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INITIAL CONSULTATION REVIEW AND TREATMENT PLAN WITH COMPREHENSIVE GUIDE

18 May 2023

Dear Rozlyn,

DOB: 09/06/1971

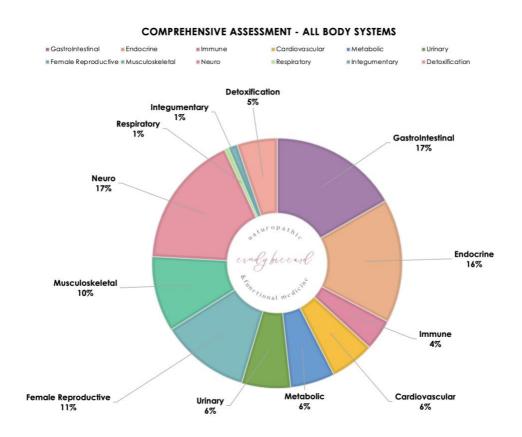
Thank you for choosing Cindy Biccard Naturopathic Medicine to assist you with your health journey. I am delighted to be afforded the opportunity of working along with you in optimising your health, as you are always the driver behind your own health and vitality.

It is the role of a naturopath to guide patients through foundations principles to ensure that you are on board with the health initiatives and to take charge of your own health through education and informed decisions.

- First, do no harm revolves around treatment strategies the aim is to stimulate the body in order for it to regulate itself in returning to good health. This may include herbal medicine, dietary changes, nutritional supplements, and lifestyle interventions.
- Identifying and treating the cause differentiates our holistic approach to health from a conventional approach. Although some symptoms may be alleviated through therapeutic strategies it is the goal to identify the underlying causative factors and establish a treatment plan accordingly for the body to regulate itself.
- **Treat the whole person** encompasses the mechanisms of how our mind, body and spirit interacts in maintaining good health or how it creates disease. By focussing on our entire being an overall increase in vitality may be achieved.
- Understanding the healing power of nature ... by understanding our place in Creation and the synergistic ecological role each one of us play in it, we can embrace nature, it's produce and the healing we may derive from it.
- **Exercise**, **movement**, **and lifestyle** as ways to prevent disease or to down-regulate inflammation and living life as optimally as we possibly can.
- The physician as teacher places a responsibility on a naturopath to educate patients with good health initiatives combined with research and evidence-based science in order for patients to become independent experts on their own health.

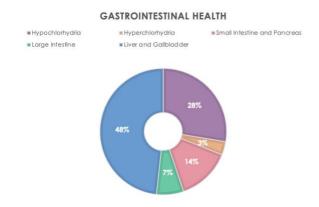
CURRENT HEALTH PROFILE

Following your completed comprehensive assessment to determine your health priorities, the following areas were identified as concerns that need to be addressed:



Priorities:

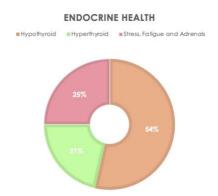
- 1. Gastrointestinal System
- 2. Nervous System
- 3. Endocrine System



Symptoms that you have experienced is indicative of decreased Liver & Gallbladder function as well as experiencing low gastric acid. Low gastric acid in the stomach may reduce your ability to digest proteins optimally and have subsequent malabsorption issues in the small intestine. This may be seen in the symptoms you are experiencing, such as bloating, nausea, and indigestion. All of this contributes to lowered energy and nervous system issues as you are not producing optimal neurotransmitters.

NERVOUS SYSTEM **Neurological **Stress History **Insomnia **Cognition** 20% 36% 27%

Your sympathetic nervous system seem to have been elevated for a considerable amount of time, contributing to the current state of adrenal hypofunction, poor sleep onset and relevant nervous system symptoms. This then subsequently has an influence on your hormone health status and increases inflammation.



<u>Patient's treatment requirements:</u>

- 1. "Menopausal symptoms"
- 2. "Sleeping"
- 3. "Weight"

BMI (Body Mass Index)

23.7

Comments: Within healthy range from BMI perspective.



