

INTRODUCTION TO THERAPEUTIC ESSENTIAL OILS AND THEIR BENEFITS IN MASSAGE THERAPY Continuing Education E-Book



Melissa Wood, ND, MTI, LMT



INTRODUCTION TO THERAPEUTIC ESSENTIAL OILS AND THEIR BENEFIT IN MASSAGE THERAPY

Welcome to the Introduction to Therapeutic Essential Oils and Their Benefit in Massage Therapy 6-credit continuing education class!

Class Objective: This online class has been developed to educate Texas Licensed Massage Therapists on the uses of Aromatherapy/Essential Oils in their massage therapy practice. It is my hope this material will be interesting, educational and a valuable resource to assist you with working with massage therapy clients. Essential Oils are very powerful healing therapies and can greatly enhance your massage practice, while also helping to improve the health and vitality of your clients.



Copyright Information

This e-book class is copyrighted, and thus, all information enclosed within is the property of the owner (Melissa M. Wood, ND, MTI, LMT), and copying or distributing said material is against the law. All rights reserved. Reproduction, distribution, or replication of this e-book class is strictly prohibited unless specific written prior consent of Melissa M. Wood, ND, MTI, LMT has been made.

All photographs herein are the property of their respective owners and have been obtained legally through royalty-free images and other permissible works.

Disclaimer

I am a Naturopathic Doctor (N.D.), Massage Therapy Instructor (MTI), Licensed Massage Therapist (LMT) in the State of Texas, and NOT a Medical Doctor (M.D.). I have been trained in holistic and natural therapies for the body and do not diagnose any medical condition nor prescribe any medications. Should you need immediate medical or psychiatric assistance, please telephone 911 or seek immediate treatment at an emergency room hospital. This course is not intended to replace the services of a licensed health care practitioner in the diagnosis or treatment of illness or disease. Any application of the material set forth in the following text is at the user's discretion and sole responsibility. Nothing listed within this e-book class should be considered medical advice for dealing with a given problem. You should consult your health care professional for individual guidance for specific health problems. It is understood that the author is solely responsible for the content of this work.

This is an educational e-book class designed to be instructive and informative in nature. The ideas presented within this document are not intended to replace a one-on-one relationship with a qualified healthcare professional, and they are not intended as medical advice. I encourage you to make your own healthcare decisions based on your research and in partnership with a qualified healthcare professional. The use of this information, suggestions, recommendations, products, or services should be based on your own due diligence, and you agree I am not liable for your success or failure.

Melissa M. Wood, ND, MTI, LMT

My name is Melissa Wood, and I am a Naturopathic Doctor, Health and Wellness Coach, Massage Therapy Instructor, Licensed Massage Therapist, and Aromatherapy Consultant located in Sherman, Texas. I have been studying alternative and natural medicine for over 25 years.



My mission is to enable everyone on this

planet to be healthy and to be actively involved in their health and healing. My goal is to offer information that will provide you with new insights that are useful in your path to wellness. I envision a time when everyone will seek out herbs, essential oils, vitamins, minerals, nutritional supplements, and whole foods (not processed food!) to help heal themselves, as these are very powerful tools for enhancing your health and well-being.

APPROVED MASSAGE THERAPY INSTRUCTOR

MELISSA WOOD, ND, MTI, LMT 718 Highway 82 East, Ste 226 Sherman, TX 75090

- Texas Licensed Massage Therapist number: MT029757
- Texas Continuing Education Provider: CE1384
- Texas Massage Therapy Instructor: MI2424

National Website: www.onlinemassagececlasses.com Texas Website: www.texasmassageceu.com



Stay in touch with me! Connect with me on Facebook! https://www.facebook.com/TexasMassageCEUMelissaWood



TABLE OF CONTENTS

CHAPTER 1 – INTRODUCTION TO AROMATHERAPY & ESSENTIAL OILS	5
CHAPTER 3 – CHEMISTRY AND STRUCTURE OF ESSENTIAL OILS	16
CHAPTER 4 – OUR SENSE OF SMELL	20
CHAPTER 5 – DIFFERENT GRADES OF ESSENTIAL OILS	23
CHAPTER 6 – HOW ESSENTIAL OILS ARE MADE	32
CHAPTER 7 – CAUTIONS AND CONTRAINDICATIONS	36
CHAPTER 8 – USES OF ESSENTIAL OILS FOR HEALTH	40
CHAPTER 9 – USING THE OILS IN MASSAGE THERAPY	42
CHAPTER 10 – SINGLE ESSENTIAL OILS TO USE FOR MASSAGE THERAPY	49
CHAPTER 12 – THE TOP 10	63
CHAPTER 13 HOW TO BE A BETTER MASSAGE THERAPIST	68
INSTRUCTIONS FOR OBTAINING YOUR CERTIFICATE OF COMPLETION	74
SOURCES AND REFERENCES	76

Chapter 1 – Introduction to Aromatherapy & Essential Oils

The dictionary states that "aroma" means "a distinctive, agreeable odor or fragrance." "Therapy" refers to "the treatment of disease or disorder as by some remedial, rehabilitative or curative process." Put those words together and "Aromatherapy" means "the therapeutic use of fragrances to promote physical and psychological wellbeing¹."

Essential oils are highly concentrated, aromatic volatile liquids that are distilled from plants. They can come from the leaves, bark, flowers, roots or seeds of the plant. Bushes, plants, shrubs, trees, herbs and flowers can all be used to make an essential oil. Think about what happens when you tear a rose petal; you will get moisture. This moisture is the highly concentrated essential oil that comes from the plant. This oil is filled with hundreds of complex, chemical unique compounds (constituents). Can you imagine how many rose petals it takes to produce PURE Rose essential oil?² About 5,000 pounds of rose petals equals about 1 pint of pure Rose Essential Oil which explains why PURE Rose Essential Oil is so expensive! Likewise, 1 drop of pure Peppermint Essential Oil is equivalent to 28 cups of store-bought herbal Peppermint Tea. That's pure plant power! "...essential oils are highly concentrated and far more potent than dried herbs. The distillation process is what makes essential oils so concentrated. It often requires an entire plant or more to produce a single drop of distilled essential oil." - Essential Oil Desk Reference, (Fourth Edition), compiled by Essential Science Publishing

Aromatherapy³ is a process whereby one uses the fragrance from the essential oil in a therapeutic manner. This can be done with inhalation, bathing, massage, ointments, compresses, douches,

mouthwashes. foods and (in some cases) internally via capsules. of The scent the oil essential when inhaled affect can change in the body from physiological а



perspective and also affect emotions and mood.⁴ When the essential oil is massaged into the skin, it has a pharmacological action and affects body systems like circulation, organs and glands. Since massage involves both the physical application of the oil and the inhalation of the oil, it makes essential oils a powerful healing methodology for use on your clients.

Utilizing therapeutic essential oils can be extremely healing as not only do they work from a "preventive" standpoint, but they are also very powerful allies to have in chronic and acute conditions. This makes them extremely versatile healing agents with much flexibility and power. Because this type of therapy works on both the physical and emotional aspects of a client, it naturally allows the body to find its balance again and bring about healing and homeostasis.

Each individual essential oil has a distinct function or purpose and hundreds of chemical compounds. They can be used individually or combined with other essential oils to create a "blend" that is infinitely more powerful than the individual oils by themselves. They also are "vibrational" which means that they carry an energetic frequency within them, much like an electrical charge, except it works energetically in the body⁵. Vibrational frequencies are complex to explain, but a simple explanation is that back in the 1920's a medical doctor, Royal Raymond Rife⁶, MD, developed an instrument to detect and measure frequencies. Of course, every living thing (including humans) has energy. So he went on to measure these energy frequencies and found that at certain levels, they could help to prevent disease. Since that time, much research and development has been done in the area around frequencies but when pure, therapeutic essential oils were tested, each one was found to have their own vibrational frequency. This makes them especially powerful when used in our body because they are able to "communicate" with our body on a cellular level.

The word "oil"⁷ when referenced to essential oils is not really an "oil" but instead are volatile liquids. Unlike oils such as Almond, Avocado or Jojoba oil, most essential oils will evaporate when placed on blotter paper or the skin. The other oils will certainly leave an "oily trace." Essential oils do not clog our pores, but instead are absorbed quickly into our body. Research shows after topical application, essential oils can be found in our cells and organs within about 21 minutes.⁸

Plants play a vital role on our planet; not only in feeding us and in the formulation of natural herbal therapies, but also used as a base in many prescription drugs (see listing of <u>Plant Based Medicines</u>). The most powerful part of the plant, the essential oil, has been used to kill bacteria, fungi and viruses. They are one of the greatest healing resources we have today, and although aromatherapy has been used for centuries, unfortunately, we have forgotten about these powerful oils. Manufacturers have instead started using synthetic ingredients in everything from perfumes and lotions to laundry soap and foods. All of these synthetic ingredients are not good for the human body and it is my personal opinion (and that of others as well), that it is because of synthetic and processed ingredients in personal care products and foods, that our health has been on a steady decline over the last century. Natural, therapeutic essential oils are PURE and while they can be extremely powerful for aiding our health, they leave absolutely NO toxins behind in our body nor have any detrimental effects on us when used properly.

Oftentimes, people mistakenly assume that because an essential oil smells flowery or sweet, that it is only to be used for perfume purposes. This is simply not true and you should be aware that behind that sweet smelling oil is healing power. *Of course, this is only true when dealing with "therapeutic" grade pure essential oils and not a synthetic aromatherapy product.* There are definite differences between essential oil brands and we will talk about that in a future chapter (see Chapter 5 – Different Grades of Essential Oils).

Finally, modern medical science is doing research and conducting medical studies that are proving these essential oils are very therapeutic and can be used for healing in a wide variety of medical conditions.

