

Elaeocarpus sphaericus are available from 2 Mukhi till 29 Mukhi. *Elaeocarpus sphaericus* beads have several amazing powers due to their electromagnetic character, Electrical Properties and Bio Electric Circuit. It is very simple to identify a real *Elaeocarpus sphaericus* from using identification test such as Cut Test, Properties Test, Copper Coin Test, Eye test, Water test, Properties Test, X-Ray and CT scanning. *Elaeocarpus sphaericus* beads are mainly plant product that contains C, H, O, N and different trace elements in a combined form. *Elaeocarpus sphaericus* bead is a natural tranquilizer and it has been proved that wearing *Elaeocarpus sphaericus* around heart controls heart beat, keeps blood pressure under control, imposes positive effect on Stress, Anxiety, Depression, Palpitations, Lack of Concentration and an excellent bead for pregnant women, Wearing Garbh Gauri *Elaeocarpus sphaericus* helps women who have problems in conceiving a child and are prone to abortion. *Elaeocarpus sphaericus* is also useful for women suffering from hysteria and coma. It can be used as a cure for skin diseases, sores, ringworm, pimples, boils, mental diseases and possess anti ageing property.

Key words: *Elaeocarpus sphaericus* bead, tranquilizer, mental diseases, X-Ray, hysteria.

Introduction

Botanical Description of Elaeocarpus sphaericus [1, 2]

According to the old mythological epic Shiv Purana, *Elaeocarpus sphaericus* is the beloved tree of Lord Shiva. The Botanical name is *Elaeocarpus Ganitrus* Roxb and belongs to the family

Tiliaceae, the Lime family. *Elaeocarpus sphaericus* is a large evergreen broad-leaved tree which grows in the area from the Gangetic Plain to the foothills of great Himalaya. This tree is a perennial means it grows all over the year and its height is about 50-200 feet. The stem is cylindrical with a dirty white and coarse textured bark. Naturally top of the leafy of a *Elaeocarpus sphaericus* tree obtains a pyramidal shape and is shining green on the upper side with an uninteresting fibrous dorsal side.

The flowers of *Elaeocarpus sphaericus* are white with fringed petals and they come into view in April-May. The tree bears fruits in june which are ripen by August-October. *Elaeocarpus sphaericus* are bulbous in shape with a fat outside. *Elaeocarpus sphaericus* beads are enclosed by outer shell of blue color on fully ripening. Hence *Elaeocarpus sphaericus* beads are also called as blueberry beads. This Bead is hard and tubercles inside it.

The *Elaeocarpus sphaericus* trees are occupies in the areas starting from Manila, Philippines and fleeting through Myanmar to whole North-East India, Bangladesh, Nepal and Bhutan. Presently the *Elaeocarpus sphaericus* tree is found only in Eastern Nepal due to suitable climatic conditions. *Elaeocarpus sphaericus* is growing in suitable climatic regions with temperature ranges of 25-30 degree centigrade.

These trees start giving fruit after 7-years. The percentage composition of gaseous elements C-H-N present in the *Elaeocarpus sphaericus* analyze by Gas chromatography. These percentages are 50.031 % C, 0.95% N, 17.897% H and 30.53%.



Fig. 1 unripened and ripened fruit of *Elaeocarpus sphaericus* plant

Traditinal Uses

- ❖ *Elaeocarpus sphaericus* imposes positive effect on Stress, Anxiety, Depression, Palpitations and Lack of Concentration
- ❖ It cools down the body temperature and brings calm to mind. Those who suffer from anxiety should keep big size Five Mukhi *Elaeocarpus sphaericus* with themselves and whenever they feel nervous, they should hold them tight in their right palm for ten minutes. It will help them to regain their confidence and their body would become stable.