TREATMENT AIMS AND STRATEGIES

Short term treatment aims:

- Support the nervous system through the HPA-axis to improve an overall response to stress and down-regulate current elevated sympathetic nervous system.
- ▶ Improve sleep hygiene to improve energy levels and overall, down-regulation of inflammation.
- Support weight management, immune system and endocrine function through a targeted approach of digestive function.

Long term treatment aims:

- Maintain optimal digestive function with improved digestion, nutrient assimilation and absorption, and good motility and evacuation.
- Maintain healthy weight.

<u>Further investigations recommended:</u>

Blood pathology:

Full Blood Exam	\boxtimes	hsCRP	\boxtimes	LDH	
Creatine Kinase		Corrected calcium	\boxtimes	Phosphate	\boxtimes
UEC		Urate	\boxtimes	Magnesium	
Lipids (incl. HDL)	\boxtimes	Lipase	\boxtimes	Amylase	\boxtimes
LFT's (incl. AST)	\boxtimes	Fasting Glucose		Iron Studies	\boxtimes
Vitamin D	\boxtimes	TSH / FT3 / FT4		Hba1c	\boxtimes

You may ask your GP to have these tests done and be bulk billed OR you could have this tested privately through a Functional pathology lab and carry the expense. If you choose to do this privately, please advise your practitioner in order to receive a referral form.

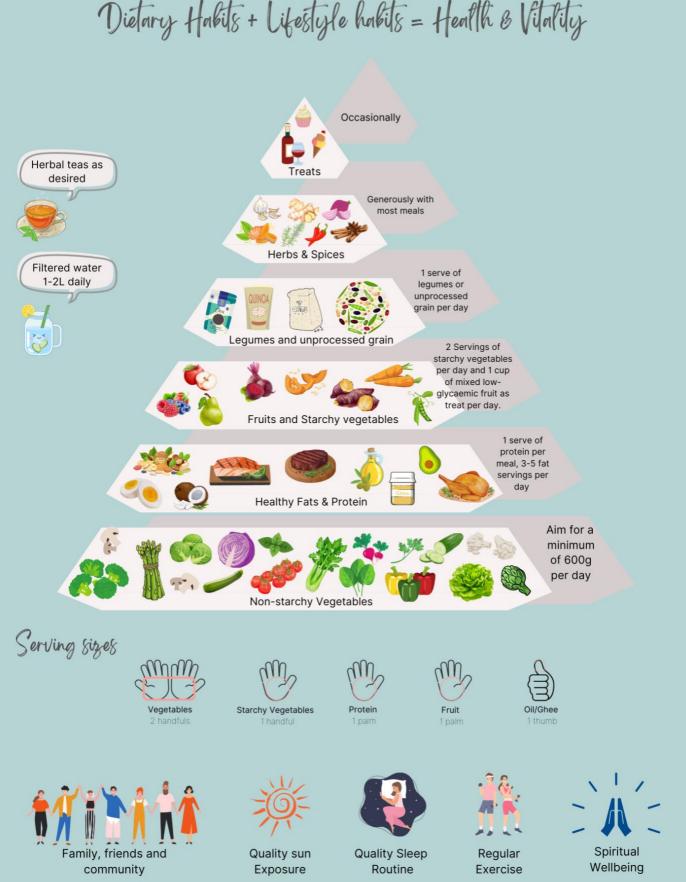
LIFESTYLE RECOMMENDATIONS

Physical Activity
☐ Walking 20-30 minutes at least 5 times a week.
☐ Pilates exercises – strengthening the core muscles.
Legs against the wall 2 – 3 times per week.
Sleep Hygiene
Sleep Hygiene Handout
<u>Stress Management</u>
\square Hydrotherapy – consider magnesium float therapy – but not more than 20 - 30 minutes at a time.
☐ Mindful Breathing Technique: Slowly breath in through your nostrils and hold for 5 seconds – then
slowly release the air through the nostrils again. You may repeat these 3 to 5 times and as you
need during the day, as they assist you in being in a state of calm.
☐ Massage – enjoy frequently – YOU know how valuable this is for your wellbeing ⊜.
☐ Sauna – this is great to detoxify and clear the lymph. Remember to hydrate yourself after your session
with electrolytes or Sole Water.
Connect with nature
Gardening
Forest bathing
Hiking
Creativity
Be creative in activities such as:
☐ Colouring
☐ Painting
☐ Woodworking
☐ Knitting
☐ Scrapbooking
☐ Sewing
Art Therapy through a qualified therapist