"With essential oils you can take control of your life and environment, secure in the knowledge that your wellbeing will be improved." – Valerie Ann

Worwood, The Complete Book of Essential Oils & Aromatherapy



Field of Lavender

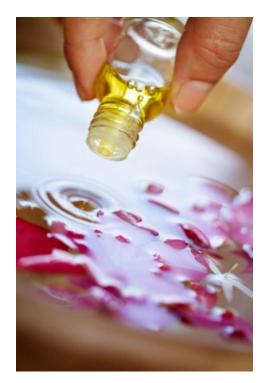
http://www.TexasMassageCEU.com

Chapter 2 – History of Essential Oils

Aromatherapy dates back to antiquity⁹. Of course there are virtually hundreds of references to essential oils throughout the Bible¹⁰. But also these oils played a significant role in the medicinal healing done in ancient Egypt, China, Greece, Rome and India. Many of these places still use these oils today to promote healing.

Ancient Egyptians¹¹ used scented oils and perfumes daily to preserve their skin from their harsh, dry climate. They also understood that plants had certain antiseptic properties and used oils like Frankincense, Myrrh, Cedarwood and Sandalwood in rituals of purification and embalming the dead. Other oils like Lemon, Cinnamon and Clove were used in rituals and healing, including massage therapy to bring about improved health. The resins from the essential oils Frankincense and Spikenard were found in King Tut's tomb dating from 1320 B.C. Recently, a 3,000 year old mummy was unwrapped, but it had retained the fragrances of Myrrh and Cedarwood on the bandages. The Greeks learned about the power of fragrance from the Egyptians. Scented oils were used in massage and were also believed to have medicinal properties. The Romans went on to develop public baths which were then followed by a scented massage using the oils.

Scents and oils have been used throughout Asia for thousands of years. Oils believed to have medicinal and cosmetic properties, are still being used today. History shows that a still was found in the Himalayan foothills and it is believed that essential oils were distilled in 3000 BC and taken from modern bazaars in Istanbul to Bombay. In 9th century Baghdad (what is now Iraq), the center of the rose industry prospered on the sale of rosewater to India. India of



course, has long used medicinal plants, including aromatic oils for the of holistic system Ayurvedic medicine. Ayurvedic medicine¹² is a system of medicine that today would be considered an "alternative" or "complimentary" therapy here in the West. But this system of healing has worked for thousands of years. Evaluation of a person's body type is made and then foods. herbal formulas oil and essential

suggestions would be made to bring the person's body back into balance.

In the 12th century, trade routes had developed between Europe and the Middle East. Herbs, spices and essential oils were exported in to Europe and finally in the 18th century, these fragrant oils became very popular with the royals.

Over time though, the use of essential oils was forgotten. With the introduction of antibiotics and pharmaceutical drugs, natural remedies were largely overlooked, particularly here in the West. It wasn't until the early 20th century that interest in it was renewed. A French chemist, Rene-Maurice Gattefosse¹³ had an accident in his laboratory and he was the first to use the oils to promote healing. Having been born into a perfumery family, he had started studying essential oils in 1907. In 1910, after setting his lab and himself on fire, he reacted quickly by rolling on a grassy lawn. Both his hands were severely burned and rapidly developing gas gangrene. He then rinsed his hands and arms with Lavender essential oil. He was amazed that the pain from the burn lessened a great deal and that the oil, remarkably, allowed his arm to heal from the burns he incurred....and with no scar. He then devoted his life to researching the healing properties of essential oils and he was the one who coined the word, "Aromatherapy." Not surprisingly, pure therapeutic



Lavender essential oil is highly recommended for the healing of burns and scars¹⁴ because of the incredible healing properties it possesses for the skin. Dr. Gattefosse then shared his research and studies with his friend, Dr. Jean Valnet, a French physician who was practicing in Paris. During World War II, he exhausted his supplies of antibiotics and started utilizing therapeutic essential oils to heal soldiers' injuries. Their healing power resulted in combating and counteracting

infections and he was able to save many soldiers during the war. Later, he successfully treated patients with psychiatric issues and found the oils had physiological AND psychological healing properties.

An Austrian biochemist, Marguerite Maury¹⁵ then studied Dr. Valnet's work and established aromatherapy in Britain. She continued her



research into these essential oils and eventually revived the ancient link between aromatherapy and therapeutic massage.

Finally, in the 1960's, essential oils were combined with Swedish Massage Therapy¹⁶ which led to the practice of aromatherapy as a healing art. Now considered a holistic and complimentary

discipline, aromatherapy is used by many to bring about positive health changes within the body, without harmful or negative effects.

Currently, researchers and health care professionals are discovering their therapeutic medicinal action for use against bacteria, viruses, fungi and parasites. Studies done at Weber State University¹⁷ have indicated that most viruses, fungi and bacteria cannot live in the presence of many essential oils; particularly the oils high in phenols, carvacrol, thymol and terpenes (essential oils like Thyme, Clove, Lemon, Rosemary, and Cinnamon are just a few). The particular chemical constituents found in these essential oils, help to protect the body and the immune system from invaders.

Chapter 3 – Chemistry and Structure of Essential Oils

As stated earlier, essential oils come from within the plant. But why would a plant need to have an odor? Plants use their odor for two reasons; one is for defensive purposes and the other is for attraction. Roots, leaves and bark have a smell so that it deters animals or insects from chewing or destroying this part of the plant. Flowers, however, emit an odor to attract animals and insects to help with pollination and reproduction.

Essential oils are different from one another depending on how they are made and what part of the plant is used¹⁸. Some are light in color (like lavender, peppermint and lemon); others are darker (like patchouli and cinnamon). Some are very fluid and watery, others thick like syrup. They are very complex, with each one consisting of hundreds of different chemical constituents (chemotypes), such as sesquiterpenes, terpenes, alcohols, esters, aldehydes, ketones, phenols and of course, there are many constituents that are still undiscovered.¹⁹ The constituents that are within an essential oil can be affected by many different variables. Therefore, it is important to determine what the manufacturer of the essential oil is doing. What part of the plant was used to produce the oil? Was the soil organic or was fertilizer used? What geographical region did the plant grow? What about the temperature and altitude? Believe it or not, these factors are very important when producing therapeutic

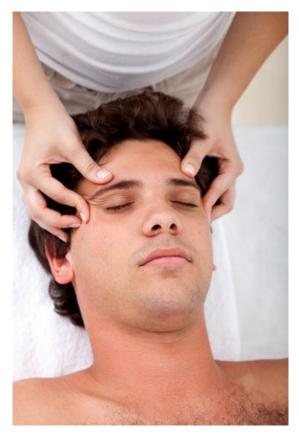
essential oils. Let's take Thyme (Thymus vulgaris) oil²⁰ for example. This particular species can produce several different chemotypes, depending on where it is grown, what the altitude is and how the climate is. One type of thyme might produce an essential oil with a high level of the chemotype thymol, which is dependent on the time of year it is harvested. The later in the year it is harvested, the higher amount of thymol it contains.

So you can see that in order to produce a therapeutic grade essential oil, preservation of the chemical constituents is extremely important. These fragile constituents can be easily destroyed by the incorrect growing conditions, harvesting process and distillation method.

Therapeutic essential oils²¹ have a very positive effect on the human body. This is probably due to the fact that our chemical makeup and that of an essential oil are very similar in nature. In the bloodstream, essential oils work positively by fighting infection, bringing oxygen and nutrition to tissues while at the same time, helping dispose of waste products and toxins. This increases the immune system function and aids in healing. They also act on the central nervous system and can be relaxing (like lavender or chamomile) or stimulating (like rosemary or black pepper). Many oils have the ability to bring about balance, such as geranium which can either have a sedative effect or be stimulating depending upon the unique needs of the individual. Oils like Clary Sage²² and Sage

that both contain the constituent sclerol, have an estrogenic action on the body and are helpful for regulating and balancing hormones. Essential oils that contain limonene (like Orange, Grapefruit and Lemon) are showing promising results in studies against cancer; both prevention and slowing and reversing cancer tumors. Other essential oils work like chelators; snapping up excessive amounts of heavy metals circulating in our bloodstream and carrying them out of our body.

When pure, therapeutic-grade essential oils are used clinically²³, they exhibit significant anti-inflammatory and endocrine balancing effects. They have a profound influence on the central nervous system, which then helps to reduce or eliminate pain, change physiology in the body and affect brain and mood function. They contain chemical structures that allow them to rapidly penetrate cell membranes, travel through our blood supply and improve cellular function. Their molecules are relatively small, which enhances their ability to penetrate into our cells. This unique lipid-soluble structure of the essential oils, allows them to travel through our body in a matter of minutes when applied topically through our skin.



Being a massage therapist²⁴, you know of the profound effect a healing touch can have on a person. Soothing achy muscles and allowing a person the freedom to relax, can have significant healing abilities. When therapeutic essential oils are combined with massage, the healing session gets intensified and oftentimes the client will report a sense of euphoria.

Chapter 4 – Our Sense of Smell

Have you ever thought about what happens when you smell something? There is a lot that goes on behind the scenes in your body that translates that odor into something conscious in your awareness. For instance, think about growing up...perhaps your mother made homemade chocolate chip cookies or apple pie. Today, maybe years later, when you smell those things, you might get a sense of peacefulness; it might bring up warm memories of your family and childhood. Smells help us in how we perceive situations, places and even people. To this day, whenever I come across someone wearing a particular fragrance of after-shave, it immediately reminds me of my father who wore only that particular scent.

What about dangerous situations such as the smell from skunks or the odor associated with a gas leak (rotten egg smell). Those smells send a message to our brain to warn us of danger.

