





The A-Z Conditions Chart is designed as an aid to assist test selection and is not intended to override clinical judgment in individual cases.

It is a support document that underpins NutriPATH Pathology's test menu that is available to healthcare professionals. Every effort has been made to ensure The A-Z Conditions Chart is free from error or omission. The tests recommended and the descriptions within this documents are only to be used as guidance.

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Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Absent Periods	Absent menstruation, also known as amenorrhea, is the absence of menstrual periods. There are two types of absent menstruation. The type depends on whether menstruation hasn't occurred by a certain age, or whether menstruation has occurred and is then absent. Absent menstruation may occur for a variety of reasons. The most common of these include natural causes, lifestyle factors, and hormonal imbalances.	Sudden weight loss, missed periods, PCOS, Hormonal symptoms	Female Hormone Profile Code 1005 or Female 28 Day Cycle code: 1004	Thyroid Hormone Profile Code 1114	Adrenocortex Stress Prole code 1001 Or Adrenocortex Prole Basic + Female Hormone Prole Code 1010
Acid Reflux	At the entrance to your stomach is a valve, which is a ring of muscle called the lower esophageal sphincter (LES). Normally, the LES closes as soon as food passes through it. If the LES doesn't close all the way or if it opens too often, acid produced by your stomach can move up into your esophagus.	Sore inflamed oesophagus bad breath, bloating and belching, difficulty swallowing, sore throat, persistent cough or wheezing, nausea, burning in the chest	Complete Microbiome Mapping Code 2206 or CDSA Testing Codes 2003 - 2009	Helicobacter Pylori Code 2010	Gastrin
Acne	Acne is a skin condition characterized by red pimples on the skin, especially on the face, due to inflamed or infected sebaceous glands. We know that stress can aggravate acne however, it may not be the absolute cause of it. Other common causes of acne are hormone imbalances where an increase in hormone production occurs causing high levels of androgens, the male sex hormones that include testoserone. Testosterone signals the body to make more sebum, the oil produced in the skin's oil glands.	Whiteheads or blackheads inflamed skin or tenderness	Adrenocortex +Female Hormones Code 1010 or Adrenocortex +Male Hormones Code 1011	Allergy Panel - IgG General Foods Code 3206	Allergy Panel - IgG General Foods Code 3206
ADD/ADHD	ADHD stands for attention deficit hyperactivity disorder, a condition with symptoms such as inattentiveness, impulsivity, and hyperactivity.	Inattentiveness, hyperactivity, impulsiveness, short attention span, careless, forgetful, unable to listen or carry out instructions, difficulty in organising tasks	Advanced Neurotransmitters Code 4036	Pfeiffer Profile Code 3415 or 3416	Hair Mineral Analysis Level 2 Code 5014
Addiction	Addiction is a primary, chronic disease of brain reward, motivation, memory and related circuitry. Dysfunction in these circuits leads to characteristic biological, psychological, social and spiritual manifestations. This is reflected in an individual pathologically pursuing reward and/or relief by substance use and other behaviors.	Anxiety, agitation, aggression impulsive, restlessness, dilator pupils, rapid or rambling speech	Advanced Neurotransmitters Code 4036	Pfeiffer Profile Code 3415 or 3416	
Addison's Disease	Addison's disease occurs when the adrenal glands do not produce enough of the hormone cortisol and in some cases, the hormone aldosterone. For this reason, the disease is sometimes called chronic adrenal insufficiency, or hypocortisolism.	Fatigue, Lethargy, muscle weakness, need to urinate frequently, increased thirst, low mood, loss of appetite, craving salty foods	Adrenocortex Code 1001	ACTH Code 3415	





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Adrenal Fatigue	Adrenal Fatigue is a decrease in the adrenal glands' ability to carry out this normal function. It is commonly caused by chronic stress from any source (including emotional, physical, mental, or environmental) that exceeds the body's capacity to adjust appropriately to the demands placed on it by the stress.	Fatigue, Burnout, grinding teeth, weight gain, mood changes, hair loss, gastrointestinal disturbances or immune system	Adrenocortex Code 1001	Comprehensive Thyroid Profile Code 1114	Organix Comprehensive Code 4041
Alcohol Indulgence	The excessive misuse and consumption of alcohol may increase the risk of injury, violent behaviour, and contribute towards heart disease, liver disease and pancreatitis.	Hand tremors or shakes, sweating, hallucinations, depression, anxiety, insomnia	Neurotransmitters, Extensive Code 4026	Adrenocortex Stress Profile Code 1001	Liver Function Test Code 6004
