Beyond the Bottle: Bottle: Botanicals as Partners in Life

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Overview

- Botanicals in clinical practice
- Lifestyle preparations
 - 10 mini case studies
 - 10 unique herbal preparations
 - Specific recipes
- Additional resources

Why beyond the bottle?

- Easier integration into life
- Creates sustainable practices
- Culturally relevant
- True family medicine
- Empowerment and self-care



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What are herbal powders?

- Dried
- Ground (powder mill)
- Sifted
- Similar to capsules
- Some dried extracts



Advantages of herbal powders

- Accessible
 - Affordable
 - Stable
 - No glassware, cooking needed
 - Easy to take
 - Alcohol free
- Used by many traditions
- Blendable
- Tactile and taste sensations



Preparation	Unit price	Per gram	Per month 5g/day
Powder	\$14 / lb	?	?
Capsules	\$10 / bottle (.525g / cap)		
Tincture	\$9.25 / oz 1:2 fresh root		

Preparation	Unit price	Per gram	Per month 5g/ day
Powder	\$14 / lb	\$0.03	\$4.50
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	fresh root		

Preparation	Unit price	Per gram	Per month 5g/ day
Powder	\$14 / lb	\$0.03	\$4.50
Capsules	\$10 / bottle (.525g / cap)	\$0.19	\$28.50
Tincture	\$9.25 / oz 1:2 fresh root	?	;

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Powder	\$14 / lb	\$0.03	\$4.50
Capsules	\$10 / bottle (.525g / cap)	\$0.19	\$28.50
Tincture	\$9.25 / oz 1:2 fresh root	\$0.61	\$91.50

Disadvantages of herbal powder

- Shelf stability
- Limited materia medica
 - No leaves, flowers, delicate aromas
- Taste
- Bioavailability
- Powdering machines



Some favorite powders:

Tonics		
Ganoderma	Ganoderma lucidum	fruiting body
Ashwaganda	Withania somnifera	root
Hawthorne	Crataegus spp.	fruit
The cheapies		
Cinnamon	Cinnamomum cassia	bark
Ginger	Zingiber officinale	rhizome
Turmeric	Curcuma longa	rhizome





Blood Building Cordial

- 50g Rehmannia glutinosa
- 50g Rumex crispus
- 30g Angelia sinensis
- 20g Cinnamon spp.
- 100g cup chopped prunes
- 100g cup chopped raisins
- Combine all in a jar and add in 1 liter of brandy. Let sit for 2 weeks. Strain and add 250ml molasses and 250ml black cherry concentrate.
- Drink a cordial glass full (approx. 80ml) each evening.





Tinctures as Cordials

- Preserve summer flavors
 - Fruits plum, peach, cherry, berries
 - Herbs ginger, rosemary, thyme, mint
 - Spices black pepper, cayenne, coriander
- Delicious and nutritious
- Medicinal tonics
- Can be very low alcohol
- Can be too high in sugar
- Recreational

Clinical Case: Gout

- 61 yo woman newly diagnosed with gout
- Significant dietary changes already implemented
- Enjoyed a few glasses of wine as she relaxed in the evening
- Looking for an alcohol free alternative which is refreshing and medicinal



Cherry Sparkle Shrub

- Frozen black cherries (or fresh), nettle leaves and burdock root (fresh or dried)
- Added to apple cider vinegar and let sit for 2-4 weeks
- Gently warm with honey, cool and bottle
- Use 1 tbsp in sparkling water each day, with fresh mint (opt)





Shrubs

- Acidified tasty beverage
- Often vinegar based
- Early colonial American periods
- Mixed with sparkling water
- No alcohol
- Fresh preservation
- Low in sugars (or higher)
- 1part fruit + 1 part vinegar + herbs for 4 weeks, then strained.
- ½ part sugar or honey, gently warmed until blended.
- Bottled and use added to sparkling or still water.

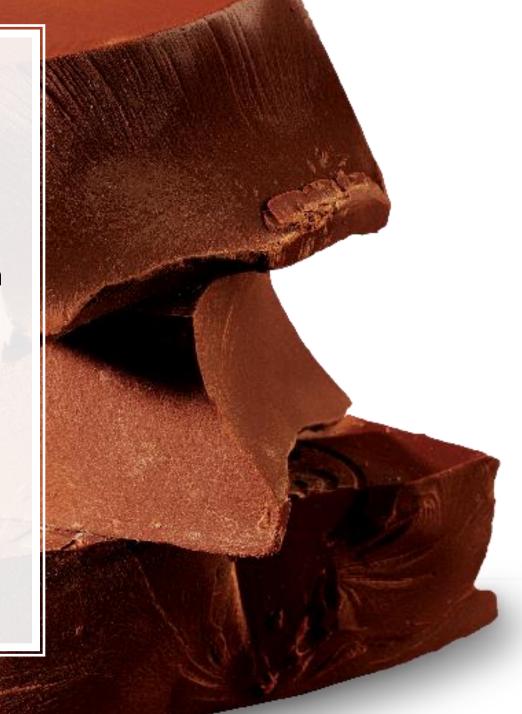
Clinical Case: Diabetes (type II)