Why does that happen? More importantly, HOW does that happen? Olfaction²⁵, which is the scientific name for the sense of smell, is what allows our nose to smell. Molecules from odors and fragrances reach the brain through our inhaling them. Inside the inner nasal cavity is the olfactory bulb. Covered in a special membrane called olfactory epithelium, this tissue consists of about 10 million nerve cells. These cells carry information direct to the

brain via the olfactory nerve. There it is interpreted by the limbic portion of the brain, which is associated with memories, feelings and emotion. In turn, you smell "vanilla" or "peppermint" and perhaps have an instant memory surrounding that particular smell. Our sense of smell is connected intimately to our memory; which explains why when you smell that home baked apple pie, it makes you think of a long ago memory of childhood.

The limbic portion of our brain is connected to those parts of the brain that control heart rate, blood pressure, breathing, memory, stress and hormone balance²⁶. So you can see utilizing essential oils can have a profound physiological **and** psychological effect on our body.

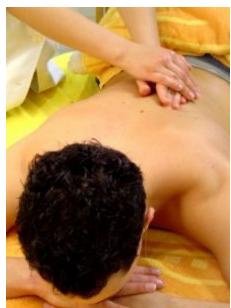
Clinical research performed at Duke University reports that certain relaxation. reduce scents promote stress and alleviate depression²⁷. Other smells can increase memory, enhance sexuality and assist with sleeping. Other research shows that the sense of smell has a strong impact on our hypothalamus – this is an area of the brain that is the hormone command center of the body. Some essential oils that are high in sesquiterpenes like Sandalwood, Cedarwood, Vetiver, Myrrh. Melissa and Frankincense, considerably increase oxygenation and activity in our brain; this of course can directly improve the function of many other systems in our body. Sesquiterpenes²⁸ are just one of the many constituents in essential oils; in particular, they are antiinflammatory, antiseptic, help to stabilize the brain, support and nourish organs and have the ability to increase oxygenation to the brain. Inhaling essential oils has been shown to stimulate the secretion of antibodies, neurotransmitters in the brain (like serotonin), endorphins, hormones and enzymes. Chapter 5 – Different Grades of Essential Oils

As stated earlier, there are different grades of essential oils²⁹. Unfortunately, most on the market today are made with synthetic ingredients. I cannot stress enough how important it is for you to do your due diligence and research on this subject. Since the subject matter herein discusses the use of essential oils during massage therapy, it is *extremely important* for you the therapist to ensure you are putting the purest essential oil on your client. As you know, the skin is our largest organ. When using the skin during a healing session, what you put on it gets in your client's body relatively quickly and *research has shown that essential oils get* in every cell and organ in our body within 21 minutes of **application.** The last thing you want is to use an inferior essential oil that can hurt them in any way; not to mention you! If you're using a synthetic oil, remember that that oil will be getting into YOUR body many times per day and this can definitely lead to health problems down the road.

Unfortunately in the United States, there really isn't a regulatory agency that ensures that manufacturers are using unadulterated plants to create pure essential oils. In Europe there is an organization called AFNOR (Association French Normalization Organization Regulation)³⁰ and ISO (International Standards Organization)³¹. They have standards that have been established

that outline the chemical profile and constituents that a quality, pure therapeutic essential oil should have. Their guidelines help consumers differentiate between a therapeutic grade essential oil and a lesser grade essential oil. All of the therapeutic grade essential oils that I refer to in this e-book class, have been graded to AFNOR and ISO Standards.

As a Licensed Massage Therapist and Naturopathic Doctor, I have done my own research and due diligence in this area. Starting in private practice over 14 years ago, I was first introduced to essential oils by a fellow colleague and massage therapist. The brand was Young Living Essential Oils. I checked into them very thoroughly. The fact that the founder, Gary Young, was also



a Naturopathic Doctor was a very important factor for me. I knew then, that with his background in natural therapies, he would recognize the importance of preserving the chemical constituents of the plants during the processing of the oil. After researching extensively and looking at how commercial essential oils were made, I knew that his custom-designed steam distillery ensured the oils remained therapeutically viable, and would benefit the human body instead of harming it. Again it is vitally important to use only pure, unadulterated essential oils while doing massage *therapy on your client,* so be sure to use a reputable brand like Young Living to ensure you are getting the very best quality oil. Many years later, I had the opportunity to meet Gary Young and to visit with him after a lecture he gave on essential oils. It is an experience I will not forget. After lecturing for several hours one evening, he spent another 2 hours talking with me after the event. I told him of patient cases I had where I was struggling to help certain individuals overcome particular health symptoms and get on the right track with regard to their health. He listened patiently and made many recommendations for oils I could try that would help that person with their unique symptoms. His suggestions worked

and it renewed my interest and belief in these powerful healing essential oils. Now, these therapeutic essential oils are part of my Naturopathic practice and I use them routinely with my clients to help them attain a better level of health and to overcome their health challenges.

Because of the AFNOR and ISO standards, every batch of essential oils that Young Living makes must be tested by highly trained, independent laboratories



that are consistent with European principles to ensure the oil is pure, unadulterated and not contaminated. Any oil that does not meet their standards is rejected and returned.

After investigating a number of different essential oil companies, I found that unfortunately, not all essential oil companies have the same process or high standards, for extracting and packaging essential oils. With hundreds and hundreds of essential oils on the market today it is more important than ever to research manufacturers. *Approximately 98% of the essential oils produced today that are available for sale commercially, are used in the perfume and cosmetic industry and unfortunately, have NO therapeutic value at all.* This all can be quite confusing and misleading when looking for essential oils, so here are some tips when shopping for essential oils:

1. Is "aroma" or "perfume" listed anywhere on the label? If it does not say 100% pure therapeutic-grade essential oil, you are looking at an inferior product. In many cases, even bottles that state 100% pure therapeutic-grade essential oils are selling an inferior product. I was in a health food store the other day and I stopped to look at the oils they carry. A very popular brand was there and I stopped to look at their Frankincense Essential Oil. The label clearly stated it was a 100% pure essential oil, but there was no botanical name of the plant listed and the bottle was for sale for \$25.00! This clearly was an altered product as

true Frankincense (Boswellia sacra)³² grows on a tree in the Middle East. The tree produces resin and it is from that resin that the essential oil is distilled. This process is very costly and time consuming (about 12 hours for proper distillation). True *pure* Frankincense oil should be closer to \$50.00-\$100.00, depending on the size of the bottle. It's just not possible to get the correct plant, grown in the correct environment and distilled in the correct manner, for \$25.00!

- Some suppliers dilute a pure essential oil with alcohol or other substance to save money. Be sure to check any ingredients listing to ensure nothing else besides the plant oil, is listed.
- 3. Finding out the exact botanical name of the plant used in the making of the essential oil, is very important. For instance, take Lavender Essential Oil³³. Unfortunately, most of the lavender essential oils on the commercial market use a different plant, Lavandin, to make Lavender Essential oil. True Lavender Essential Oil, with the Latin botanical name *Lavandula Angustifolia*, has hundreds of chemical constituents and has many different therapeutic uses in the body. Other species, like Chamomile or Eucalptus, have many different species as well; i.e. Roman, German or Moroccan Chamomile, or Eucalputus Radiata, Globulus or Dives. Learning about each species and their respective medicinal chemical properties, will help you decide which one will be the most therapeutic for the healing

properties you are using it for. Then, checking the labels on the essential oil bottles you are considering purchasing to look for the Latin botanical name will help ensure you are getting the exact plant species you're looking for.



4. Although this e-book class is a discussion about essential oils and

how they can enhance a massage therapy practice, in certain circumstances, some "therapeutic grade essential oils" can be taken internally. Therefore, when reviewing essential oil brands, check to make sure the essential oil label has a "Supplemental, Nutritional Fact or Dietary Supplement" statement or label. If not, the oil you're looking at definitely *is not fit for internal human consumption.* Of course that is outside the scope of a Massage Therapy practice, but in the event you personally want to learn more about internal use of therapeutic essential oils, I suggest you contact a qualified healthcare provider or purchase a book on the subject of essential oils.

 Do all the essential oils have prices that are similar? Pure Rose essential oil or Jasmine will be *very* expensive (approximately \$180) for a small 5ml bottle. Remember it takes thousands of pounds of the rose petals to make pure oil. So if you see Rose Oil for \$10.00, you know for sure you're getting a fake!

- 6. Does the store where you are looking have samples to smell? If so, let your nose be a guide too. Pure oils will smell very different from imposter oils. There should be "crispness" and a "fresh" smell; any negative smell, chemical or overly "sweet" smell is a sign you're smelling a synthetic product. Also, another flag would be if you suddenly get a headache or start to sneeze or if you in any way feel repulsed by the oil. Once again, this would be a sign this oil is of inferior quality and not a PURE essential oil.
- 7. Does the manufacturer of the essential oils own their own farms on which they grow the plants for essential oils? Do they grow organic plants for use in making the essential oils? Is the farm land free from toxic chemicals or pesiticides for the last 50 years? If not, then the oil made from the plants grown in these inferior conditions will be contaminated from pesticide and herbicide use and will NOT be medicinal in nature. If the company does not grow any of their own plants, but instead purchases all their plants from outside suppliers, they are often known as "oil brokers" and if they don't control the growing conditions of the plants and the distillation of those plants, often those oils are produced synthetically.

- 8. Does the manufacturer subject their essential oils to testing not only in-house to check for purity, but do they also send their samples to outside, third party, independent labs? Do they meet the standards set in place by AFNOR and ISO?
- 9. If the company purchases oils from other suppliers, do they visit the farms and distilleries of those farms to ensure growing and harvesting conditions of the plants?
- 10. Does the essential oil manufacturer know if the plants were tested to determine the optimal time for harvest? Plants frequently change their chemistry over days and weeks of growing and there are certain time periods where it is optimal to harvest the plant in order to capture the most beneficial medicinal qualities of the plant, that then can be turned into a medicinal healing essential oil.³⁴
- 11. Was the essential oil distilled using steam pressure at low heat? Oftentimes, a manufacturer will use steam pressure to make an essential oil, bu they will use the maximum amount of pressure and heat in order to save on costs. Doing so, results in damage to the delicate molecules and chemical constituents of the oil which ultimately, makes the oil an inferior product.
- 12. Are the oils in dark brown amber glass bottles? If not, then the delicate oils can be harmed by the light and if stored in plastic will absolutely be toxic to the human body. Plastics of course,

contain Bisphenol A (BPA) which is a known toxin in the human body. It significantly affects endocrine function which results in hormone fluctuation, thyroid issues, and obesity problems and has been linked to neurological and cancer cases. Also be sure any oils stored in bottles do not have a rubber stopper; these are substandard and will contaminate the oil.