- ❖ *Elaeocarpus sphaericus* is an excellent bead for pregnant women. Wearing Garbh Gauri *Elaeocarpus sphaericus* helps women who have problems in conceiving a child and are prone to abortion.
- ❖ *Elaeocarpus sphaericus* is also useful for women suffering from hysteria and coma
- ❖ *Elaeocarpus sphaericus* also help to cure prolonged cough, the paste of ten-faced *Elaeocarpus sphaericus* with milk relieves prolonged cough. This medicine should be taken thrice a day. It can be used as a cure for skin diseases, sores, ringworm, pimples, boils and burns also.
- ❖ *Elaeocarpus sphaericus* is also good for children who suffer from frequent fever. Such children should wear three-faced *Elaeocarpus sphaericus*.
- ❖ To cure smallpox equal quantity of black pepper and *Elaeocarpus sphaericus* should be powdered and taken with water.
- ❖ *Elaeocarpus sphaericus* is also useful in mental diseases. Milk boiled with four faced Rudrakasha seed is good medicine for mental diseases. This also helps in increasing memory.
- ❖ *Elaeocarpus sphaericus* also possess anti ageing property[3].

Elaeocarpus sphaericus beads have several amazing powers due to their electromagnetic character [5]

2.1 Electrical Properties: The human body can be considered as a complex Bio Electronic Circuit consisting of the whole of nervous system and all other organs residing inside the human body. Number of electrical impulses are generated by the human body due to different reflex actions taking place, continuous pumping of heart for blood circulation, Neurons and nervous system etc. The ability to send out subtle electrical impulses & Inductive vibrations and act as a Dielectric as in a capacitor to store electrical energy. This is termed as Bioelectricity. All the work of our sense organs depends on the subtle flow of Bioelectric current. Thus all the actions our body performs are effectively controlled. The Bioelectric current is produced due to the difference in the energy levels of different body parts. This smooth flow of Bioelectric current causes the properly controlled functioning of the body parts.

2.2 Bio Electric Circuit: There is a third element in the Body and Brain called the Bio Electronic circuit Interface, that of the mind. Any activity that can produce stress or maladjustment can throw the streamlined activity, the Electronic circuit of the body& mind out of gear. Humans and other living beings are prone to stress in the continuous fight for survival and prosperity.

In modern age with intense competition the Stress levels have increased tremendously. Almost every individual has problems of Stress and Stress related ailments like insomnia, alcoholism, depression, maladjustments, heart diseases, skin diseases etc. Any Doctor will confirm that almost 95% of the ailments are Psychosomatic or stress related (i.e.) originating from Mind. When there is Stress or Maladjustment corresponding Stress signals are sent to the Central Nervous systems, there is an increased activity of neurons and neuro transmitters. The magnitude of change will depend on the cause and specific case. When such a thing occurs continuously, streamlined flow of electrical signals throughout the Mind-Body interface is disrupted and it makes us feel uncomfortable and we are not able to act with our full efficiency. Our Blood

circulation becomes Non-ideal and we feel various illnesses. Unfortunately this happens all the time.

Elaeocarpus sphaericus beads act as a Stabilizing Anchor. *Elaeocarpus sphaericus* beads' electrical property can be broadly categorized into:

2.2.1 Resistance: There is continuous and subtle flow of bioelectrical signal throughout the body due to potential difference between parts of the Body. *Elaeocarpus sphaericus* beads of particular Mukhi or Facets have a definitive factor of resistance. It is measured in Ohms. When these beads resist the flow of bioelectrical impulses a specific ampere of current flow is generated depending on the factor of resistance. This acts in tandem with heartbeat, streamlining it and sending out specific impulses to brain. These impulses stimulate certain positive brain chemicals. Making us feel better, more confident, poised and more energetic. It has been observed that specific Mukhi or Facets of *Elaeocarpus sphaericus* beads send out specific signals acting on a particular brain chemical and thereby by effecting specific positive changes in personality. It is well proven that the state of mind and our personality is governed almost completely by the Brain; it's functioning and that of central nervous system

2.2.2 Capacitance or the Dielectric Properties -*Elaeocarpus sphaericus* beads act as dielectric (i.e.) as a storage of electrical energy. This property of *Elaeocarpus sphaericus* makes it capable in stabilizing and anchoring the Bioelectric current. The values are measured in units of Farad. This property is very helpful in controlling hyperactivity, palpitations of heart, streamlining heartbeat etc. Due to stress when there is increased physical activity heart beats faster and the overall activity of hormones and nervous system increases. This causes increased energy levels or increase in potential difference. As a result of this the magnitude of the Bioelectric Current increases. *Elaeocarpus sphaericus* beads acting as dielectric store this excess Bioelectric Energy, thereby streamlining the overall activity to Normalcy.