- 61 year old male
- Recently diagnosed with diabetes
- Reluctant to make dietary adjustments or take herbs
- Diet low in phytochemicals and high in processed foods and sweets
- Loves his nightly sweets ritual



Synergy Chocolate Fudge

- Gently melt an 200g of high quality dark chocolate, at least 70% along with with 300g of virgin of coconut oil.
- Once melted, add in 35g of turmeric powder and 5g of ground black pepper.
- Pour into a shallow container (I prefer a glass container) and put in the freezer.



Clinical Case: Dysbiosis

- 17yo female
- Gas, bloating, dysbiosis, loose stools.
- Began after several rounds of antibiotics for a skin infection.
- No prior digestive concerns, no change in diet.





Comfy Compote

- Selection of dried fruits (stone fruits: prunes, apricots, raisins, peaches work best)
- Aromatic spice blend (cinnamon, ginger, cardamom, cloves, turmeric)
- Dandelion root (*Taraxacum officinalis*)
- Burdock root (*Arctium lappa*)
- Quality probiotic supplement
- Cook the dried fruits, spices, and dandelion root with water until soft but not mush. Cool and refrigerate or freeze in individual servings. Add a probiotic capsule before eating.
- Add to oatmeal, yogurt, or by itself.



- 38yo female
- History of intermittent UTI's 3-4x year
 - Usually resolved with herbs and cranberry
- Recent diagnosis of calcium kidney stones
- Family history of kidney stones
- Diet, lifestyle and hygiene discussed
- Likes to cook but doesn't like teas or tinctures



Anti-lithic pesto

- Combine in a food processor:
 - Fresh parsley (*Petroselenium crispum*)
 - Fresh dill (*Anthenum graveolens*)
 - Fresh basil (Ocimum spp)
 - Fresh nettles (*Urtica dioica*) if available
 - Lesser amount of cilantro (Coriandrum sativum)
 - Fresh lemon zest and some juice
 - Pistachios, shelled
 - Olive oil
 - Sea salt
- Eat ~one tbsp / 3-4 x week. Freezes well.





Medicinal Pestos

- Fresh herbs
- Wild gathered or store-bought
- Use generously
- Living medicine
- Spread, topping, in soups
- Various herbs:
 - Fresh bee balm (Monarda spp)
 - Fresh skullcap (Scutellaria lateriflora)
 - Fresh holy basil (Ocimum sanctum)
 - Fresh passiflora (*Passiflora incarnata*)
 - Fresh arugula
 - Garlic

Clinical Case: Anxiety and Fatigue

- 34yo male
- Anxiety, stress, fatigue, anorexia, skips meals, insomnia
- Starting up a tech business and working frequent and odd hours
- Forgets to eat. Coffee in the morning and first meal is around 1pm
- Afternoon blood sugar crash and fatigue → caffeination → insomnia
- Wants something easy and healthy he can grab on the go with minimal preparation time



Regenerating Oatmeal

- 1 cup rolled oats
- 1 cup milk (or nut milk)
- 1 cup yogurt
- 1 tbsp chia seed
- 1 tsp *Asparagus racemosa*
- 1 tsp *Lepedium meyenii*
- ½ tsp Glycyrrhiza glabra
- ½ tsp Panax quinquefolius
- ½ tsp Cinnamomum cassia
- 2 tsp cocoa or cacao powder s(opt)
- Maple syrup to taste
- Dried blueberries to taste

 Blend everything together and refrigerate overnight. Make a week's worth (non-dairy milk) or a few days supply (dairy milk). Make a one week supply and place in individual mason jars for a meal on the go. Eat cold or at room temperature. Add fruit as desired.



Nourishing Herb Balls

- Ground nuts (cashews, pistachios, almonds are nice)
- Coconut oil (melted, small amount for binding)
- Honey or maple syrup
- Sea salt
- Nut butters
- Dried fruits or chocolate
- Herb powders (in this case, those similar to the oatmeal can be added)
- Combine a selection of the above to make into a thick dough so you can roll balls. If you are calculating dosage, add in 1 or 2 weeks worth of powders and divide into balls for that many days so have your daily dose.