Allergies - Foods	Allergy occurs when a person's immune system reacts to substances in the environment that are harmless for most people. These substances are known as allergens and are found in house dust mites, pets, pollen, insects, moulds, foods and some medicines.	Tingling or itching in the mouth, urticaria, wheezing, nausea or vomiting, diarrhoea, bloating, flatulence	Allergy Panel - IgE Foods	Allergy Panel - IgG Foods	Allergy Panel - IgA Foods
Allergies - Moulds	Allergy occurs when a person's immune system reacts to substances in the environment that are harmless for most people. These substances are known as allergens and are found in house dust mites, pets, pollen, insects, moulds, foods and some medicines.	Fatigue and weakness, headache, light sensitivity, poor memory, difficult word finding, difficulty concentration, morning stiffness, joint pain, unusual skin sensations, tingling and numbness, shortness of breath, sinus congestion or chronic cough.	ALCAT- Mould intolerance Code 3308	Mycotoxins-Urine Code 3419	Mould and Biotoxins Customised Combination Code 3417
Alopecia	When you have an autoimmune disease, your immune system attacks your own body. With alopecia it's the hair follicles that are attacked. This causes the hair to come out, often in clumps the size and shape of a quarter. The amount of hair loss is different in everyone. Some people lose it only in a few spots. Others lose a lot.	Hair loss thinning of the hair patches of hair falling out	Adrenocortex Basic Code 1001	Thyroid Hormone Profile Code 1114	Female/Male hormone profile saliva Code 1005/1007
Alzheimer's	Alzheimer's disease is the most common form of dementia, affecting up to 70% of all people with dementia. Alzheimer's disease can be either sporadic or familial. Sporadic Alzheimer's disease can affect adults at any age, but usually occurs after age 65 and is the most common form of Alzheimer's disease. Familial Alzheimer's disease is a very rare genetic condition, caused by a mutation in one of several genes. The presence of mutated genes means that the person will eventually develop Alzheimer's disease, usually in their 40's or 50's.	Loss of memory, repeating conversation, show poor judgement, hesitancy, delusions, obsession or repetitive behaviour, confusion, loss of speech	APOE Code 3408	Essential Fatty Acids Code 5011	





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Amenorrhoea	Absent menstruation, also known as amenorrhea, is the absence of menstrual periods. There are two types of absent menstruation. The type depends on whether menstruation hasn't occurred by a certain age, or whether menstruation has occurred and is then absent. Absent menstruation may occur for a variety of reasons. The most common of these include natural causes, lifestyle factors, and hormonal imbalances.	Sudden weight loss, missed periods, PCOS	Female Hormone Profile Code 1005	Thyroid Hormone Profile Code 1114	Adrenocortex Stress Profile code 1001 Or Adrenocortex Profile Basic + Female Hormone Profile Code 1010
Anaemia	Anemia is a condition that develops when your blood lacks enough healthy red blood cells or hemoglobin. Hemoglobin is a main part of red blood cells and binds oxygen. If you have too few or abnormal red blood cells, or your hemoglobin is abnormal or low, the cells in your body will not get enough oxygen.	Lethargy, shortness of breath, palpitations, pale complexion headache, hair loss, difficulty swallowing, altered sense of taste	Iron Studies Code 6009	Active Vitamin B12 and Folate Code 6013	Adrenocortex Basic Code 1001
Anorexia	Anorexia Nervosa is a psychological illness with devastating physical consequences. It is characterised by low body weight and body image distortion with an obsessive fear of gaining weight which manifests itself through depriving the body of food. It often coincides with increased levels of exercise.	Obsessive count of calories, excessive exercise, miss meals, eat very little, promote vomiting, abdominal pain fatigue, feeling cold	Neurotransmitters, Extensive Code 4026	Adrenocortex Stress Profile Code 1001	CDSA Level 3+ Code 2006
Anxiety	It's natural to worry during the stressful times we all experience from time to time in life. However, someone with an anxiety or related disorder, however, feels persistently anxious in a way which is excessive and out of keeping with the situation they are in.	Feelings of panic, fear, and uneasiness, problems sleeping, cold or sweaty hands or feet, shortness of breath, heart palpitations, not being able to be still and calm, dry mouth, numbness or tingling in the hands or feet.		Adrenocortex Stress Profile Code 1001	Thyroid Hormone Profile Code 1114