2.2.3 Inductance: *Elaeocarpus sphaericus* beads have permanent magnetic properties. They have been observed to send out Inductive vibrations with frequencies measured in units of Henry (Volt Seconds/Ampere). This perhaps is the reason why people have felt better even when *Elaeocarpus sphaericus* beads do not touch them physically.

2.2.4 Magnetic Properties: *Elaeocarpus sphaericus* beads have Both Paramagnetic and Diamagnetic with the most important property of Dynamic Polarity. We all are most probably aware of the beneficial healing properties of magnets. Magnetic Healing is becoming extremely popular off late and everyone who have been using magnets for healing have been getting the benefits and found overall betterment and rejuvenation. *Elaeocarpus sphaericus* beads retain most of the properties of Magnets but it is unparallel in one aspect, that of the ability to change it's polarity or the Property of Dynamic Polarity. The basic way of healing is based on the fact that the when the passage of arteries and veins which carry blood to and from Heart to all the parts of the body is blocked or reduced due to variety of reasons, various illnesses creep. Blood carries oxygen and energy to various parts of the body and cleanses it off waste materials. Any disruption of the smooth flow of Blood circulation to cause illnesses.

We experience pain and uneasiness due to improper blood circulation. Every cell in the blood as well as the arteries and veins are charged either positively or negatively. Magnets have the poles Positive (+) and Negative (-). When magnets are passed on various parts of the body the opposite poles of the magnets and that of cells get attracted and there is an expansion of the passage. The Arteries and veins open up to facilitate streamlined blood circulation. When there is a streamlining of blood circulation most of the illnesses get automatically healed and we feel better and rejuvenated. But with magnets the polarity is fixed. When magnets are brought near a particular part of the body it opens up only those sections of veins and arteries where there is a matching of polarities hence complete healing and streamlining of blood circulation cannot be ensured. We experience healing and feel better but we can still go much further with Dynamic Polarity of *Elaeocarpus sphaericus* beads.

2.2.5 Dyanamic Polarity-*Elaeocarpus sphaericus* has the ability to-Change it's polarity. This in turn is by virtue of its property, Diamagnetism. Diamagnetism is termed as the ability of any material to acquire temporary magnetic property in presence of an external magnetic field. The polarity of the charge induced is opposite to that of the external field inducing the charge. Blood circulation and heart beat automatically induces a magnetic field around the body and particularly the heart Region. Bioelectricity automatically gives raise to Biomagnetism Depending on the polarity of the Induced magnetic field. *Elaeocarpus sphaericus* bead acquires a polarity that is opposite of the inducing field. As a result of this the opening up the passages of Arteries and Veins are far better than that of magnets. Much better healing and rejuvenation is experienced.

Various Literatures mention the powerful anti ageing properties of *Elaeocarpus sphaericus* beads. This is mainly because of the Dynamic Polarity of the *Elaeocarpus sphaericus* a bead, thus the healing powers of *Elaeocarpus sphaericus* are far superior to that of Magnets. In some sense *Elaeocarpus sphaericus* beads can be termed to have some additional life or Intelligence as against Magnets.