13. Also, extreme temperatures are not conducive to protecting the fine chemicals within an essential oil, so be sure they are not exposed to extreme cold nor extreme heat.

Chapter 6 – How Essential Oils Are Made

Different plants require different extraction methods³⁵. As mentioned earlier, it takes approximately 5,000 pounds of Rose petals to make about 16 oz. of pure Rose Oil. A great South American essential oil, Copaiba is tapped directly from the Copaiba (Copal) tree, much like maple syrup is tapped from the maple tree. The essential oils from the Pine family come from the needles. Orange, lemon, lime and grapefruit oil would come from the rind and peels of the fruit. Jasmine essential oil comes from the flowers of the plant and just like rose, requires a great deal of blossoms to make the oil hence the extravagant (but very worthwhile!) price tag. Fortunately, when dealing with pure oils, you need only 1 drop. So



a little bit, goes a *really* long way.

Plants are grown in all parts of the world. Of course since different plants have sometimes many different species, it is important to obtain the botanical name of the plant, the location in which it was grown, when it was picked and how the essential oil was distilled. Believe it or not, the actual time the plant was picked is extremely important when it comes to the therapeutic value of the oil. If the plant is not harvested at the "prime time," a lot of the therapeutic value of the essential oil will not be available. This is particularly important for flower oils, such as Rose or Jasmine.

Extraction Methods

There are many ways to extract an essential oil from a plant. Some companies use chemical solvents, some use carbon dioxide and others still, steam distillation. By far the best way is steam distillation. Steam distillation captures the tiny oil droplets from the plant and carries them upward to a condenser which then allows the essential oil to separate from the water. Because of the distillation process, this results in the essential oil being very, very concentrated and far more powerful than dried herbs.

Within the steam distillation method³⁶, there are many different variants in this process. The amount of steam pressure, time allotted for distillation and the temperature of the steam all have to be controlled for maximum value of obtaining the most high quality oil. Certain plants require a longer distillation method from other plants, such as cypress. *Finding a manufacturer that understands about the plant and the therapeutically-active chemical constituents is vitally important when utilizing these precious oils for therapeutic and medicinal purposes.* Some commercial producers will cut down on the distillation time to cut costs, but in that process, they cut down greatly in the quality of the

essential oil that is produced. Worse still is when the temperature of the steam exceeds a certain amount for the plant involved. A higher temperature can damage the chemical structure of the oil and therefore, result in an inferior product.

Expressed essential oils come from the rind of fruit like grapefruit, lemon and orange. It is very important that expressed oils be obtained from organically grown fruit as any pesticide or herbicide use would be in the outer rind of the fruit and therefore, contaminate the essential oil.

Some manufacturers will put plants through a second and even a third distillation process. The resulting essential oil product is not as powerful as the essential oil that was produced from the "first round." Use of chemical and odorless solvents such as diethylphtalate or dipropylene glycol, are commonly used to 'extend' an adulterated or synthetic oil you might find on the commercial market. Just because an oil is available for purchase at a health food store, doesn't mean it is PURE.

As a Massage Therapist, you'll be using the essential oils for therapeutic and medicinal purposes on your clients. Purity, then, should be of the utmost importance. Obviously plants that are grown organically and in their optimal growing regions and conditions, will yield the best quality oil. Be sure to check with your supplier to find out where the plant was grown, whether pesticides were used on it, when it was picked and how it was produced into an essential oil. Knowing those answers will allow you to choose an essential oil that will be of the most benefit to your client.



Chapter 7 – Cautions and Contraindications

Just like prescription medications, natural therapies and essential oils need to be used with caution and a good degree of common sense. Just because something says "natural," does not mean it can be used with reckless abandon. Since the therapeutic essential oils I recommend using are highly concentrated and pure, they need to be used carefully.

As mentioned previously, although this e-book class is the discussion about essential oils and how they can enhance a massage therapy practice, in certain circumstances, some "therapeutic grade essential oils" can be taken internally. Of course since I am involved in the natural health field and have an active Naturopathic practice, I only recommend <u>Young Living Essential</u> <u>Oils</u>. Since not all oils can be taken internally, if you are interested in furthering your study into essential oils and their use in a therapeutic/clinical environment, I would suggest you consult a qualified healthcare practitioner as well as a definitive guide on the subject to educate yourself about what would be safe or not. In addition, the book below also has a list within it that discusses GRAS (Generally Regarded As Safe).

I highly recommend this book:

Life Science Publishing (2013). <u>Essential Oils Desk Reference, 5th</u> <u>Edition</u>.



In this introductory e-book class, I have

listed five (5) popular single essential oils and five (5) "blended" essential oils that are wonderful "beginner oils" to use in your Massage Therapy practice. The individual essential oils are listed starting in Chapter 10. Please refer to that section for reference and read through the cautions and contraindications for each one.

Here are some general guidelines regarding safety and cautions when using essential oils:

~ Keep essential oils away from your eyes, nasal passages and genital area.

~ Keep out of reach of children. Many essential oils are safe to use topically on children (consult each individual oil), but you definitely wouldn't want them to be accidentally ingested.

~ Practice caution when either you or your client may be pregnant and/or breastfeeding.

~ Use caution when dealing with epilepsy. Consult a qualified healthcare practitioner or a reference guide.

~ Certain oils (like citrus oils) increase the skin's sensitivity to sunlight, so caution should be advised when going to be in the sun. Make sure to advise your client of this, in the event you use any citrus oils.

~ Some oils require dilution; again see individual oil explanations. Be sure to always have a good carrier oil on hand in the event the essential oil causes discomfort to your client and you need to further dilute.

~ If an essential oil accidentally gets in your eyes, do NOT add water as this will only further push the oil into your eye. Instead, add a base oil such as olive oil or almond oil which will "grab" the essential oil and absorb it, making it easier to remove with a soft cloth or tissue.

~ For massage therapists just beginning to use therapeutic essential oils, it is best not to use too many at one time. It is recommended to just start out using 1 or 2 singles or 1-2 blends. Until you gain more experience using the pure oils, keep it SIMPLE.

~ If a client has a negative reaction (redness, itching) to the use of an essential oil, be sure to add more carrier oil to dilute the essential oil. Clients that have **severe** reactions and sensitivities to the use of <u>therapeutic essential oils</u> or their fragrances, in my opinion, have levels of toxicity in their body which would need to be addressed by a qualified healthcare provider. In that case, you should refer them to someone that can help them cleanse their system of the toxins utilizing natural therapies such as nutrition and herbal products. It is important you educate them about toxins and allergies; some people mistakenly assume they are "allergic" to essential oils or fragrances. Most of the time what has occurred is that at some point, they were exposed to a synthetic product; perhaps a commercial "aromatherapy" product somewhere. Because of the synthetic chemicals in that product, it caused them to have a reaction...sneezing or an "instant" headache. While this is certainly a very common occurrence with regard to synthetic and adulterated products, it is NOT common when dealing with PURE, therapeutic grade essential oils. So again, be sure to explain to them the difference in the types of oils and educate them about toxins and their sensitivities. Communicating clearly and patiently with your client will result in them trusting you and returning to you for many massages.

Chapter 8 – Uses of Essential Oils for Health

Holistic therapies³⁷ have been around for thousands of years. In ancient times, "conventional medicine" as we know it (prescription pharmaceutical drugs) was not available. People relied on the healing power of plants to help them when they were sick.

In remote parts of our world today, this is still the case. There are places on this earth, where illness is relatively unknown. They don't have obesity, high blood pressure or diabetes (nor do they have fast food restaurants around every corner either!). Depression is unknown in their culture. The people are still living their lives based on what their forefathers did; eating a predominantly plant based diet with no processed or synthetic foods, and utilizing the earth and the plants that are here for us, to help them when they do have illnesses.

Here in the United States, we are finally starting to seek out other natural therapies and have begun a transformation. Many more people are saying "there has to be a better way than drugs." We are becoming concerned with the side effects of chemicals, not only from prescription medication, but also in our food supply and in our personal care products. Finally, people are searching out for holistic and natural approaches to illness and disease. This is where you, the massage therapist come in. Initially, many people will search out a massage therapist to help them with not only physical symptoms, but also for stress relief. You are in a *unique situation to positively affect someone's health.* Utilizing therapeutic essential oils during a massage, allows this healing power to really penetrate into the client's body. Since our skin is the largest organ in our body, those essential oils can reach into the body into our organs to be carried through the circulatory and lymphatic system.

You also are somewhat in a position of authority with your clients. Oftentimes, when clients are first researching "alternative" or



"natural" healing approaches, a massage therapist will get the first phone call. So educating your clients about the therapeutic and healing power of these oils could be their first exposure to something "natural." This can help secure your position in their life and in their quest for natural healing. Your client will feel as though you really care and this will enhance their client experience with you.

Chapter 9 – Using the Oils in Massage Therapy

Utilizing essential oils during your massage therapy³⁸ sessions will result in you providing that extra level of care to your clients. Ask them how they feel about you incorporating some essential oils into their therapeutic massage. Explain that these oils have medicinal properties and can heighten the effectiveness of the massage and aid in healing. After you educate them about the therapeutic value of essential oils and how they can help to transform their health, your client will likely be very willing to experience them during a massage and the result is they will feel totally nurtured in the process! The powerful combination of your healing touch and gentle stroking, while incorporating therapeutic essential oils in the massage session, will be very effective for your client.