Arthritis	Arthritis-related problems include pain, stiffness, inflammation and damage to joint cartilage (the tissue that covers the ends of bones, enabling them to move against each another) and surrounding structures. This can result in joint weakness, instability and deformities that can interfere with the most basic daily tasks such as walking, driving a car and preparing food.	Joint pain, joint tenderness, joint swelling, joint redness, joint warmth, joint stiffness, loss of joint range of motion	Autoimmune Assessment - Comprehensive Code 3431	Vitamin D Code 1115	Omega 3 Index Code 5029
Asthma	Asthma is a common long term inflammatory disease of the airways of the lungs. It is characterized by variable and recurring symptoms, reversible airflow obstruction, and bronchospasm.	Shortness of breath, chest tightness, chest pain, coughing or wheezing, whistling or wheezing when exhaling	Allergy Panel - IgA, IgG, IgE Foods, Inhalants		





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Atherosclerosis	Atherosclerosis is a disease in which plaque builds up inside your arteries. Arteries are blood vessels that carry oxygen-rich blood to your heart and other parts of your body. Plaque is made up of fat, cholesterol, calcium, and other substances found in the blood. Over time, plaque hardens and narrows your arteries. This limits the flow of oxygen-rich blood to your organs and other parts of your body. Atherosclerosis can lead to serious problems including heart attack, stroke, or even death.	Chest pain or angina, fatigue shortness of breath, pain in arm or leg, confusion, muscle weakness	Cardiovascular Profile Code 4027	LIPOSCREEN LDL- Subfractions Code 4028	Oxidised LDL Code 4029
Autism	Autism spectrum disorder (ASD) is common in children and affects social interaction, communication, and behaviour. It is thought that ASD is caused by several complex genetic, environmental factors or the use of vaccines.	Problems with social interaction, poor eye contact, problems with body gestures and language, inability to understand emotions or feelings, repetition of words or phrases, anxiety or depression	Neurotransmitters, Extensive Code 4026	Copper, Ceruloplasmin & Zinc Code 5033	Hair Mineral Analysis Code 5014
Biliary Cirrhosis	Cirrhosis is scarring of the liver caused by continuous long-term liver damage. Scar tissue replaces healthy tissue in the liver and prevents the liver working properly.	Nausea, vomiting, pain under right rib cage, yellowing of skin	Liver Function Test Code 6004	Complete Microbiome Mapping Code 2206 or CDSA Testing	
Bipolar Disorder	Bipolar disorder, formerly known as manic depression, is a condition that affects your moods, which can swing from one extreme to another. People with bipolar disorder have periods or episodes of: depression – feeling very low and lethargic mania – feeling very high and overactive (less severe mania is known as hypomania)	Feeling hopeless or sad irritability, mental sluggishness fatigue, inability to experience pleasure, hallucinations exaggerated swings of mood, poor cognition	Neurotransmitters, Extensive Code 4026	Pfeiffer Profile Code 3415 or 3416	Mauve Factor (formerly Kryptopyrroles) Code 4011
Blood Pressure	High blood pressure, or hypertension, rarely has noticeable symptoms. But if untreated, it increases your risk of serious problems such as heart attacks and strokes.	Intense headache, fatigue, confusion, chest pain, vision impairment, irregular heartbeat, pounding in the chest or ears	Cardiovascular Profile Code 4027	Aldosterone/Renin Code 1101	Adrenocortex Basic Code 1001
Blood Type Diet	There are four main blood groups (types of blood): A, B, AB and O. Your blood group is determined by the genes you inherit from your parents. Each group can be either RhD positive or RhD negative, which means your blood group can be one of the eight types.		Blood Group Code 6001		
Bowel Cancer	Bowel cancer is a general term for cancer that begins in the large bowel. Depending on where the cancer starts, bowel cancer is sometimes called colon or rectal cancer. Bowel cancer is one of the most common types of cancer diagnosed in the UK. Most people diagnosed are over the age of 60.	Blood in the stool, abdominal pain, abdominal bloating, sudden weight loss, change in bowel habits	M2 Pyruvate Kinase (M2PK) (Faecal) Code 2012	ONCOTRACE Code 7006 or ONCONOMICS PLUS Code 7003	CA 15-3 Code 6109