Table 1: Therapeutic uses of the *Elaeocarpus sphaericus* [5, 6,7,8, 9, 10]

Sr. No.	<i>Elaeocarpus sphaericus</i>	Therapeutics Uses
1	One Mukhi <i>Elaeocarpus sphaericus</i>	Diseases like chronic asthma, heart problems, mental anxiety, TB, paralysis, stroke, eye problem, bone pain, head ache etc.
2	Two Mukhi <i>Elaeocarpus sphaericus</i>	Diseases like impotency, renal failure, stress, anxiety, lack of concentration, depression, negative thinking, eye problems, mental chaos, hysteria, intestinal disorder etc.
3	Three Mukhi <i>Elaeocarpus sphaericus</i>	Diseases like depression, Schizophrenia, weakness multifarious, directive of the menstrual cycle/menstrual stress, fixation or guilt induced complexes, blood pressure, mood swings, fever or weakness, jaundice, and mental disability etc
4	Four Mukhi <i>Elaeocarpus sphaericus</i>	Diseases as blood circulation, cough, and brain linked illness, asthma, hesitate, memory lapse, respiratory strip problems etc

5	Five Mukhi <i>Elaeocarpus sphaericus</i>	Treatment for the blood pressure, heart problems, stress, mental disability, fatness, anger management, diabetics, piles, neurotic and maladjustment problems etc
6	Six Mukhi <i>Elaeocarpus sphaericus</i>	Diseases like epilepsy, gynecological problems etc
7	Seven Mukhi <i>Elaeocarpus sphaericus</i>	Treating diseases like asthma, pharyngitis, impotency, foot related diseases, respiratory confusion etc
8	Eight Mukhi <i>Elaeocarpus sphaericus</i>	Diseases like stomach ache, stress, skin diseases, anxiety etc.
9	Nine Mukhi <i>Elaeocarpus sphaericus</i>	Treating strange diseases
10	Ten Mukhi <i>Elaeocarpus sphaericus</i>	Diseases like hormonal inequality in the body, mental insecurity, whooping cough etc.
11	Eleven Mukhi <i>Elaeocarpus sphaericus</i>	diseases like body pain, backache, chronic alcoholism and liver diseases
12	Twelve Mukhi <i>Elaeocarpus sphaericus</i>	Diseases like bone diseases, rickets, osteoporosis, mental disability, anxiety etc
13	Thirteen Mukhi <i>Elaeocarpus sphaericus</i>	Diseases of muscle like dystrophies; etc.
14	Fourteen Mukhi <i>Elaeocarpus sphaericus</i>	Beneficial in curing brain related and many other types of diseases.
15	Fifteen Mukhi <i>Elaeocarpus sphaericus</i>	Diseases like skin diseases, recurring miscarriage, still birth etc. Fifteen Mukhi <i>Elaeocarpus sphaericus</i> is measured as a blessing for women who are incapable to imagine and in such case both the partner should wear it for fruitfulness.
16	Sixteen Mukhi <i>Elaeocarpus sphaericus</i>	Diseases like leprosy, tuberculosis, cor-pulmonale, lung diseases etc.
17	Seventeen Mukhi <i>Elaeocarpus sphaericus</i>	Diseases like memory lapse, body functional disorders etc.
18	Eighteen Mukhi <i>Elaeocarpus sphaericus</i>	Prevent and curing diseases like mental in harmonization, loss of power etc.
19	Nineteen Mukhi <i>Elaeocarpus</i>	Diseases like blood disorder, spinal disorder etc.

	<i>sphaericus</i>	
20	Twenty Mukhi <i>Elaeocarpus sphaericus</i>	Cure for eyesight problem and snake bites.
21	Twenty - One Mukhi <i>Elaeocarpus sphaericus</i>	Medical healing and it eliminates every form of diseases.
22	Trijuti/Tribhagi <i>Elaeocarpus sphaericus</i>	Diseases like internal and external body disorders at bark

Methods for Identification of Real Elaeocarpus sphaericus [11, 12 ,13]

It is very simple to identify a real *Elaeocarpus sphaericus*. The version of it increases the importance and price. It is made synthetically and the artificial *Elaeocarpus sphaericus* are also being sold in market. There are many methods of testing a genuine (or fake) *Elaeocarpus sphaericus* :

3.1 Cut Test:

It is most reliable methods and for this cut the *Elaeocarpus sphaericus* bead horizontally. When it will be cut one can find the same number of section as the number of lines. If it is not then drawback of this method is that bead gets damaged.