Using essential oils during the massage is not only healing for their physical body, but also can result in emotional and spiritual healing as well. From a physical standpoint, the massage strokes and pressure will help to relieve tired and aching muscles, relieve back pain, increase circulation in the body and help to remove toxins from the body. From an emotional viewpoint, the mind calms down and they will reach a place of deep relaxation that will result in them feeling a greater sense of wellbeing that helps to produce spiritual and emotional benefits.

Remember when you're massaging a client or working with pure essential oils on yourself, you don't need to use much of the essential oils. They are highly concentrated, so really you can start using 1-2 drops. Of course if it turns out that 1-2 drops isn't

enough for your purposes, you can always add more drops, but it is impossible to take out drops, use the "less is best" SO approach.

First. allow the client to experience the scent by smelling from the bottle. Remember. pure oils will be VERY strong and often holding the bottle a few inches from their nose will result in the smell wafting up to greet



Initially for some people, the scent(s) might be their nose. especially strong for them. You will come across people that are very sensitive to odors. Try some of your more popular fragrances like Lavender or Sandalwood to see what your client prefers. With new clients, I often use my intuition as a guide and sometimes I just get a "feel" for the client and what their needs are. Of course with a new client, you'll spend several minutes talking with them about their health condition(s) and finding out why they are coming to see you. This alone will give you some guidance as far as what oil(s) might be indicated for their particular, unique health condition. Have them smell some of the oils you think will benefit them. Sometimes, a client will really resonate with one or two oils; then, feel free to use them during the massage. Other times, a client will have a very strong negative reaction to a scent; this of course would be an indication to not use that oil on them at this point.



After the client comes back to see you multiple times, you'll develop a relationship with them and learn their preferences and their moods and you'll become very adept at

picking just the right oil(s) for them depending on what is going on in their life.

Remember if initially they have a strong negative reaction to an essential oil it doesn't mean they always will have a negative reaction to that particular oil. Try again in a few more sessions; smell interpretation can change in our body just like our taste buds change, so be sure to circle back around to an essential oil at a later time, especially if you feel like they really need it for therapeutic purposes.

How to Use Essential Oils

Because Young Living oils are so concentrated you really only need a very small amount. Don't be misled by other brands that encourage many, many drops. If you're going to use a commercial synthetic brand, that will be the case. But with the Young Living brand, because of their strict manufacturing process, you only need to start with 1-2 drops.

The use of a plant-based carrier oil³⁹ for massage is the preferred method in my opinion. Lotions are often filled with contaminants and cosmetic fillers that from a naturopathic perspective would be considered toxic. In particular would be substances like sodium lauryl sulfate, propylene glycol and parabens. So I always encourage the use of plant oils during massage. Avocado Oil and Sweet Almond Oil are two of my favorite carrier oils.

Assuming you are using one of the aforementioned carrier oils, pour a little in your palm and then add your 1-2 drops of the essential oil you want to use on your client. This automatically dilutes the oil for your client's skin and of course with your gentle stroking, will help smooth it out over their body. There are some essential oils (Lavender) that can be applied neat (without any dilution), but since you'll be doing massage with a plant-based carrier oil, you are automatically diluting the essential oil before applying. Again, you might encounter a client who is sensitive but most of the time, there should be no negative reaction at all. For clients that are new to essential oils, I take extra time with them and explain what I'm doing. I allow them to smell the oil before I put it on. I want to make sure they are 100% comfortable with this process and don't want them to feel any fear at all; otherwise, this totally contradicts the point of the massage! So be very communicative with them and explain every step you're taking. They will get great benefits from the inhalation of the oil, so allowing them to smell from the bottle is wonderful for them. I always suggest they take 3, very slow and deep breaths.

Using Effleurage strokes⁴⁰ is a great way to distribute the base oil you use during massage. Of course this stroke is gentle and noninvasive and warms up the muscles before any deep tissue work is done. A gentle essential oil like Lavender is great to use with Effleurage.

The Petrissage stroke would be good to use when a client has a particular area that is giving them discomfort. Trigger point and pressure therapy with thumbs, elbows and fingers will reach deep into their muscle, ligaments, tendons and nerves. When you add a couple of drops of a blended essential oil (like <u>PanAway®</u>) combined with Petrissage and/or trigger point therapy, the oil will help bring relief to those areas of muscle tension.

As you well know, certain clients hold more tension in their neck and shoulder areas, while other clients have more tension and pain in their lower back. Kneading those particular areas with an essential oil can help to soothe those tense areas and bring relaxation to the muscles.

Obviously after ANY use of essential oils, please be sure to wash your hands thoroughly. You certainly don't want to accidentally touch your eyes with even the slightest hint of an essential oil on your fingers.

Diffusing Oils in the Air

The other thing that is very helpful during a massage therapy session is to diffuse essential oils in the air. Diffusers are small pumps (like you would use in an aquarium) that will blow air into a container that holds the essential oil. The pumped air then helps to diffuse the essential oil into the air. There are many different types of diffusers that will slowly diffuse the scent throughout your therapy room.

One of the benefits of diffusing essential oils⁴¹ into the air is that the oils actually alter the chemical structure of molecules that could be creating odors. So instead of just "masking" the odor (like a chemical room spray), using essential oils actually "clean" the air and eliminate bad smells. They also produce negative ions which again help to clean the air by capturing pollens, mold and dust and eliminating them.

You can change the scent depending on your client, your mood, the time of year, etc. For instance, some of my clients really like the

"Joy[™]" scent, so I will diffuse that for them. In the wintertime, I always diffuse the "Thieves®" blend, so that it keeps my therapy room clean and fresh smelling and also helps to kill airborne bacteria so I remain healthy during the flu season when inevitably, people come in with all kinds of sicknesses!

Here are two of the most popular types of diffusers. There are of course, many other types of diffusers, but these seem to be the most popular. As with anything, there are pros and cons with each one, so I encourage you to research both of them and pick whichever one resonates with you the most. I personally prefer the Ultrasonic Diffuser.

Nebulizer Diffuser



Ultrasonic Diffuser



Chapter 10 – Single Essential Oils to Use for Massage Therapy

In this chapter, the essential oils mentioned are "single" oils, which obviously mean that there is one essential oil per bottle; i.e., Lavender Essential Oil. Since this is an "Introductory" class for essential oils, I have only listed five (5) single oils in this chapter. There are of course, hundreds of essential oils on the market but these five represent the most popular ones I have found to be useful in a massage therapy practice and are great "beginning" oils to use. In my "Practical Use" e-book class, I have listed 30 single essential oils. This listing, and the medicinal and therapeutic uses shown, relate only to <u>Young Living Essential Oils</u> as they have met the AFNOR and ISO standards that are indicative of a quality, therapeutic essential oil.



Eucalyptus Globulus (Eucalyptus Globulus⁴²)

There are many different species of Eucalyptus, but the most popular for massage is Eucalyptus Globulus. It soothes the respiratory system. It is good for Rheumatism/arthritis and helpful for sore muscles. It is wonderful to use as an expectorant as it makes mucus more watery and therefore easier to expel.

Crisp and fresh smell.

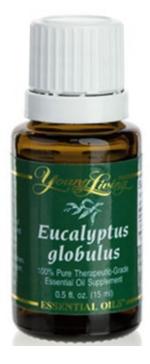
Plant Origin: China

Extraction Method: Steam distilled from leaves.

<u>Massage Use</u>: This is one of my favorite oils to use on people for when they are laying prone, get "stuffy-headed" and have trouble breathing. A few drops on the cloth that is placed over the face rest, will help keep their sinuses open while they are laying face down. In the wintertime, great to rub on upper chest and neck area for anyone suffering with respiratory congestion as it helps to "open" up airways to allow the breath to flow easier. It is also helpful for soothing sore muscles after exercise.

<u>Cautions</u>: Possible skin sensitivity. If pregnant or under a doctor's care, consult your physician. Dilution recommended for both topical and internal use. Dilute before using on sensitive areas such as the face, neck area, etc. Keep out of reach of children. Avoid using on infants and very small children.





*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent disease.

Copyright ©All Rights Reservedhttp://www.TexasMassageCEU.comMelissa M. Wood, ND, MTI, LMT51

Lavender (Lavandula Angustifolia)⁴³

Lavender is known for being the most popular essential oil and aromatherapy product on the market. *But also it is the most adulterated product in commercial stores.* It is a great relaxer and sedative as it is very soothing and refreshing. It is the most versatile of all the essential oils. A great adaptogen and helps the

body during great times of stress to restore balance. It is helpful for winding down at the end of the day, but also can boost stamina and energy when inhaled over a period of several minutes. Considered a natural antibiotic and is wonderful for use in depression. The best remedy for helping burned or scarred skin to heal without scarring. Also it is incredible for allergies and a powerful decongestant.

Fresh, floral scent.

Plant Origin: Utah, Idaho, France

Extraction Method: Steam distilled from flowers.

<u>Massage Use:</u> The top product used by massage therapists. Pleasant smell for most people, it aids in providing deep relaxation and enjoyment.

<u>*Cautions:*</u> Possible skin sensitivity. If pregnant or under a doctor's care, consult your physician. Dilution not required; suitable for all but the most sensitive skin. Generally safe for children over 2 years of age.

*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent disease.





Orange (Citrus Sinensis)44

Known to bring a sense of peacefulness to the mind. Very powerful immune support as it is rich in the antioxidant limonene which is shown to have very promising results in its use against cancer and tumors. Helps circulation. Good for hypertension, insomnia and has wonderful properties for skincare.



Fresh, fruity scent.

Plant Origin: USA, South Africa, Italy, China

Extraction Method: Cold pressed from the rind.