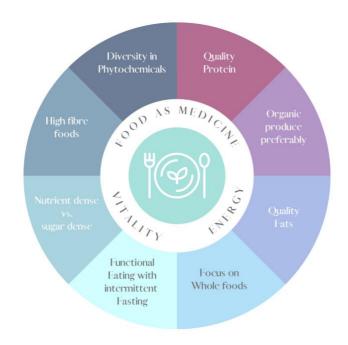
Oral Health Mercury amalgam – it is essential that you have these removed with a Biological Dentist. Oil Pulling with coconut oil + essential oils such as peppermint, clove and cinnamon. ☐ Non-fluoridated toothpaste. Gratitude journal ☐ Mobile App ☐ Journal your thoughts and display your gratitude - be creative about it! Reduce environmental toxic exposure: Environmental toxic exposure may lead to endocrine disruption and a causative factor to various disorders such as depletion of energy, weight gain, autoimmune conditions, neurodegenerative diseases and cancer. The following links are there for educational purposes to reduce exposure: **Phthalates** Skin care and personal body products Plastic products Cleaning products Cookware Mould exposure <u>Tips on Performing an Environmental Toxic Cleanse</u> Tap water and Bottled Water Risks

Microwave usage

Functional Food Pyramid Dietary Habits + Lifestyle habits = Health & Vitality



FUNCTIONAL FOOD AS MEDICINE



Hydration

Being hydrated assists the body to 'flush' toxins, improves metabolism, promotes satiety and assists the body in having an improved stress response.

☐ Filtered water – Amount: 1500mL per day.
☐ Herbal teas: ☐ Elderberry & Echinacea ☐ Mint ☐ Fennel ☐ Lemongrass & Ginger ☐ Chamomile
☐ Cinnamon ☐ Ginger ☐ Licorice ☐ Apple & Cinnamon ☐ Womankind
* These teas are from the Pukka Organic range and serves as a guideline only
☐ Sole (So-lay) water recipe:
Equipment: Mason Jar with plastic or non-metal lid
Ingredients: Himalayan Salt + Filtered Water
$Instructions: Fill the \ Mason \ Jar \ with \ {}^{1\!\!/}_{4} \ Himalayan \ Salt \ and \ {}^{9\!\!/}_{4} \ with \ Filtered \ water - leaving \ about \ an \ inch \ at \ the \ top. \ Place$
lid on top and shake gently for the salt to mix with water. Leave overnight for salt to dissolve. You will still have salt at
the bottom of the jar – the water will get saturated with what it needs and use the salt over the next few days until you
have almost no salt left.
Consume: 5mL of the salt saturated water first thing in the morning OR 20mL in a 1000mL bottle to sip during the day.
Good quality salt in moderation is great for your adrenals 🛡
* Add a slice of lemon or lime for a hint of natural flavour to your water
* In general, darker-yellow urine is an indication that there is a need for more water (except when the
darker colour is due to B-vitamins (a), clear urine and increased trips to the toilet may indicate over-
hydration.
<u> </u>
Avoid over consumption of coffee – enjoy one good quality cup per day from organic roasted beans
with no sugar 😍 Coffee is not a hydrator – in fact, too many can dehydrate you. A good coffee alternative
is <u>Vogel Organic Bambu</u> – which is also great for bowel motility. Consume no more than 2 times per day.

<u>Protein sources</u>

Proteins are the building blocks of life – once digested they become amino acids, to repair cells and create
new ones, support muscle growth, maintain muscle mass, support the immune system, and assists in the
regulation of blood sugar levels, which increases satiety. Choosing protein should predominantly be
organic, grass-fed, free-range, wild caught – they are lower (or no) in toxins such as genetically modified
grain-fed, hormone treatments, antibiotic treatments. They are higher in anti-inflammatory omega-3 fats.
Animal protein are the most bioavailable for humans due to our similar cell structure. These include:
☐ Lamb – if you can in a small amount ⊜
☐ Turkey
□ Eggs
☑ Fish (SMASH – salmon, mackerel, anchovies, sardines and herring). These fish have been linked to higher
anti-inflammatory omega-3 levels and lower toxic mercury poisoning.
Proteins from legumes, such as beans and lentils contain both complex carbohydrates, protein and quality
fibre, but lack in healthy fats. They lack a complete set of essential amino acids, which can be obtained if
they are mixed with quality animal protein.