3.2 Properties Test:

This test gives information that whether the beads show properties like inductance, capacitance, conduction of electric current etc.

3.3 Copper Coin Test:

Generally it is believed that when a *Elaeocarpus sphaericus* bead is placed between two copper coins it will slightly rotate either clockwise or the anticlockwise direction. This phenomenon occurs due to physical and magnetic properties of the *Elaeocarpus sphaericus* beads. Only expert people are good for it.

3.4 Eye test:

Sometimes the fake or the artificial *Elaeocarpus sphaericus* may seem same as real one but these fake *Elaeocarpus sphaericus* facets cannot be made as real as those present on the real *Elaeocarpus sphaericus* . This is a natural partition on *Elaeocarpus sphaericus* which just like the closed lips with deep natural. See these deep linings (facets) with the help of a magnifying glass (Lenses) and thus can be easily distinguish a real *Elaeocarpus sphaericus* .

3.5 Water test:

Some of the rare *Elaeocarpus sphaericus* beads like Gauri Shankar *Elaeocarpus sphaericus* or a Trijuti can be made by synthetically joining two or three *Elaeocarpus sphaericus* with help of paste etc. if here is any of hesitation this *Elaeocarpus sphaericus* bead, kept in boiling water for

some minutes. A sharp streak will take place at the joint in case of synthetic *Elaeocarpus sphaericus*.

3.6 Properties Test

This test is to find whether the beads exhibit properties like inductance, capacitance, conduction of electric current etc.

Identification through scientific technique

4.1 X-Ray

One way is to follow the X-ray technique one can see the internal structure without damaging the beads. This digital X-ray test is done without complication for *Elaeocarpus sphaericus* up to nine Mukhi but higher Mukhi beads may not give 100% accurate results due to overlapping of the internal seeds.

4.2 CT scanning

CT scanning is another method for identification of *Elaeocarpus sphaericus* but it is more expensive than X-ray. It gives much clear results for any *Elaeocarpus sphaericus* than X-ray. *CT Scanning and X-ray are expensive methods to identify the Elaeocarpus sphaericus but gives clear and accurate results.*

Elaeocarpus sphaericus are available from 2 Mukhi till 29 Mukhi. The five faced *Elaeocarpus sphaericus* are found easily and abundantly. One faced *Elaeocarpus sphaericus* round variety has never been found till date and is thus a myth. A variety of *Elaeocarpus sphaericus* called 1 Mukhi half moon is thus sold in its place which is genuine and belongs to a family tree of *Elaeocarpus sphaericus*. This bead is found easily and price is also not high.

It is not very difficult to recognize a real *Elaeocarpus sphaericus*. On account of its increasing importance and price, it is made artificially also and these artificial *Elaeocarpus sphaericus* are also being sold in market. Artificial *Elaeocarpus sphaericus* used to be made long ago by using wild berry seeds or nuts or wood.

But now this is an outdated technique and the Nepal suppliers of today are making these by carving out extra lines in a lower Mukhi bead to get a higher Mukhi bead, or hiding extra lines to obtain a rare lower Mukhi bead and even by gluing together parts of *Elaeocarpus sphaericus* beads to obtain another *Elaeocarpus sphaericus*. Thus these fake *Elaeocarpus sphaericus* look externally like real *Elaeocarpus sphaericus* and thus have to be examined more carefully. But in these artificial *Elaeocarpus sphaericus*, no facet can be made as real as the ones that are in the genuine ones and can easily be detected by an experienced eye. Here the facet (Mukh) means deep lining from the upper part to the lower part of *Elaeocarpus sphaericus*. Looking at these deep linings-facets one can recognize real *Elaeocarpus sphaericus*. One needs to use magnifying glass for this purpose and examine for artificially carved lines (which are generally very sharp) and glued surfaces on the bead.