<u>Massage Use</u>: Uplifting scent is very calming to many people. The obvious citrus aroma is very pleasing. It helps to induce relaxation and relieves depression symptoms. Also eases stressed muscles in the back and is great for the skin.

<u>Cautions</u>: Possible skin sensitivity. If pregnant or under a doctor's care, consult your physician. Dilution recommended for both topical and internal use. Dilute before using on sensitive areas such as the face, neck area, etc. Keep out of reach of children. Avoid using on

infants and very small children. Avoid using on skin exposed to direct sunlight or UV rays.

*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent disease.



Peppermint (Mentha Piperita)⁴⁵

Known for its ability to soothe digestion and discomfort. Has great supportive effect on liver and respiratory systems. Wonderful for use in headaches (but be VERY careful not to get close to eyes). Scientists have researched its role in improving taste and smell. Improves mental concentration and memory. Also has been noted to help with appetite control by affecting the brain's satiety center which helps to trick you into thinking you're full after a smaller meal.

Very fresh, clean and strong minty aroma.

Plant Origin: North America, Mediterranean, Great Britain

Extraction Method: Steam distilled from leaves and stems.

<u>Massage Use:</u> Great for use in helping to ease rheumatism and arthritis symptoms. Bring a "cooling" sensation to tired, achy

muscles and helps the person feel refreshed after the massage. Helps calm nerve pain like sciatica and brings relief to headache sufferers.

<u>Cautions</u>: KEEP AWAY FROM EYES!! Possible skin sensitivity. If pregnant or under a doctor's care, consult your physician. Dilution recommended for both topical and internal use. Do not apply neat to a fresh wound or burn. Dilute before using on sensitive areas such as the face, neck area, etc. Keep out of reach of children. Avoid using on infants and very small children.

*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent disease.





Sandalwood (Santalum Album)⁴⁶

Known for use as incense in religious ceremonies and meditation sessions. Excellent for nourishing the skin. The Ayuvedic medicine tradition has used Sandalwood for centuries for nourishing and supporting the skin. Is anti-tumoral, anti-viral and stimulating to the immune system. Used in cancer and viral infections. Helps to promote deep, restful sleep.



Sweet, warm woody scent.

Plant Origin: India

Extraction Method: Steam distilled from the wood.

<u>Massage Use:</u> Wonderful moisturizer for the skin. Many people find this fragrance extremely appealing during massage as it is very calming. Wonderful to help decongest the lymphatic system, so would be great to use in lymphatic drainage massage.

Cautions: Possible skin sensitivity. If pregnant or under a doctor's care, consult your physician. Dilution not required; suitable for all but the most sensitive skin. Generally safe for children over 2 years of age.



*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent disease.

Chapter 11 – Blended Essential Oils to Use for Massage Therapy

The five (5) essential oil blends listed on the following pages contain proprietary formulas by <u>Young Living</u> that have been created by combining particular single oils into blends. They each have a particular function and in many cases, when single oils are blended together, the "blend" is significantly more powerful and therapeutic than just the single oil by itself. There are many "blends" available; however, I only have picked 5 for this Introductory Class. In the "Part II: Practical Use" class, there are many more blends listed.

Don't be afraid to experiment and make your own unique blend, depending on what your clients' needs are. Part of the fun of massage therapy is that you can change strokes, pressure and depth depending on what is needed. Aromatherapy works the same way in that you can make a blend of oils that is uniquely yours or a unique blend for that special client.



http://www.TexasMassageCEU.com

Joy^{47™}

This is an intoxicating blend of oils. Can be worn as a perfume. Combines oils like Rose, Jasmine, Ylang Ylang and others to produce a truly luxurious oil. Helps people overcome deep grief and depression. This oil is wonderful to use at the end of a massage therapy session; it smells heavenly and is very uplifting to the client.

Formula Contains:

Rose – Highest energetic frequency of essential oils. Brings harmony and balance and love to the heart.

Bergamot – Helps to balance hormones, great for relieving anxiety and calms emotions and nerves.

Mandarin – Comes from Madagascar and is cold pressed from the rind. Has a high level of limonene which has been studied for halting tumor growth. Wonderful for digestive trouble; anxiety and insomnia. Useful in skin conditions like scaring and acne. Promotes happiness by alleviating stress and tension.

Ylang Ylang – Helps to increase relaxation; wonderful scent that appeals to most people. Very balancing for female and male energies.

Lemon – Provides a deep sense of wellbeing; boosts immune system function and helps to reduce depression.

Geranium – Helps relieve negative emotions and brings stability to one's life.

Joy[™] (continued)

Jasmine – Exquisite fragrance that revives feelings of love and joy. Wonderful aid to help combat depression and sadness.



Palmarosa – Comes from India and is steam distilled from leaves. Helps to stimulate new skin cell growth. The fragrance helps to reduce stress and tension and can be both stimulating and relaxing while helping the nervous system.

Roman Chamomile – Helps to relieve tension and is a wonderful aid in insomnia. Helps to remove toxins from liver where anger can be stored.

Rosewood – Comes from Brazil and is steam distilled from the wood of the tree. It is wonderful for balancing and soothing without being a sedative; regenerates cells; useful for headache, depression, chronic fatigue and anxiety and tension.

Cautions: For aromatic and topical use only. Possible skin sensitivity. If pregnant or under a doctor's care, consult your physician. Dilution not required; suitable for all but the most sensitive skin. Generally safe for children over 2 years of age. Skin can become sensitive to sun exposure.



* This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

Pan-Away⁴⁸®

This formula was created by Gary Young, ND the founder of Young Living after a severe injury to the ligaments in his leg. It is very soothing to the skin, while at the same time providing ease from pain and discomfort. Helps to reduce inflammation, increase circulation which helps to accelerate and promote healing. This is my personal #1 recommended essential oil to use for pain management; really helps people that have muscle aches and pains and also eases arthritis and rheumatoid conditions.

Formula Contains:

Helichrysum – Great for circulation and helping to regenerate tissue and relieve pain.

Wintergreen – Possesses wonderful anti-inflammatory properties and helps to relieve spasms in muscles. Great analgesic.

Clove – Used for centuries because of its anesthetic properties with regard to tooth pain. Therefore, very helpful for easing muscle, joint and tissue discomfort.

Peppermint – Powerful pain-blocking formula; Brings a cooling sensation to muscles that results in it being a great anti-inflammatory oil.

<u>Cautions</u>: For aromatic and topical use only. Possible skin sensitivity. If pregnant or under a doctor's care, consult your physician. Dilution recommended for both topical and internal use. Dilute before using on sensitive areas such as the face, neck area, etc. Keep out of reach of children. Avoid using on infants and very small children.

* This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.



Thieves⁴⁹®

This formula was created based on the research done about thieves in the 15th century who rubbed oils on themselves to keep from contracting the plague while they robbed people that had died from the disease. Studies performed at Weber State University about this formula found it has powerful healing properties and is antibacterial against organisms. Helps support a healthy immune system, very useful during times of stress and during the winter to combat flu and cold season. This formula is so popular and effective that an entire product line has been centered around it; i.e., mouthwash, toothpaste, soaps, cleaners, throat lozenges, etc.

Clove – Used for centuries because of its anesthetic properties with regard to tooth pain. Therefore, very helpful for easing muscle, joint and tissue discomfort.

Lemon – Provides a deep sense of wellbeing; boosts immune system function and helps to reduce depression.

Cinnamon Bark - Comes from Madagascar and is steam

distilled from the bark. Very powerful antiseptic and also anti-inflammatory, anti-viral and anti-bacterial. Great for digestive upsets and aids the cardiovascular system.

Eucalpytus – Anti-infectious, anti-bacterial and anti-viral this formula helps ease infections and has anti-inflammatory properties.

Rosemary – High in cineol which is a key ingredient in antiseptic drugs which makes this oil a powerful antiseptic. Also possesses anti-microbial properties.

<u>*Cautions:*</u> Possible skin sensitivity. If pregnant or under a doctor's care, consult your physician. Always dilute before applying to the skin or taking internally. Keep out of reach of children.

*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

Valor⁵⁰®

This empowering formula does just what it says...helps to create a feeling of courage and strength. A wonderful formula that enhances an individual's self-esteem and confidence. Also known as 'a chiropractor in a bottle' as it has been found to assist with energetic alignment in the body. Comes in both the bottle and a convenient roll-on formula.

Spruce – A wonderful anti-inflammatory oil, helps to alleviate discomfort.

Rosewood – Comes from Brazil and is steam distilled from the wood of the tree. It is wonderful for balancing and soothing without being a sedative; regenerates cells; useful for headache, depression, chronic fatigue, anxiety and tension.

Frankincense -- In the Middle East, this oil is considered a holy-anointing oil and has been used for thousands of years. Since it stimulates the limbic part of the brain, very useful in helping to elevate the mind and aids in overcoming stress and feelings of despair.

Blue Tansy – Comes from Morocco and is steam distilled from the flowering plant. Possesses anti-inflammatory properties and is a wonderful relaxant. Helps to alleviate anger & instill positive emotions.

<u>Cautions</u>: For aromatic and topical use only. Keep out of reach of children. If pregnant, nursing, taking medication, or have a medical condition, consult a healthcare practitioner prior to use. Possible skin sensitivity. Dilution not required; suitable for all but the most sensitive skin. Generally safe for children over 2 years of age.

* This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.





White Angelica⁵¹™

This formula helps instill feelings of protection. I highly recommend it for use with all massage therapists to help protect your energetic field from that of your client. This enhances body strength and aura and when used on shoulders, offers defense against negative energy and emotions from others. Very calming and soothing blend.

Ylang Ylang – Helps to increase relaxation; wonderful scent that appeals to most people. Very balancing for female and male energies.

Rose– Highest energetic frequency of essential oils. Brings harmony and balance and love to the heart.