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Brain Fog	Memory loss, also called amnesia, happens when a person loses the ability to remember information and events they would normally be able to recall. It could be something that happened seconds or minutes ago, or a memorable event that occurred in the past. The loss of memory may have started suddenly, or it may have been getting worse over the last year or so.	Headaches, irritability, forgetfulness, confusion, anxiety, fatigue, poor concentration	Adrenocortex Stress Profile Code 1001	Organix Comprehensive Code 4041	Thyroid Profile - Extensive Code 1114
Breast Cancer	Breast cancer is the most common type of cancer worldwide. Most women diagnosed with breast cancer are over 50, but younger women can also get breast cancer. About one in eight women are diagnosed with breast cancer during their lifetime.	Breast pain, nipple retraction, redness or scaling this on the breast, nipple discharge, lump on the breast skin irritation or dimpling	ONCOTRACE Code 7006 or ONCONOMICS PLUS Code 7003	Advanced Hormones Dried Urine Code 1501	Estrogen Metabolites Level 3, 24 hour Code 1209
Cancer	Cancer is a condition where cells in a specific part of the body grow and reproduce uncontrollably. The cancerous cells can invade and destroy surrounding healthy tissue, including organs. Cancer sometimes begins in one part of the body before spreading to other areas. This process is known as metastasis. More than one in three people will develop some form of cancer during their lifetime.	Sudden weight loss, persistent cough, blood tinged saliva, severe bowel changes, unexplained anaemia, unusual lumps, changes in urination	ONCOTRACE Code 7006 or ONCONOMICS PLUS Code 7003	aCGH Code 7013 if origin of primary is unknown	Protein Tumour Markers Codes 6106 - 6112
Candida	Oral thrush is a fungal infection of the mouth. It is not contagious and is usually successfully treated with antifungal medication. It is also called oral candidosis (or candidiasis) because it is caused by a group of yeasts called Candida.	Skin and nails infections, fatigue, digestive issues, bloating, constipation, diarrhoea, the Journal infections, sugar and refined carbohydrate cravings, difficulty concentrating	Candida Antibodies/Antigen (Serum) Code 3002	Allergy Panel - IgG General Foods	Complete Microbiome Mapping Code 2206 or CDSA Testing
Cardiovascular Disease	Cardiovascular disease (CVD) is a general term for conditions affecting the heart or blood vessels. It's usually associated with a build-up of fatty deposits inside the arteries – known as atherosclerosis – and an increased risk of blood clots. It can also be associated with damage to arteries in organs such as the brain, heart, kidneys and eyes. CVD is one of the main causes of death and disability in the UK, but it can often largely be prevented with a healthy lifestyle.	Suffocation or restriction, tension in jaw, neck or face, dizziness, chest pain heartburn	Cardiovascular Profile Code 4027	My Cardiovascular Medication DNA Profile code 8015	
Cholesterol (High)	Cholesterol is a fatty substance known as a lipid and is vital for the normal functioning of the body. It's mainly made by the liver, but can also be found in some foods. Having an excessively high level of lipids in your blood (hyperlipidemia) can have an effect on your health. High cholesterol itself doesn't usually cause any symptoms, but it increases your risk of serious health conditions.	Angina from heart disease, fatty skin deposits on the elbows, buttocks, knees, and tendons cholesterol deposits around the eyelids, cholesterol deposits around the corneas	Cardiovascular Profile Code 4027	My Cardiovascular Medication DNA Profile 8015	





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Chronic Fatigue Syndrome	Chronic fatigue syndrome (CFS) causes persistent fatigue (exhaustion) that affects everyday life and doesn't go away with sleep or rest. CFS is also known as ME, which stands for myalgic encephalomyelitis. There's some debate over the correct term to use for the condition, but these pages will refer to the condition as CFS. CFS is a serious condition that can cause long-term illness and disability, but many people – particularly children and young people – improve over time.	Loss of memory or concentration, feeling unrefreshed after sleep, chronic insomnia, muscle pain, frequent headache, multijoint pain, frequent sore throat, tender lymph nodes	Adrenocortex Basic Code 1001	Organix Comprehensive Code 4041	Refer to Assessments for Moulds/Mycotoxins
Clostridium Infection	Clostridium difficile, also known as C. difficile or C. diff, is a bacterium that can infect the bowel and cause diarrhoea. The infection most commonly affects people who have recently been treated with antibiotics, but can spread easily to others. C. difficile infections are unpleasant and can sometimes cause serious bowel problems, but they can usually be treated with another course of antibiotics.	Watery diarrhea, severe abdominal pain, loss of appetite, fever, blood or pus in the stool, weight loss	Clostridium Difficile Test Code 2017	Complete Microbiome Mapping Code 2206 or CDSA Testing	
