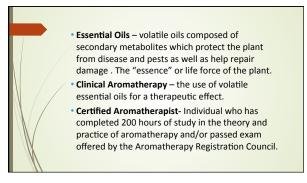
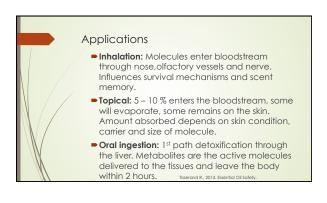


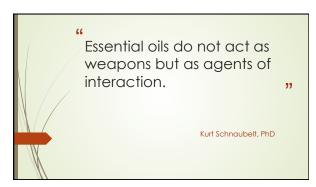
# Objectives 1. Participants will be able to describe safe dilutions of essential oils when used in pregnancy, lactation and the newborn infant. 2. Participants will be able to list 3 essential oils which are contraindicated for use with infants under one year of age. 3. Participants will be able to select appropriate essential oils for the treatment of select vaginal infections.



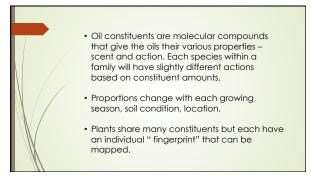






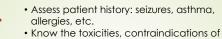












- oils you use.
  i.e. skin irritants, phototoxicity, drug interactions
- Always dilute for age, skin condition and therapeutic application.
- Avoid recommending ingestion unless you have extensive training in this area.
- Avoid prolonged use of any oil.
- Store properly and out of reach of children.





Relief of tension and stress.

Muscle relaxation when combined with massage.

May decrease nausea.

Assist with sleep onset.

Aids in breathing practice for labor.

#### Pregnancy Related Conditions - Abdominal discomfort: Ginger, Mints, Citrus - Heartburn: Sandalwood, German chamomile, Petitgrain - Hemorrhoids: Cypress, Sandalwood, Peppermint - Morning sickness: Peppermint, Sweet orange, Ginger - Stretch marks: Lavender, Frankincense, Rose, Roman chamomile - Varicose veins: Cypress, Sandalwood, - Water retention: Petitgrain, geranium, Grapefruit





- Hydrosols are a very safe form of essential oils.
- Peppermint may lower blood pressure.
- Rosemary may raise blood pressure.

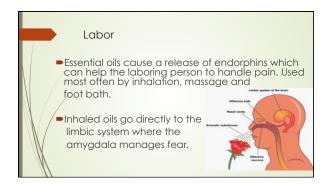
#### General Guidelines in Pregnancy

- EOs do cross placental barrier dilution to 1% and applied dermally may be safe in pregnancy. Total dose matters!
- · No more than 4 drops of EO in a bath.
- · Hyperosmia in pregnancy.
- Skin sensitivity may increase during pregnancy.
- Avoid use during 1st trimester.
- Oral ingestion should be avoided during pregnancy.

National Association of Holistic Aromathrapists







Lavender is most often studied oil during labor.

2007- Burns et al - a combination of lavender, frankincense and rose helped to relieve anxiety in labor. Applied as back or foot massage.

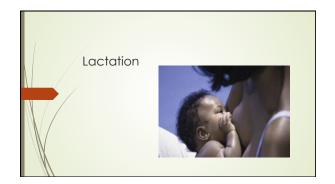
Earlier study by Burns involved >8,000 women using a variety of oils.

over 50% participants felt they were helpful to them there was a decreased need for additional pain relief

appeared to enhance contractions in dysfunctional labor.

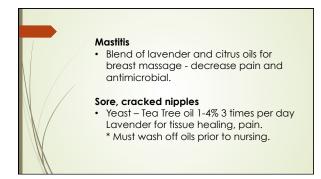
#### Cautions during labor Do not place oils in water for water birth as can irritate baby's eyes. Oils will damage plastic parts of equipment. Avoid same oils as with pregnancy.

### Post Partum Episiotomy site – Lavender promotes healing and decreases pain. Studies show mixed results. Sitz bath, oil blend, spray. Urinary retention – a couple of drops of peppermint in toilet relaxes sphincter. Caution with low blood pressure. Edema – massage with cypress, geranium, petitgrain 1-5%.



Less than 1% of maternal dose of essential oil enters the breast milk.

 Housner H. et al 2008
 There is no evidence that EOs increase milk production but inhalation of oils may help letdown. Ex: Fennel better as tea.
 Oils should be washed off prior to nursing.
 Some concern for nipple aversion by infant.













No studies exist for use of EOs in Gm +
Beta Strep prophylaxis prior to
childbirth.

• We know that Tea Tree oil is effective
against many gram + organisms.

• No safety data on vaginal
application of TTO during pregnancy.

• Tisserand: Appears that adverse
reactions are rare with 1-5% dilution.
Again, not known in pregnancy.

Bacterial or candida vaginosis suppositories

1 cup cocoa butter

1/2 cup coconut oil

3 Tbs calendula oil

1/2 tsp thyme essential oil

1/2 tsp lavender essential oil

1/2 tsp tea tree essential oil

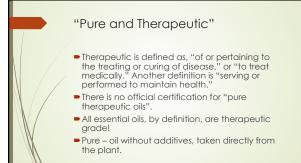
4 Tbs comfrey root powder finely ground

2 Tbs goldenseal root powder

Aviva Romm, MD states this formula is safe in pregnancy.

http://avivaromm.com/vaginal-infection-remedy/





## What to look for in a supplier Dedicated to supplying oils to aromatherapy practitioners. Smaller company vs. large corporation. Owned by an aromatherapy practitioner or EO specialist. Has relationships with distillers. Readily supply a batch-specific MS/GC report on each oil. In the field for several years with strong, noncontroversial reputation.



