

MEDICATED OILS IN SIDDHA

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ABSTRACT

Siddha system of medicine is attributed to have originated from Lord Siva who explained it to his consort Shakthi .The lineage is Nandi,Dhanvantri ,Agasthiyar ,Pulathiyar and Therayar^[1].Siddhar Therayar called oils as Ezhuthu.Medicated oil prepared by extracting drug substances in oil.Though it indicates the Sesame oil generally,Oil the vegetableoil could be used.Medicated oil classified into twelve types based on origin and five varieties by the mode of applications.Self life of medicated oil is one year. Apart from medicated oils animal fats are also used in the siddha System of medicine for the Drug preparation some of this have highly nutritive value.Medicated oil get their names based on the ingredient of preparation or primary disease which the oil to be used.

INTRODUCTION

medicated oil are classified into 12 types based on origin and 5 varieties by the mode of applications.Classification based on its origin or method of preparation.

Method of preparation^{[2][5][8]}

Kothi oil:

In boiling of fried and crushed seeds in water and collection of floating oil example heating the butter give ghee.

Urukku oil:

Anda thylam used in the speech disorder is obtained by melting yellow yolk of egg.

kuzhippuda oil

The oily present in certain plant parts are expressed by application of excessive heat - destructive distillation. Coconut shell azhilnjil seed(*Alangium salvifolium*) process

A pot with a few holes in the bottom taken thin wires are passedthrough these and bend so that they converge at a few point few invhes away from the base. The upper ends are suitably secured.The pot is filled with shell pieces and the top is sealed. Oil is prepared by destructive distillation by placing a collecting vessel in the centre of pit and supporting the pot on it and applying heat only to the part by heaping and igniting cow dung cakes arranged around and above the pot.The oil is obtained by above the method is corrosive and hence should not applied near the eyes.Apply only at the site of infection after diluting with equal amount of coconut oil.

Theneer Oil_ Essential oil

prepared by the process of distillation of water soaked raw drugs.That volatile principles which are evolved admixture with water vapour condensed and taken.oil prepared by this distillation process.

example Chandanathi oil.

Aromatic drugs or flowers soaked in the prescribed quantity of water for the specific time and lid is tightly put along with the water into the still for distillation. The lid is tightly placed and sealed around the prevent weapor from escaping for the purpose ceiling cloth Ribbon with a paste of black gram is used. Heat is apply to the drug mixture and then is collected in lower the bottles in large scale preparation large stills which are heated by the superheater steam or employed for distillation.

suryaputa Oil

Sesame seeds is taken with other drugs and made as paste and kept exposed to Sun the oil is obtained by heating the drug with sunlight.

Man oil

They are originated from dry Earth spontaneously is called Man nei. Eg petroCarbon.

Mara oil

It is originated from the cut places of tree is known as Mara nei plantolroresins

Silai oil

Silai means mountain the name originated from there mountain range is called Silai nei.

Neer oil

Pounding and crushing the drug like Punugu and soaked in water from which they name is obtained is called Neer oil.

Avi oil

It is prepared by condensation of fumes or smoke by heating the drug like sambirani

Chudar oil

It is obtain from flame is called Chudar oil

process

The drug like Gandagam mixed with prescribed nei made into paste form the paste is applied in new cotton cloth and Rolled over the iron rod and then burn. The oil is obtained with flame is called Chudar oil

Pori oil

The oil is obtained with the help of mechine is called a pori oil. coconut oil with they help of checku or Kanam are classical example forpori oil. classification by mode of applications

The oil is applied to head is known as example Neeli bringadi thailam.

Kudi nei

used to oral administration is called a Kudi nei example Moolakudri thylam.

Pidi Oil

oil applied over the skin and massaging the skin is known as pidi nei. example pinda thailam

Tholai nai apply the through the orifice of body is called a example nasiroga nasa thylam applied through the nose karna Bindu applied through the Ear.

Seelai thilam

This oil apply to chronic wound with blind opening (fistula) is called Seelai thilam. Medicinal principles of raw drugs directly or indirectly dissolved in the oil and its observed either externally or internally depending upon its application. In the second method all the required heat and hydrolytic changes will be taking place when the raw drugs are extracted as Kashayam and from that concentrate the active principles get dissolved into the oil on saturated fatty acid content in the sesame oil is very high and its the oil commonly used to for the Thailam preparation and it contains sesamol, Sesamine .. etc which is act as antioxidant for protection of the oil preparation.

Medicinal uses of Fatty oil^{[3][4][6]}

Fatty oil also known as Fixed oil and Non Volatile Oil. Chemically Fatty oils are esters of Fatty acids and Glycerine. Fatty oils are generally water insoluble. Soluble In acetone, Ether and Chloroform. According to oxygen absorption by oil are classified into four types. These are Drying oil, Semi Drying Oil, Non Drying Oil and Vegetable Fats.

Drying oil

Oils are kept in open place with in a short time they absorb the oxygen and form butter like coating on their surface this type oil known as Drying oils Eg: Soya oil.