There are many other criteria written to recognize *Elaeocarpus sphaericus*, such as the sinking and floating of *Elaeocarpus sphaericus* in the water and revolving between two coins. But it is not a correct criterion. Even an unripe but genuine *Elaeocarpus sphaericus* may float in the

water, and a non genuine ones made out of wood impregnated with lead or by tampering a real *Elaeocarpus sphaericus* may sink. Therefore, we should not bother about these suspicions and false notions. The *Elaeocarpus sphaericus* should be brought from a genuine supplier who is accountable to the people. Buying *Elaeocarpus sphaericus* is like buying Gems in which buyers buy from a trusted supplier only and thus buyers needs to consult other previous buyers for the genuine suppliers and their experience of dealing with them, before taking a decision to purchase these beads.

Another thing to be noted is that *Elaeocarpus sphaericus* being a natural product; it is available in many qualities from low, medium, high to collector. A buyer should avoid low quality beads which are light weight, have broken surfaces and are unshapely and have extremely dry surface. These beads rarely provide any effect. One should go for *Elaeocarpus sphaericus* which are heavy, bright, lustrous, and shapely and emit a positive vibration.

Many long time suppliers in Nepal and India deal in counterfeit Beads as part of their normal Trade and this is simply a part of the business Mostly the round one Mukhi and then any Mukhi over 14 Mukhi.

Authentic *Elaeocarpus sphaericus* will both float and sink depending on how much moisture is trapped in the Bead so there can be no valid test for Authenticity based on sinking or floating. If the authentic Bead is a couple of years old and really dry from being in a collection box it will float because it is totally dry. But still it is an authentic Bead. If you leave the Bead in the water for a couple of days it will take on enough water and sink If the Bead is new from this season then the Beads are normally not dry due to their freshness and there is moisture trapped in the Bead. When placed in glass of water the Bead will find its buoyancy level somewhere from the bottom of the glass of water to the top depending on the amount of moisture it is carrying. We have found that any and all authentic Beads will either sink or float depending on whether it is really dry or still has moisture from being a freshly harvested *Elaeocarpus sphaericus* Bead.

Counterfeit round 1 Mukhi are sold in both India and Indonesia. Small pieces of *Elaeocarpus sphaericus* are glued on four of the lines of a five Mukhi bead thus leaving only one deep line. It can be detected by boiling in water for 2-3 hours. The other hidden lines would show up in a different color as the glue softens. Pieces chip off on regular wearing. Another method to remove glue that is not water soluble is to place Bead in Liquid Nitrous Oxide so it melts the more sophisticated glues.

Fake beads can also be made from wood, cork, gum or from a type of clay. As well as from the inner wood of the plant species *Aquillaria agallocha* and from the wood of Chestnut (Akrod) plant.

To identify real *Elaeocarpus sphaericus*, an expert's eye and touch is required. There is lot of variation in *Elaeocarpus sphaericus* beads. Constant collection of different *Elaeocarpus sphaericus* from different localities adds to one's experience in this field. It is always therefore better to purchase *Elaeocarpus sphaericus* beads from the authentic sources.

Chemical composition of *Elaeocarpus sphaericus* Beads [14, 15,16]

The *Elaeocarpus sphaericus* beads are mainly plant product that contains Carbon, Hydrogen, Oxygen, Nitrogen and different trace elements in a combined form. The gaseous elements in the following proportion:

Table 2: Chemical composition of *Elaeocarpus sphaericus* Beads

Elements	Percentage
Carbon	50.024
Hydrogen	17.798
Nitrogen	0.9461
Oxygen	30.453

Conclusion

In conclusion, *Elaeocarpus sphaericus* are available from 2 Mukhi till 29 Mukhi. *Elaeocarpus sphaericus* beads are mainly plant product that contains Carbon, Hydrogen, Oxygen, Nitrogen and different trace elements in a combined form. *Elaeocarpus sphaericus* bead can useful in the various disorders like: blood pressure, Stress, Anxiety, Depression, skin diseases, ringworm, pimples, boils, mental diseases and also useful for women suffering from hysteria and coma and help to cure prolonged cough

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