# **HORMONES & BALANCE LIVER DETOX GUIDE**

## DIET - Add (+)

#### Stomach acid

Aids liver function and enzymatic activity for maximum detoxification. Add 2 tbsp of lemon, lime, ACV or sauerkraut juice before breakfast or each meal, if stomach acid is low.

#### **Fiber**

Aids the liver in moving toxins out. Add 2-3 tbsp of insoluble fiber per day; ground flax seed, chia seeds or psyllium husk.

## **Bitter greens**

Promotes bile excretion to help move toxins out. Found in radishes, dandelion and mustard greens - juicing and steaming them are both great. Add 2 servings/day.

## Cruciferous vegetables

They are rich in diindolylmethane (DIM) which helps the detoxification pathways. Found in broccoli, kale, brussels sprouts, cauliflower, bok choy.

#### Vitamin B-rich food

Supports all major detoxification pathways. Food richest in vitamin Bs is liver. Alternatively, purchase a vitamin B complex supplement from a quality source, <u>recommended brand</u>.

## Lemon peel

Rich in limonene – an activator in the methylation pathway detoxification. Use in dressings, baking, smoothies and juicing.

#### Choline-rich food

Supports the methylation pathway. Found in eggs (if tolerated) and avocados.

#### Sulphur-rich food

Supports the sulphation detoxification pathway. Found in egg yolk, broccoli, onion, garlic or MSM supplement.

## Vitamin C-rich food

Helps the glutathionation detoxification pathway. Highest amounts found in camu camu or goji berries (aka wolfberry). Add ½ tsp of camu powder to smoothies, porridge etc every day.

#### Selenium

Helps break toxins down. Found in brazil nuts, sardines, anchovies, herring, chicken breast, turkey meat, mustard of all types, curry powder, milk thistle and turmeric.

## Sea vegetables

Excellent chelator of heavy metals. Try kombu, nori, wakame, and arame – best used in soups, stews and salads. Not recommended for Hashimoto's patients with elevated TPO antibodies.

## Milk thistle powder

Used in Western herbalism for centuries. Recommend 1 tsp/day. Caution: can be estrogenic for some.

# **HORMONES & BALANCE LIVER DETOX GUIDE** cont.

# **DIET - Remove (-)**

### **Food intolerances**

Gluten, dairy, eggs, soy, corn, sugar, nightshades, yeast, citrus, nuts and seeds are common culprits in creating digestive issues that inhibit the liver function. Do the Elimination Diet to find what your sensitivities are.

#### Medications

Inhibits the detoxification pathways. Includes, but not limited to, antibiotics, antacids, birth control pills, NSAIDS (aspirin, acetaminophen, ibuprofen) and steroids (e.g. corticosteroids).

### Fluoride

Inhibits the glutathionation pathway. Found in tap water (in the US, Australia, not EU). Use a fluoride-removing water filter.

#### Other

Fried food, coffee and alcohol should be avoided as they take up a lot of liver resources to be cleared out.