Coated White Tongue	White coating on the tongue is associated with oral thrush or a fungal infestation of the mouth. Oral candidiasis is caused by a group of yeasts called Candida.	White patches or plaques in the mouth, loss of taste or unpleasant taste, redness inside the mouth and throat, burning sensation in the mouth	Complete Microbiome Mapping Code 2206 or CDSA Testing	Allergy Panel - IgG General Foods	Candida Antibodies/Antigen (Serum) Code 3002
Coeliac Disease	Coeliac disease(CD) is an autoimmune inflammatory condition affecting the small intestine. CD is caused by an adverse reaction to protein found in the grains called gluten. Gluten is found in wheat, barley, rye and beverages such as beer.	Fatigue, Diarrhoea, abdominal pain, bloating and flatulence, indigestion, constipation, fatigue, unexpected weight loss	Gluten Sensitivity Genetic Test Code 2019	Coeliac Profile Code 2022	Complete Microbiome Mapping Code 2206 or CDSA Testing
Colitis/Ulcerative Colitis	Ulcerative colitis (UC) is an autoimmune inflammatory condition affecting the colon and rectum. The lining of the colon becomes inflamed and ulcerated producing blood loss and pus.	Recurring diarrhoea, stool with blood, mucus, pus abdominal pain, increased frequency of bowel emptying	Calprotectin Code 2001	Secretory IgA (Salivary) Code 3007	Complete Microbiome Mapping Code 2206 or CDSA Testing
Colon Cancer	Cancer or bowel cancer is cancer of the large bowel and may affect the rectal area.: Cancer is one of the most common types of cancers diagnosed particularly in the over 60s.	Persistent blood in the stools persistent change in bowel habits lower abdominal pain unintentional weight loss, fatigue	M2 Pyruvate Kinase (M2PK) (Faecal) Code 2012	Carcino Embryonic Antigen (CEA) Code 6107	ONCOTRACE Code 7006 or ONCONOMICS PLUS Code 7003
Constipation	Constipation is an inability to pass stool regularly or completely empty the bowel. Faecal matter may be hard or lumpy. The severity may vary from person to person. Constipation is caused by a variety of contributing factors such as insufficient fibre in the diet, side effects of medications, or in adequate fluids.	Abdominal pain and cramps, bloating, loss of appetite, nausea	Complete Microbiome Mapping Code 2206 or CDSA Testing	Intestinal Permeability Test Code 2011	SIBO Code 2025





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Crohns Disease	Crohn's disease is a long-term inflammation of the gastrointestinal tract, most commonly found in the small intestine (ileum) or large intestine (colon). Many can be asymptomatic.	Diarrhoea, abdominal pain, fatigue, blood or mucus in the stool, unintended weight loss, joint pain and swelling, nausea and vomiting	Calprotectin Code 2001	Secretory IgA (Salivary) Code 3007	Complete Microbiome Mapping Code 2206 or CDSA Testing
Dementia	Dementia presents as a loss of memory and cognitive impairment are seen in Alzheimer's disease and vascular dementia. Dementia is a collection of symptoms that result from damage to the brain with a gradual death of brain cells particularly seen in over 60s.	Impaired attention and concentration, mood and behavioural changes, loss of memory, disorientation and confusion, personality changes including aggressiveness depression, mood swings and apathy, urinary incontinence, hallucinations	Neurotransmitters, Extensive Code 4026	APOE Code 3408	Essential Fatty Acids Code 5011
Depression	Depression is a neurological imbalance of neurotransmitters presenting as sadness, feeling down or feeling low. Depression affects people in different ways causing physical and mental symptoms. There are many types of depression, e.g., bipolar disorder, postnatal depression, psychotic depression.	Low mood, lack of enthusiasm, altered appetite and sex drive, constantly fatigued, poor sleep, aches and pains, suicidal ideation	Neurotransmitters, Extensive Code 4026	Pfeiffer Profile Code 3415 or 3416	My Mental Health DNA Profile Code 8012
Dermatitis/Eczema	Dermatitis is an inflammatory skin condition which present as irritation, rash and itching caused by allergies, irritants or photo contact. Dermatitis can be caused by contact with irritants such as bleach or detergents, using latex gloves, wearing jewellery or application of skin creams.	Dry scaly skin, hives, blisters skin redness, itching, sun sensitivity, swelling	Allergy Panel - IgA, IgG, IgE Foods, Inhalants	Vitamin D Code 1115	CDSA Level 1 Code 2003