Healthy Fat sources

Anti-inflammatory fats that are minimally processed and high in omega-3 fatty acids are essential for			
creating energy and needed for the maintenance of every cell in the body. A minimum of 4 servings per			
day are suggested and in small amounts. The following are sources of healthy fats:			
☐ Avocados			
☐ Butter & ghee – may also be a source of natural vitamin K that help absorb Vit D for bone density			
Extra Virgin Olive Oil – only when using for low heat and mostly as salad dressing			
☐ Fatty Fish – high in anti-inflammatory omega-3			
□ Nuts and seeds – full of minerals and fibre – only small amounts needed (handful per day)			
☐ Eggs – pasture fed only			
☐ Grass-fed, organic beef / lamb			
Dairy alternatives: Almond, Rice, Coconut and Macadamia milk – preferably organic to avoid exposures			
to toxins such as BPA			

Fibre

There are two types of dietary fibre that is essential to be consumed daily at around **25 grams for females** and **38 grams for men**. Dietary fibre from unprocessed whole foods are divided into two types:

<u>Insoluble fibre</u>: This serves as a 'bottle brush' in the intestines, clearing the wastes from the digestive tract and assisting with a complete evacuation. These are mostly found in the outer coat of vegetables and whole grain (Quinoa, Rolled and steel-cut oats).

<u>Soluble fibre</u>: This type of fibre attracts water, swells and creates a gel-like mass that slows down digestion to keep you feeling fuller for longer, it traps toxins so that the body can effectively excrete them and provides "food" (a prebiotic) to your commensal (healthy) bacteria to support the immune system, down-regulate inflammation and create 'vitamins' such as Vitamin K in the large intestine as well as regulate blood glucose levels. Foods high in soluble fibre are:

- Oat bran (organic and gluten free)
- Barley
- Nuts
- Seeds
- Beans
- Lentils
- Peas
- Certain fruits: guavas, apples, nectarines, pears, avocados and apricots
- Vegetables: include Brussels sprouts, sweet potatoes, broccoli, carrots and turnips
- Chia seeds (also great for healthy fats such as Omega 3)

Phytochemicals (Vegetables & Fruit)

When purchasing vegetables and fruit it is essential that we try and avoid as much toxicity that comes through the pesticides sprayed. This <u>American Guide</u> is similar to ours in Australia and is helpful in making decisions when we cannot find organic produce. Shopping locally at farmer's markets from non-sprayed items, supports our liver more effectively, as it doesn't place an additional burden on detoxification pathways.

Aim to eat 600g of non-starchy vegetables per day from a variety of colours – "Eat the Rainbow". Fruit should be considered a treat, as it does contain fructose and in high amounts may cause you to struggle in maintaining your healthy weight goals.