Clinical Case: Menopausal Transition

- 57yo female
- Classic menopausal symptoms: hot flushes, night sweats, vaginal dryness, dry mouth, insomnia, poor-concentration
- Looking for gentle and consistent support
- Overall in excellent health
- Excellent diet



Balancing Hummus

- Add to a 500g tub of hummus, or make your own:
 - 14g Angelica (Angelica sinensis)
 - 12g Shatavari (*Asparagus racemosus*)
 - 6g American ginseng (*Panax quinquefolius*)
 - 6g Burdock (*Arctium lappa*)
 - 4g Fenugreek (*Trigonella foenum-graecum*)
 - 4g Turmeric (Curcuma longa)
 - Garlic to taste
- Mix together well. Eat ~ 2oz / day, this recipe will make a 2 week supply. Eat on veggies or as a spread.



Anti-Inflammatory Hummus

- 1 8oz tub of hummus
- (or make your own)
- 1 clove of garlic freshly crushed
- 1 tbsp turmeric powder
- 1 tsp ginger powder
- 1 tsp black pepper

• Blend together all ingredients and use as you would any other hummus. Excellent with veggies as a dip.



Immune Health Hummus

- 1 8oz tub of hummus
- (or make your own)
- 3 cloves of garlic freshly crushed
- 1 tbsp turmeric powder
- 1 tsp ginger powder
- 1 tsp lemon peel
- 1 tsp schisandra powder
- 1 tsp *Panax* ginseng powder
- ¼ tsp cayenne (or more)
- Blend together and use as a dip or on bread or veggies.



Clinical Case: Cognitive decline

- 69 year old male
- Considerable cognitive decline noted
- No specific medical diagnosis
- Doesn't like "taking medicine"
- Would like to do something with his husband together if possible



Cognitive Spice Blend

- 1 part rosemary
- 1 part thyme
- 1 part parsley
- 1 part ginkgo
- 1 part gotu kola
- ½ part dried garlic
- ½ part turmeric powder
- ¼ part lemon peel powder
- ¼ part black pepper
- ¼ part quality salt



Spice Blends

- Use in any foods
 - Sweet or savory
- All are anti-oxidant and beneficial
- Many are available packaged
 - Add medicinals to packaged
- Use at breakfast, lunch, dinner as condiments
- Use to flavor "cultural" dishes
- All spices are good spices



Clinical Case: Gets sick often

- 31 yo woman teacher
- Gets sick 5-7 times / winter
- "catches everything"
- Otherwise no health concerns
- Want to prevent getting sick during the winter months



Medicine Miso

- Combine:
- 1-8oz container of miso
- 6 cloves of garlic pressed
- 1 tbsp grated fresh ginger
- 1 tbsp. grated fresh turmeric
- Echinacea powder
- Fresh grated burdock
- Fresh chili to taste (or dried)
- Use as an instant soup or a base for other preparations

Curried Onion Power Soup

- Follow "oven French onion soup" recipe using 16 onions
- Once the soup is complete, add in:
 - 2 bulbs of garlic, chopped or pressed
 - 2 tbsp fresh grated ginger
 - 2 tbsp quality curry powder
 - Fresh chili pepper to taste
 - Fresh lemongrass if available
- Cook for another 30 minutes. Serve as soup or over rice.





Bone Broth Plus

- Make bone broth as usual (2 quarts) Chicken or beef, etc.
- For the final 2 hours of cooking add:
- 1 lb shitake or maitake mushrooms, sliced
- 2 tbsp *Astragalus membranaceous*
- 2 tbsp burdock (*Arctium lappa*)
- 1 tbsp *Schisandra Chinensis*
- 1 tbsp fresh ginger (*Zingiber officialis*)
- 1 tbsp turmeric (*Curcuma longa*)
- Strain out herbs and use as broth for soup or cooking or add rice.
 Freezes well.

Clinical Case: Busy working mother

- Loves plants and herbs
- Tired at the end of the day and wants to play
- Wants to do something fun with her kids
- Has a garden



Summertime Elderberry Basil Martini

- 2 tsp elderberry (*Sambucus nigra*) juice concentrate
- Sprigs of fresh basil (*Ocimum spp*)
- Springs of fresh mint (Mentha spp)
- Fresh limes
- Vodka or Chachaca (optional)
- Sparkling water
- Muddle herbs and lime with the elderberry concentrate.
- Combine the above and serve on ice.



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