Diabetes	Diabetes is an inflammatory condition caused by elevated blood sugar levels and the inability to produce enough insulin. There are two types of diabetes: type I diabetes where the body's immune system attacks and destroys cells that produce insulin, and type II diabetes where the body doesn't produce enough insulin.	Feeling thirsty, increased frequency of urination, fatigue, weight loss, loss of muscle tissue, cuts and wounds that heal slowly, blurred vision	Glycoslyated Haemoglobin (HbA1c) Code 6006	Insulin Resistance Index Code 1109	Cardiovascular Prole Code 4027
Diarrhoea	Diarrhoea can be caused as a result of dysentery, food poisoning and is associated with gastroenteritis and gastrointestinal infections. Persistent diarrhoea can lead to symptoms of dehydration which can be particularly dangerous especially in the young.	Loose stool, diarrhoea and vomiting, watery stool, blood in the stool, abdominal pain, dehydration	Complete Microbiome Mapping Code 2206 or CDSA Testing	Intestinal Permeability Test Code 2011	Secretory IgA (Salivary) Code 3006





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Dysmenorrhea	Dysmenorrhoea is pure pain experienced by women as part of the menstrual cycle. Pain can present as muscle cramps, intense spasms, and back pain usually before the onset of the period. Dysmenorrhoea occurs when the muscular wall of the world contracts to encourage the lining to shed away as part of the monthly period. Conditions that cause dysmenorrhoea may include endometriosis, fibroids, pelvic inflammatory disease and adenomyosis.	Period pain, moods and irritability, back pain, heavy menstrual bleeding, constipation or diarrhoea	Female Hormone Profile - Basic Code 1005	Adrenocortex Stress Profile Code 1001	Iron Studies Code 6009
Eating Disorders	Eating disorders are characterised by an abnormal attitude towards food that affects behaviour. Types of eating disorders may include anorexia nervosa, a condition associated with starvation or excessive exercising. Bulimia, a condition which is associated with binge eating followed by medication to evacuate the bowel or deliberately vomit. Binge eating disorder, a condition associated with overeating in a short space of time.	Missing meals, worry of being fat, repeated weighing, eating low calorie foods	Neurotransmitters, Extensive Code 4026	Methylation Profile Code 5101	Complete Microbiome Mapping Code 2206 or CDSA Testing
Eczema	Types of eczema include atopic, contact, discoid, varicose which vary in aetiology and treatment.	Itchy dry cracked skin, sore and red skin, inflammation and redness, constant scratching and subsequent oozing of the skin, yellow white spots on the skin	Allergy Panel - IgG General Foods code 3206	Adrenocortex Basic 1001	CDSA Level 1 Code 2003
Endometriosis	Endometriosis is a condition that affects a woman's reproductive organs when the lining of the uterus grows outside of it affecting the uterine wall and the gastrointestinal tract. Endometriosis can affect bladder, bowel, fertility and emotional health.	Fever and feeling unwell, pain during or before the period, pain during or after sex, abdominal, back or pelvic pain, pain when passing urine or opening the bowel, ovulation pain, heavy bleeding, bleeding from the bladder or bowel, increased frequency of urination, changes in bowel habits	Female Hormone Profile - Basic code 1005	Advanced Hormones Dried Urine Code 1501	Estrogen Metabolites Code 1308
Enlarged Prostate	Benign prostatic hyperplasia (BPH) is common in the ageing man and is associated with prostate enlargement, prostatitis or inflammation of the prostate, or prostate cancer. The prostate gland surrounds the urethra which ordinarily produces a thick white fluid mixed with sperm to create semen.	Difficulty starting or stopping urination, weak flow of urine, straining when urinating, a feeling of not being able to fully empty the bladder, urine dribbling after finished, increased frequency of urination, waking to urinate during the night	Male Hormone Profile - Extensive Code 1008 and/or Adrenocortex Stress Prole Code 1001	ONCOTRACE Code 7006	Prostate Specific Antigen (PSA) Code 6112





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Environmental Pollution	Environmental pollution is contamination or pollution of the environment, a serious health concern today. Contamination may be derived from chemical substances, energy, fuel, toxins found in foods, chemicals, pesticides, herbicides, preservatives and plastics.	Fatigue, mental health disturbances, chronic complex illnesses, autoimmune disease, allergies	Organic Acids – Metabolic & Environmental Pollutant Panel (urinary) Code 4017	ALCAT Intolerance Test - CHEM50	Heavy Metals Screens Code 5013 - 5036
Exhaustion	Exhaustion is a state of extreme physical and mental tiredness, a temporary loss of strength and energy leading to weakening and to debilitation.	Brain fog, mental exhaustion, fatigue, tiredness, weariness, frazzled	Adrenocortex Basic Code 1001	Thyroid Profile Extensive Code 1114	Organix Comprehensive Code 4041