Semi Drying Oil

Oils are kept in open place with long time of duration they absorb the oxygen and form butter like coating on their surface this type oil known as Drying oils Eg: Sesame oil

Non Drying Oil

Oils are kept in open place with long time of duration they do not absorb the oxygen and they do not form butter like coating on their surface. This type oil known as Drying oils Eg: Peanut oil, Castor oil.

Vegetable Fats

They are Liquid at a Room temperature and they are solid below the room temperature. Eg. Coconut oil.

Oil extraction Methods

Oils are extracted from the oil bearing seeds by the mechanical pressing and by solvent Extraction process.

Some of Medicinally used of Fatty oils

Coconut Oil

Coconut oil extracted from the endosperm of Cocos Nucifera plant by the mechanical pressing. This oil used to cure the wounds caused by Acids, fire. It used to cure the Scabies, Fungal infection of the skin (Tinea) and Dental problems. Traditionally used for Cooking and as hair oil. In commercially it was used to making a Soap and Shampoo.

Gingilee oil

Gingilee oil extracted from the seed of *Sesamum indicum* plant by the mechanical pressing and solvent Extraction process. It contains chemical compounds like Sesamine, Sesamolin, Phytosterol and Vitamin E. It is Laxative, Nutritive, Coolant and Soothing agent. Sesamine oil used to treat the Wounds, Scabies, Eye and Ear Disease. Gingilee oil in Siddha used as a preservative in numerous medicated oils.

Castor oil

Castor oil extracted from the seed of *Sesamum indicum* plant by the mechanical pressing and solvent Extraction process. It used to treat the constipation, Hernia, Stomach and Duodenal Ulcers. In commercially it used to make Dyes, Soap and Plastics.

Groundnut oil

Groundnut oil extracted from the seed of *Arachis hypogea* seeds by the mechanical pressing. It used to treat the constipation, Cystitis. In commercially it used to make Creams, Soap and Ointment. Groundnut oil contains Vitamin A and D

Sunflower oil

Sunflower oil extracted from the seed of *Arachis hypogea* seeds by the mechanical pressing. Sunflower oil used to cooking for Heart patient.

Jangli almond oil

Jangli almond oil extracted from the seed of *Hydnocarpus laurifolia* seeds by the mechanical pressing. Jangli almond oil 48% Hydnocarpic Acid, 27% Chaulmoogric Acid, Oleic Acid, Palmitic Acid. It is used to treat the Leprosy, Scabies and Several Types of Pain.

Croton oil

Croton oil extracted from the seeds of *Croton tiglium* by the mechanical pressing. It is used as purgative to treat the Constipation.

Walnut Oil

Walnut oil extracted from the seeds of *Juglans regia* by the mechanical pressing. It is used to treat the worm infestation and Eye Diseases.

Neem Oil

Neem Oil extracted from the seeds of *Juglans regia* by the mechanical pressing. It is used to treat the Vata Diseases, Scabies and Eczema. It has Nimbin, Nimbinin, Nimbodin and Azadirachtin alkaloids.

Pungan oil

Pungan extracted from the seeds of *Juglans regia* by the mechanical pressing. It contains Karanjin, Pongamol, Glabrin. It used to treat the Skin Diseases like Fungal infection, Scabies and Eczema.

Olive Oil

Olive Oil Extracted from the fruits of *Juglans regia* by the mechanical pressing and Hand pressing Methods. Olive Oil Used to Treat the Skin Diseases.

Essential oil

Essential oil are compound of terpin, oxygen and sulphur. Essential oil also known as only volatile oil because of evaporated at a high temperature.

extraction of Essential oil

Essential oil are extracted by following three ways distillation method, expression and extraction by solvent.

Medicinal uses of Essential oil^{[3][4]}

Citrus Oil

Essential oil extracted from the leaf of *Symbopogon citratus* and *Symbopogon flexuosus*. It is used as mosquito repellent. From the soil Vitamin A is separated.

Clove oil

It is extracted from the flower bud and the leaf fruits of *Syzygium aromaticum* plants. It is used as local anaesthetic in the dental pain.

sandal oil

sandal oil extracted from the wood of *Santalum album* plant it is used to treat the Gonorrhoea, Urthritis, cystitis and also it was used to prevent the skin diseases.

Deodora oil

This oil extracted from the wood and root from *Citrus deodora* plant. It is used to treat fever and skin diseases

Green oil

It is extracted from leave of *Pogostemon heyneanus* by the steam distillation method. It is used as antibacterial. It is hair growth promotor.

Cananga oil

It is higher in Essential oil. It is extracted from flower of *Cananga odorata* by solvent method. It is medicinally used in the cephalgia, gout and Eye disease.

Rose oil

It is highly costly oil in the essential oil in the world. extracted from the leaf and flowers of *Rosa domesenna* by the distillation method.

Eucalyptus oil

It is extracted from leaf of *Eucalyptus globulus* plant. Eucalyptus oil is antiseptic used to treat the malaria and it is act as mosquito repellent.

Geranium oil

It is used as mosquito repellent

Champa oil

It is extracted from the flower of Michalia chambaca by the solvent method It is used in gout and act as insecticide.

calamol oil

It is extracted from the Acorus calamus plant it has Calamine,Calamenol.It is an insecticide

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