Melissa – Calming and balancing to the emotions and helps to bring out gentleness in us. Affects the limbic part of the brain and great for helping ease nervous disorders.



Sandalwood – Helps enhance deep sleep and aids in the removal of negative energies and emotions. High in sesquiterpenes that stimulate the part of the brain that has to do with emotions.

Geranium – Helps relieve negative emotion and memories.

Spruce – A wonderful anti-inflammatory oil, helps to alleviate discomfort.

Myrrh – Referenced throughout the bible. Assists the brain center that controls emotions.

White Angelica[™] (continued)

Hyssop – Comes from France or Hungary and is steam distilled from stems and leaves. Used for centuries as a great anti-septic. Great anti-inflammatory oil also helps to assist the circulatory system.

Bergamot – Helps to balance hormones, great for relieving anxiety and calms emotions and nerves.

Rosewood – Comes from Brazil and is steam distilled from the wood of the tree. It is wonderful for balancing and soothing without being a sedative; regenerates cells; useful for headache, depression, chronic fatigue, anxiety and tension.

Cautions: For aromatic and topical use only. Possible skin sensitivity. If pregnant or under a doctor's care, consult your physician. Dilution not required; suitable for all but the most sensitive skin. Generally safe for children over 2 years of age. Avoid using on skin exposed to direct sunlight or UV rays.

* This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.



Chapter 12 – The Top 10

I have created this chapter to give you my personal thoughts and opinions about my *"Favorite Top 10"* oils which were listed in the prior 2 chapters. These are "must-haves" for any massage therapist who truly wants to incorporate essential oils and their therapeutic use into their massage therapy practice.

Single Oil Recommendations

Eucalyptus – As mentioned previously, this fresh-smelling oil is great for the respiratory system. When people are laying prone on your massage table, place 1 drop of this oil onto the cloth that goes over the face rest. The aroma from the oil, will help to keep their sinus passages open while laying face down. In the wintertime, for clients that come in that are dealing with a cough, cold or perhaps a respiratory infection, rubbing a drop or two of this oil on their upper chest and neck area will help alleviate their respiratory congestion and help their breathing improve.

Lavender – The #1 top therapeutic essential oil that all massage therapists must have. It is the basis for almost all aromatherapy products on the market today and even though most of those products are synthetically made, this scent is very familiar to most people and they enjoy the fragrance. Great for relaxation.

Orange – The citrus smell from pure orange essential oil is pure heaven. Most people who prefer a more-citrusy smell, rather than a "floral" smell, will enjoy the fresh scent of pure orange oil. This is a powerful oil to use to stimulate the immune system, so it would be great to use in cases where your clients are feeling run-down and not at their best. It helps to alleviate depression and brings about a sense of relaxation, therefore perfect to use during a massage.

Peppermint – For those clients that suffer with chronic headaches, Peppermint is the oil to have on hand. It brings a "cooling" sensation when applied so one drop on the back of the neck, crown of the head or by the temples (keep away from eyes!), can really help to ease a pesky headache. Also, because of that cooling sensation, it is wonderful to use on tired, sore and achy muscles. It is quite refreshing and should be used toward the end of the massage as it can be "stimulating" for some people. **Sandalwood** – The warm and woodsy smell of Sandalwood is a favorite scent for many people. Commonly used as incense in religious ceremonies, it is a familiar odor. It invokes a sense of calm and peacefulness, so for people who don't prefer Lavender, they usually enjoy this smell and find it quite calming. Also, when mixed with a plant carrier oil (like Sweet Almond Oil or Avocado), it is very nourishing for the skin.

Blended Oil Recommendations

Joy – This blend of oils is my absolute favorite. I wear it as perfume often as its scent is really intoxicating and invokes a feeling of pure "Joy" and happiness. For any client that might be suffering from depression, anxiety or grief, this is the oil to use for them. Even just smelling it from the bottle can help them feel better. When 1 drop is used over the chest area, the aroma will surely uplift their spirits. This is what I refer to as my "heart-centered" oil and I use it from a Naturopathic perspective when people have a "heavy-heart," circulation problems or a heart condition. I believe the benefits from this particular blend of essential oils is very healing for the heart, both from a physiological and psychological perspective.

Pan Away – This oil is my favorite for relieving pain and discomfort in clients. My personal experience with this oil is that I used it during my massage therapy training many, many years ago when I developed arthritis-symptoms and strained tendons in my right hand from doing so many massages and deep trigger therapy work. I believe this oil helped to dissolve the arthritis that was forming in my wrist and after several months of continued use, my symptoms disappeared. I've used it since on clients that have had joint issues and have had great results with it. It is anti-inflammatory in nature, so it helps to calm down pain and soreness.

Thieves – In my opinion, this oil is the #1 oil to have on hand to support the immune system. Not only is this oil powerful for helping *you* stay strong and healthy, but when a drop or two is rubbed on your client's feet, it will boost their immune system, particularly during the winter months, cold/flu season and allergy time. I also constantly diffuse this oil in my home and office during the times when bacteria and viruses are prevalent in the air. Having the powerful blend of essential oils dispersed throughout the room, not only helps to keep the air fresh and clean smelling, but also helps kill bacteria and viruses in the air.

Valor – I love the smell of this oil. It is especially good for alignment in the body; both physical alignment of the spine and "energetic" alignment of one's spirit. When I'm working on someone's back, this generally is the last oil I will put along their spine. My personal belief is that after I've worked extensively on their back, that "closing" with this oil helps to "seal in" whatever other essential oils I've used already.

White Angelica – Before I work on any massage client, I will put 2 drops of White Angelica in my palm and rub my palms together. I cup my hands over my face and inhale deeply 3 times. Then I start at the top of my head and basically trace an outline down my head, across each of my shoulders and down my body. This forms an "invisible shield" of protection. The special mixture of oils in this blend makes it very powerful. Since many people today are suffering not only emotionally, spiritually and physically, I believe it is very important to protect ourselves from any negative influence. During a 1 hour massage therapy appointment, you the therapist are very intimately involved with your client's energy field. This oil will help to protect you from any of their negative influences while helping you to be uplifted and calm.

Chapter 13 -- How to Be a Better Massage Therapist

It is important you build a relationship and develop a bond with your clients. This will assuredly set you apart from other massage therapists. As I'm sure you realize this is a very popular business. More and more people are turning to massage therapy for their stress relief. As we become busier in our day-to-day lives, with constant pressure and stress at work and at home, more people will continue to seek you out.

This places you in a very unique situation. If you are just like every other massage therapist in town, you won't have anything different to offer them. **You absolutely must stand apart from the crowd.** Offering therapeutic essential oils during your massage therapy session is one way to do that. Listening to your clients and asking them questions, is another way.

Normally, with a new client, they are ushered into the massage therapy room with the therapist. There, the therapist might spend 1-2 minutes quickly assessing their needs. "Where don't you feel comfortable getting touched?" and "Do you have any special needs or areas that need extra attention?" are the two most common and sometimes **only** questions asked.

I believe this is a mistake. I know time is of the essence and hopefully, you've got another massage scheduled right after this client. But if you don't take extra time to really get to know them, you're missing out on a valuable opportunity to make a connection with them and build (hopefully!) a long-term relationship. During the massage is not the time to try to find out how they are and if they have any physical complaints. *They are there to relax and you should not be talking unless they address you.*

Because I'm also a Naturopath, I'm used to talking to people for about an hour during a consultation. But I do take extra time with my massage therapy clients too. I'm not talking about a lot of extra time. *Really only a few extra minutes*. Just enough to ask them if they have any physical or psychological issues going on that might be causing them extra stress. Are they being treated for anything special? Are they experiencing extra pain? Do they suffer from headaches or insomnia? General questions like these can not only give you insight into the appropriate treatment for them, but can make them feel like you care about them as a person and you want to provide the best possible care for them. It also will help you determine which essential oils might be better suited for their therapy session. If they say they have "some challenges," a great response is, "Tell me more." This will allow them to elaborate (if they choose) and not give you just simple "yes" or "no" answers. It's a great way to discover what's going on with a client. If they reveal they have a physical illness, ask them if they have tried some other natural healing methods like acupuncture, homeopathy, herbs, etc. This will give you a clue as to the level of their open-mindedness and is a great time for you to introduce the therapeutic essential oils you use.

If you sense hesitation or distance from them, that's OK. Perhaps they are not used to so much attention! Just gently explain to them you care and want to help them as best you can as their therapist. You have 1 hour with them and you want to be able to give them the best massage they've ever had! Quite a statement I know, but they will appreciate your caring attitude, the extra time you spend with them and will be more likely to refer your services to others.

After the massage, again take a few minutes. Assess how they are doing. Look at their body language...do they look relaxed? Ask if the areas of tension they had before the massage, have eased and if they are feeling better. Be sure to bring up any special issues they had mentioned; i.e., if they had a headache before the massage, ask how it is now. If you used any essential oils during the massage, ask them for feedback. Did they enjoy the smell? Did it make them feel any different? Again, if there was a headache or particular pain they had that you used an essential oil on, how is it now? Have them rate their pain level on a scale of 1-10; what was the rate before the massage? What about after? This helps them get in touch with their physical bodies and honestly, most people really have so much discomfort they really can't tell if there is a change, so it is up to you as their therapist to mention if you can see a difference in how they look, stand, walk, etc. Oftentimes when

you point it out, they realize that it's true and this is a wonderful moment for them. Be sure to tell them you'd like to have another opportunity to work on them and fine tune your routine with them. Mentioning you would love the chance to have another therapy session with them, will lay the groundwork for a continued relationship. If you sense they have had a positive experience, it's a great time to schedule their next appointment or mention that you appreciate referrals. You just became their favorite therapist and you surely will get this client back in your office!