Fatigue	Fatigue is a state of constant tiredness which may be due to adrenal dysfunction, lack of sleep,	Brain fog, mental exhaustion, fatigue, tiredness, weariness, frazzled	Adrenocortex Basic Code 1001	Thyroid Profile Extensive Code 1114	Organix Comprehensive Code 4041
Fertility	medical conditions, anaemia, chronic fatigue, sleep apnoea, underactive thyroid, diabetes, glandular fever, depression, restless legs or anxiety.	Infertility, irregular periods, painful periods, amenorrhoea, menorrhagia	Female Hormone Profile 28-day Code 1004	Advanced Hormones Dried Urine Code 1501	Complete Microbiome Mapping Code 2206 or CDSA Testing
Fibromyalgia	Fibromyalgia is an autoimmune condition associated with pain all over the body. Fibromyalgia is a complex condition which may be caused by genetic defects, imbalances in neurotransmitters, infections, chronic stress, or nutrient deficiencies.	Increased sensitivity to pain, muscle stiffness, difficulty sleeping, extreme fatigue, headaches, mental health disturbances, irritable bowel syndrome	HLADQ/DR code 3401	AA : EPA Ratio Code 5001	Organix Comprehensive Code 4041
Flatulence	Flatulence is passing of gas or wind from the digestive tract. Excessive flatulence may be uncomfortable and could be associated with imbalances of the gastrointestinal tract, e.g. irritable bowel syndrome, indigestion, or SIBO. There are several causes of flatulence such as swallowing excess air through chewing, smoking, sucking or loose fitting dentures; consumption of carbonated drinks; wind producing foods such as beans, cabbage, pulses.	Passing wind, abdominal cramps, belching, bloating, pain in the gut,	Complete Microbiome Mapping Code 2206 or CDSA Testing	Allergy Panel - IgG General Foods code 3206	Coeliac Profile Gluten Sensitivity Genetic Test
Food Allergy	Food allergy affects the body's immune system when it reacts to specific foods. Food allergy, intolerance, sensitivity can affect the body in many ways. Severe food allergy may be life threatening leading to anaphylaxis.	Gastrointestinal disturbances, swelling of the face, eyes, lips nausea or vomiting, hives or rashes, fatigue, mental health disturbances	Allergy Panel - IgE	ALCAT Intolerance - Foods, Chemicals, Food additives, Environmental pollutants, Moulds	
Food Intolerance	Food intolerance is a delayed reaction when exposed to specific offending foods. The statistic of food intolerance has arisen over recent years possibly due to adulteration of foods, GMO modification, genetic defects, and processing of foods.	Abdominal bloating, abdominal pain, diarrhoea, skin rashes and itching	Allergy Panel - IgG and/or IgA	ALCAT Intolerance - Foods, Chemicals, Food additives, Environmental pollutants, Moulds	





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Food Sensitivities	Food sensitivity is represented by an IgA mediated antibody response. IgA antibodies of the first line of defence against foods and microbes as they are predominantly found in mucus membranes in the gut, nasal passages, and lungs.	Abdominal bloating, abdominal pain, diarrhoea, constipation, skin rashes or hives, fatigue	Allergy Panel - IgA and/or IgG	ALCAT Intolerance - Foods, Chemicals, Food additives, Environmental pollutants, Moulds	
Gastritis	Gastritis is inflammation of the lining of the stomach. This stomach lining becomes erosive and is exposed to stomach acid leading to pain, bleeding and inflammation.	Indigestion, burning sensation in the stomach, nausea or vomiting, feeling full after eating, belching radiating pain from the stomach	Complete Microbiome Mapping Code 2206 or CDSA Testing	Allergy Panel - IgG General Foods Code 3206	
Gastroenteritis	Gastroenteritis is an infectious condition caused by bacterial or viral infections leading to diarrhoea and vomiting. It is an unpleasant condition which when treated is alleviated but may be contagious.	Diarrhoea, feeling sick, projectile vomiting, fever, headaches	Complete Microbiome Mapping Code 2206 or CDSA Testing	CDSA Level 3+ Code 2006	Allergy Panel - IgG General Foods Code 3206
Goitre	Goitre seen as a swelling of the thyroid gland which may move as one swallows, is a thyroid hormone dysfunction. The size and symptoms of goitrism may vary.	Tight feeling in the throat, changes in voice, hoarseness, difficulty swallowing, difficulty breathing, fatigue	Thyroid Profile Extensive Code 1114	Thyroid Co-Factors Code 1310	
Gout	Gout is an arthritic condition associated with an accumulation of uric acid crystals in and around the joints. It causes sudden attacks of pain and swelling and may be painful and debilitating.	Severe pain in one or more joints hot and tender joint, swelling in and around the affected joint, redness and inflammation	AA:EPA Code 5001	Allergy Panel - IgG General Foods Code 3206	Uric Acid