RED					
☐ Apples (p) ☐ Beets ☐ Capsicum ☐ Cranberries ☐ Watermelon	☐ Cherries ☐ Grapefruit (pink) ☐ Goji Berries ☐ Grapes ☐ Guava	☐ Onions (p) ☐ Plums ☐ Pomegranate ☐ Radicchio ☐ Radishes	Raspberries Strawberries Rhubarb Rooibos tea Tomato (p)	Benefits Anti-bacterial Anti-cancer Anti-inflammatory Blood circulation	Brain health Cell protection Heart health Prostate health
ORANGE					
☐ Apricots ☐ Capsicum ☐ Rockmelon ☐ Carrots	☐ Mango ☐ Nectarine ☐ Orange ☐ Pawpaw	Persimmons Pumpkin Sweet potato Tangerine	☐ Turmeric root	Benefits Anti-inflammatory Blood circulation Brain health	Cell protection Heart health Reproductive health
YELLOW					
Apples (p) Pears (p) Banana (p) Capsicum	☐ Corn ☐ Ginger root ☐ Jackfruit ☐ Lemon	☐ Passionfruit ☐ Pineapple ☐ Plantain ☐ Summer squash		Benefits Anti-inflammatory Cell protection Digestive health	Eye health Heart health Immune health
GREEN					
Apples (p) Artichoke (p) Asparagus (p) Avocado (p) Bean sprouts Bitter melon Bok choy	Broccoli Broccolini Brussels sprouts Cabbage Celery Cucumbers Green beans	Green peas Green tea Kiwi Limes Leeks (p) Okra	Pears Peppers Rocket Spinach Swiss chard Snow peas Zucchini	Benefits Anti-cancer Anti-inflammatory Blood circulation Bone health Brain health	Cell protection Digestive health Heart health Liver health
BLUE / PURPLE / BLA	ACK				
Berries Cabbage Carrots Cauliflower	☐ Eggplant ☐ Figs ☐ Grapes ☐ Olives (p)	☐ Plums ☐ Tomatoes ☐ Potatoes ☐ Prunes	Raisins Rice (black or purple)	Benefits Anti-inflammatory Blood circulation Bone health Brain health	Cell protection Digestive health Heart health Liver health
WHITE / TAN / BROWN					
Apples Cauliflower Cacao (p) Coconut Coffee Dates Pears	Garlic (p) Ginger Chickpeas Lentils (p) Lychee Mushrooms Tahini	Nuts: almonds, cashews, pecans, walnuts, macadamias, Brazil nuts Onions (p) Shallots	Seeds: Flax, Hemp, Pumpkin, Sesame, Sunflower Turnips Wholegrains: Oats (p), Brown rice (p), Quinoa (p), Rye, Spelt	Benefits Anti-cancer Anti-inflammatory Blood circulation Bone health Brain health	Cell protection Digestive health Heart health Immune health Metabolic health

 $^{^*}$ This is a modified version of the Phytonutrient Spectrum Foods derived from The Institute of Functional Medicine @

⁽p) Prebiotic Food – see next page

Pre-and Probiotic Foods

Our human gut microbiome, which forms a complex ecosystem consists of trillions of microbes. A microbiome that is dysregulated and not consisting of optimal commensal bacteria (good bacteria), have been linked to several disorders that include:

IBS (irritable bowel syndrome) Infectious diarrhoea intestinal permeability issues (leaky gut) Coeliac disease SIBO (Small Intestinal Bacterial Overgrowth) Respiratory infections Allergies Thyroid disorders Joint pain Autoimmune conditions Gastric ulcers Parkinson's disease Inflammatory bowel diseases such as Crohn's and Chronic inflammatory conditions such as arthritis Ulcerative colitis Chronic fatigue syndrome Cardiometabolic diseases (fatty liver, type II diabetes, Inflammatory Skin Conditions heart disease) Mood Issues and Autism

Foods that promote inflammation and disrupt the microbiome:

- Refined vegetable oils (canola, corn, soybeans)
- Pasteurised dairy products
- Refined carbohydrates and grain products
- Onventional meat, poultry and eggs due to cheap inflammatory feed ingredients
- Trans fats (used in processed foods and fried foods)
- Sugar (packaged snacks, breads, condiments, canned items, cereal, sodas)
- Antibiotics

Prebiotic foods serves as a '**feed**' for probiotic bacteria (commensal bacteria) and assists in the proliferation of them within the gastrointestinal lining. *Prebiotic foods has been marked (p) on the previous page*.

Probiotic foods that are usually derived from a fermentation process (cultured food) and **contain various** strains of probiotics that may be beneficial for you. **The following foods are known to be probiotic**. Your practitioner may recommend them if you have achieved an optimal state of GIT integrity in your protocol. If probiotics are included in your diet too early during a dysregulated phase, you may experience discomfort, pain, loose stools and gastric spasms. *Links have been included to learn more about it and get recipes on how to make it.*

now to make it.	
Milk kefir (ki-fear)	Sauerkraut (bought refrigerated)
☐ <u>Kimchi</u>	☐ <u>Water kefir</u>
Traditional buttermilk	

Example meals and snacks to navigate you on healthy options:

	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
BREAKFAST	<u>Farmer's Market</u> <u>Frittata</u>	Simple Savory Chicken Patties	Smoked Salmon Low Carb Bagels	<u>Dr Brukner's Muesli</u> with yoghurt	<u>Veggie Muffins</u>
SNACKS	Overnight Chocolate Chia Seed Pudding	Berries & Cream Smoothie	Simple Fennel Citrus Salad	Marinated olives	Greek yoghurt with blackberries
LUNCH	Warm Veggie Salad with almonds	Buddha Boost Bowl	Broccoli Cheese Soup	Scrambled eggs with Salmon & Avo	Garden Pesto Chicken 'Pasta'
SNACKS	Chocolate bark	Easy Date Protein Balls	Hummus with celery & carrot sticks	Roasted nuts	Chocolate bark
DINNER	Miso-glazed salmon & veggies	Baked Chicken Drumsticks	Saucy Moroccan Lamb	Zippy Zoodle Bolognese	One-Pan Beef & Broccoli

An example of a 'Health bowl' (modified version of a Buddha bowl)

How to create a simple and easy "Health Bowl"



****When choosing your various foods, please try and buy organic for your fruit and vegetables and pasture fed for your animal proteins, where possible***

PERSONALISED PRESCRIPTION PLANNER ACCORDING TO YOUR HEALTH GOALS

The following products have been chosen by your practitioner to assist you with achieving your health goals. This prescription has been prepared on: <u>17 May 2023</u> and will be assessed at your follow-up consultation in 8 weeks' time <u>Wednesday</u>, <u>12 July 2023 at 10h00</u> (recommended).

Product	Rationale & Comments
Brand: Bioclinic Natural	A herbal formulation to improve mental and physical
AdrenaSense	performance, relieve nervous tension, increase energy production
	and support an improved stress response.
Dosage: 1 tablet twice per day.	 Contains Reishi mushroom for immune support and energy.
Brand: Integra Nutritionals (Nutrigenomic	Stimulate Cellular antioxidant defences.
GeneActive Formulation E) GFC	 Activate key enzymes in liver detoxification and clearance pathways.
Dosage – PROTOCOL:	 Activates innate immune system for improved immune system
Week 1: 1 capsule	through Nrf2 pathways and activate liver detox enzymes.
Week 2: 1 capsule in the morning and 1 in	 Assists in restoration of structural integrity of GIT.
the evening	 Assist in maintenance and improvement of general wellbeing.
Week 3: 2 capsules twice a day.	Facilitate integration of calcium to bone
	Improve cognitive function and memory.
	If you experience any abdominal pain or discomfort with this product, please let me know – this is usually a sign of gut dysbiosis and we're triggering something that doesn't want to be eradicated. So, we'll simply titrate back to using less until the body is ready and can tolerate the therapeutic dosage.
Brand: Cell-Logic	A unique blend of functional food ingredients with pre-and
ImmunoGenex (Nutrigenomic formulation)	probiotics to support systemic immune dysfunction and optimising
	the gut Ecology. This assists in the restoration of the mucin layer of
Dosage: You may start in Week 3 following	the GIT.
the GFE protocol. Consume 2 serves per day	My personal quick fix recipe as a suggestion:
– one in the morning and one in the evening.	• ½ milk kefir
This can get quite clumpy – so I add mine to	1 scoop ImmunoGenex
a smoothie and blend it in for a smooth	2 Scoops <u>NutraOrganics Greens & Reds Powder</u> (using this
consistency.	powder means I'm getting more nutrients in too and alkalising
Do not use in warm drinks.	the body – time efficiency (5)
Do not use in warm arinks.	 ½ cup almond milk (unsweetened and organic)
	• ½ cup frozen organic berries or mango
	Blitz together and ENJOY!

Brand: Integra Nutritionals (Nutrigenomic Formulation of Collage Peptides) BCP-J

Dosage: 1 scoop per day with warm or cold drinks.

- BCP-J nutrigenomically stimulate the synthesis of chondrocytes in the joint capsule.
- This is very specific to improve structural integrity of the GIT lining and the mucin layer to down-regulate the inflammatory response.

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