Finally, following up with them with a phone call or hand-written note is a wonderful way (again) to let them know you care. It keeps you on their mind, gives you the opportunity to tell them of any specials you have coming up or anything new about your therapy practice you want to share with them. Again be sure to ask if they have friends or family that could benefit from your services. This is relationship building and bonding at its finest.

Have you heard the popular phrase, "the fortune is in the followup?" I believe this to be true and again developing a relationship and caring attitude with your clients will ensure your place in their life. They will come to you when they are stressed and turn to you for advice if they have a healing challenge and need a referral.



In summary, I hope you now have an appreciation for incorporating the use of therapeutic essential oils in your massage therapy practice and the merits it has for both you and your clients. We all are involved in the natural healing field to help other people and to promote health in a natural environment. Educating people about the benefits of massage therapy and essential oils can enhance their wellbeing and enlighten them as to integrative and natural healing methodologies available to them.

THANK YOU for taking this e-book class. I hope you found this e-book class to be informative and helpful.

APPENDICES



Instructions for Obtaining Your Certificate of Completion

When you are ready to take the assessment for this class, please click the link on your Dashboard page.

You will need to log into the <u>Texas Massage CEU</u> website to take the assessment.

Remember that it is YOUR responsibility to turn your Certificate of Completion into the state, along with your renewal paperwork and form. If you have any questions about this process, please visit the <u>TDLR's website</u>.

Additional Notes

If you enjoyed this class, I would encourage you to please tell your massage therapist friends! If this introductory class has heightened your interest in essential oils and their use in massage therapy and you would like to advance your education about these oils, I invite you to consider taking the advanced 12 Hour *Practical Uses for Essential Oils in Massage Therapy*.

Stay Healthy and Well! Melissa M. Wood, ND, MTI, LMT

Sources and References

³ National Association for Holistic Aromatherapy in USA. <u>http://www.naha.org/explore-aromatherapy/about-aromatherapy/what-is-aromatherapy</u>

⁴ Misty Rae Cech, ND. Essential Oil Chemistry: Why Fine Aromas Make a Difference. NaturalHealthWeb.com. http://www.naturalhealthweb.com/articles/MistyRaeCech5.html

⁵ <u>http://www.biospiritual-energy-healing.com/vibrational-frequency.html</u>

⁶ Essential Oils Desk Reference, Fifth Edition. Life Science Publishing, Page 441.

⁷ AromaWeb.com. Web. 24 September 2013. <u>http://www.aromaweb.com/articles/whatare.asp</u>

⁸ Apter, Joan L.M.T. Why Essential Oils Are Essential. <u>http://www.apteraromatherapy.com/articles4.html</u>

⁹ http://en.wikipedia.org/wiki/Aromatherapy

¹⁰ Essential Oils Desk Reference, Fifth Edition. Life Science Publishing, pages 19-20.

¹¹ Essential Oils Desk Reference, Fifth Edition. Life Science Publishing, page 18.

¹² National Center for Complementary and Alternative Medicine (NCCAM). <u>http://nccam.nih.gov/health/ayurveda/introduction.htm</u>

¹³ Essential Oils Desk Reference, Fifth Edition. Life Science Publishing, Page 20.

¹⁴ Other Home Treatment Measures for a First-Degree Burn or Sunburn - Topic Overview. WebMD.com. <u>http://www.webmd.com/skin-problems-and-treatments/tc/other-home-treatment-measures-for-a-first-degree-burn-or-sunburn-topic</u>

¹⁵ Daniele Ryman, Honorary Member of the International Federation of Aromatherapists (IFA). <u>http://www.danieleryman.com/marguerite-maury-aromatherapy.html</u>

¹⁶ Seibert, Andrew. Massage therapy styles and health benefits. WebMD.com. <u>http://www.webmd.com/balance/massage-therapy-styles-and-health-benefits</u>

¹⁷ Essential Oils Desk Reference, Fifth Edition. Life Science Publishing, page 200.

¹⁸ Essential Oils Desk Reference, Fifth Edition. Life Science Publishing, page 49.

¹⁹ Essential Oils Desk Reference. Fifth Edition. Life Science Publishing. Page 1.32

¹ <u>http://medical-dictionary.thefreedictionary.com/aromatherapy</u>

² Essential Oils Desk Reference, Fifth Edition. Life Science Publishing. Page 1.3

²⁰ US National Library of Medicine National Institutes of Health. GC/MS evaluation of thyme (Thymus vulgaris L.) oil composition and variations during the vegetative cycle. <u>http://www.ncbi.nlm.nih.gov/pubmed/12093498</u>

²¹ Abdelouaheb Djilani and Amadou Dicko (2012). The Therapeutic Benefits of Essential Oils, Nutrition, WellBeing and Health, Dr. Jaouad Bouayed (Ed.), ISBN: 978-953-51-0125-3, InTech. <u>http://www.intechopen.com/books/nutrition-well-being-and-health/the-therapeutic-benefits-of-essential-oils</u>

²² Julia Lawless (1995). The Illustrated Encyclopedia Of Essential Oils. Element Books.

²³ Peter Holmes. Clinical Aromatherapy: Using Essential Oils for Healing Body and Soul. Inc. Tiger Lilly Press.

²⁴ American Massage Therapy Association. Starting a Career In Massage Therapy: What You Need to Know. <u>http://www.amtamassage.org/professional_development/starting.html</u>

²⁵ The Library of Congress. Olfaction: The Sense of Smell. <u>http://www.loc.gov/rr/scitech/tracer-bullets/smelltb.html</u>

²⁶ <u>http://en.wikipedia.org/wiki/Limbic_system</u>

²⁷ <u>http://articles.chicagotribune.com/1993-04-28/entertainment/9304280317 1 smells-fragrance-inhaled</u>

²⁸ Stewart, David Ph.D., R.A. The Blood-Brain Barrier. <u>http://www.rnoel.50megs.com/pdf/theblood.htm</u>

²⁹ Essential Oils Desk Reference, Fifth Edition. Life Science Publishing, Page 49.

³⁰ Association French Normalization Organization Regulation official website. <u>http://www.afnor.org/en</u>

³¹ International Standards Organization official website.. <u>http://www.iso.org/iso/home.html</u>

³² https://blog.youngliving.com/the-true-legendary-omani-frankincense-boswellia-sacra/#.UkRy0hZYu5d

³³ Steven D. Ehrlich, NMD, Solutions Acupuncture. University of Maryland Medical Center. http://umm.edu/health/medical/altmed/herb/lavender

³⁴ <u>http://www.ncbi.nlm.nih.gov/pubmed/15884852</u>

³⁵ Essential Oils Desk Reference, Fifth Edition. Life Science Publishing, Page 54.

³⁶ New Mexico Tech University. Steam Distillation of an Essential Oil. <u>http://infohost.nmt.edu/~jaltig/SteamDistill.pdf</u>

³⁷ Howard S. Berliner and J. Warren Salmon. The Holistic Alternative to Scientific Medicine: History and Analysis International Journal of Health Services, Volume 10, Number 1/1980, pages 133-147. http://baywood.metapress.com/app/home/contribution.asp?referrer=parent&backto=issue,7,8;journal,135,171;li nkingpublicationresults,1:300313,1

³⁸ Hiroko Kuriyama, Satoko Watanabe, Takaaki Nakaya, Ichiro Shigemori, Masakazu Kita, Noriko Yoshida, Daiki Masaki, Toshiaki Tadai, Kotaro Ozasa, Kenji Fukui and Jiro Imanishi. Immunological and Pshychological Benefits of Aromatherapy Massage (2007). US National Library of Medicine National Institutes of Health <u>http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1142199/</u>

³⁹ Tiffany Thompson, Renee Pinkerton. Carrier Oils. <u>http://www.essentialoilsandwounds.com/articles_more.php?id=25_0_3_0_M</u>

⁴⁰ Linda Fehrs, LMT. Institute for Integrative HealthCare. Massage Stroke Review Part 1: Effleurage. <u>http://www.integrativehealthcare.org/mt/archives/2010/05/massage_stroke.html</u>

⁴¹ Front Range Scents Abilities. <u>http://frontrangescentsabilities.blogspot.fr/2012/02/benefits-of-diffusing-essential-oils.html</u>

⁴² WebMD. <u>http://www.webmd.com/vitamins-supplements/ingredientmono-700-</u> EUCALYPTUS.aspx?activeIngredientId=700&activeIngredientName=EUCALYPTUS

⁴³ WebMD.

http://www.webmd.com/vitamins-supplements/ingredientmono-838-LAVENDER.aspx?activeIngredientId=838&activeIngredientName=LAVENDER

⁴⁴ WebMD. <u>http://www.pfaf.org/user/Plant.aspx?LatinName=Citrus+sinensis</u>

⁴⁵ Ratini, Melinda. Peppermint Oil. WebMD. <u>http://www.webmd.com/a-to-z-guides/peppermint-oil-uses-benefits-</u> <u>effects</u>

⁴⁶ White Sandalwood. WebMD. <u>http://www.webmd.com/vitamins-supplements/ingredientmono-116-</u> WHITE%20SANDALWOOD.aspx?activeIngredientId=116&activeIngredientName=WHITE%20SANDALWOOD

⁴⁷ Young Living Essential Oils. <u>http://www.youngliving.com/en_US/products/essential-oils/blends/joy-essential-oil</u>

⁴⁸ Young Living Essential Oils. <u>http://www.youngliving.com/en_US/products/wellness/mobility/panaway-essential-oil</u>

⁴⁹ Young Living Essential Oils. <u>http://www.youngliving.com/en_US/products/essential-oils/blends/thieves-</u> essential-oil

⁵⁰ Young Living Essential Oils. <u>http://www.youngliving.com/en_US/products/essential-oils/blends/valor-essential-oil</u>

⁵¹ Young Living Essential Oils. <u>http://www.youngliving.com/en_US/products/essential-oils/blends/white-angelica-</u> essential-oil