Grandiosity	Grandiosity is a characteristic of mental health disturbances which refers to unrealistic sense of superiority and may be associated with narcissism or a sense of uniqueness. Grandiosity may be associated with impaired neurotransmission pathways and an imbalance of histamine.	Narcissism, Superiority, Mania inflated sense of self, overconfidence	Neurotransmitters, Extensive Code 4026	Mauve Factor (formerly Kryptopyrroles) Code 4011	Histamine (Plasma) Code 4006
Graves' Disease	Graves' disease is an autoimmune thyroid disease when the thyroid gland produces too much Thyroid hormones and becomes overactive. It affects the middle-aged women and may be genetically.	Irregular heartbeat, nervousness, anxiety, hyperactivity, mood swings, difficulty sleeping, muscle weakness, fatigue, persistent thirst	Thyroid Profile Extensive Code 1114	Thyroid Co-Factors Code 1310	Autoimmune Assessment - Comprehensive Code 3431
Growth Disorders	Growth disorders is a broad condition associated with growing pains, hyper mobility or dwarfism. Growing pains are aches and pains cooing mainly in large muscles like leg muscles in growing children. Dwarfism characterised by short stature may be associated with lack of growth or limbs being shorter or out of proportion with other body parts.	Growth hormone deficiency, pain in muscles and joints, osteoporosis, reduced muscle tone, behavioural changes, chronic illnesses affecting lungs, heart or kidneys	IGF1 & IGF-BP3 Code 1107	Growth Hormone Code 1107	





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Hair Loss	Hair loss or aloplecia may be associated with hormonal dysfunction or scarring. Alopecia areata is seen as patches of baldness on the scalp and may be associated with an overactive thyroid, diabetes or Down syndrome. Scarring aloe please see could be associated with scleroderma, connective tissue breakdown or lichen planus, and itchy rash.	Hair loss, thyroid symptoms, hormonal symptoms, stress	Adrenocortex Basic Code 1001	Hormones Male or Female	Thyroid Profile Extensive Code 1114
Halitosis (Bad Breath)	Halitosis or bad breath may be caused by poor oral hygiene, the build-up of bacteria or toxins in the mouth, gum disease, smoking or drinking alcohol. The underlying cause of may need to be established, e.g. infections in the gut or liver toxicity.	Bad breath, coating on the tongue, discomfort in the liver area	Complete Microbiome Mapping Code 2206 or CDSA Testing	H.Pylori Code 2010	Intestinal Permeability Test Code 2011
Hashimotos Thyroiditis	Hashimoto's thyroiditis is an autoimmune thyroid condition involving inflammation or swelling of the thyroid gland. It may be caused by an abnormally high or low level of thyroid hormones in the body.	Fatigue, weight gain, constipation, dry skin, depression palpitations	Thyroid Profile Extensive Code 1114	Thyroid Co-Factors Code 1310	Autoimmune Assessment - Comprehensive Code 3431
Headache	Headaches are a common condition leading to a constant ache either on both sides of the head or behind the eyes. Pain may vary from severity, duration, and frequency and may be alleviated with rest and medication. Headaches may be tension, migraines, cluster, and hormone sources.	Pain in the head, nausea, muscle aches and pains, tight band across the head, pain around the eye	Male/Female Hormones	Allergy Panel - IgG General Foods Code 3206	Adrenocortex Stress and Female Basic Code 1010
Heart Health	Heart or cardiovascular health dysfunction can be associated with angina, coronary artery disease, mitral valve problems, high blood pressure, hypercholesterolemia or heart disease. Heart conditions are the leading cause of surgery and death.	Suffocation or restriction, tension in jaw, neck or face, dizziness chest pain, heartburn	Cardiovascular Profile Code 4027	Omega 3 Index Code 5029	
Heartburn	Heartburn is a common gastrointestinal reflux disease (GORD) where acid from the stomach leaks up into the oesophagus. Complications of GORD may include ulcers in the oesophagus, scarring or narrowing of the oesophagus, or changes in the cell lining of the oesophagus (Barrett's oesophagus).	Unpleasant taste in the back of the mouth, gastric reflux, burning sensation or heartburn, esophagitis, bad breath, bloating or belching, difficulty swallowing	Complete Microbiome Mapping Code 2206 or CDSA Testing	CDSA Level 3+ Code 2006	LDL Subfractions Code 4028
Heavy Periods	Heavy periods or menorrhagia is a condition of heavy bleeding during a menstrual cycle in a woman. Menorrhagia may be associated with PCOS, pelvic inflammatory disease, fibroids, endometriosis, underactive thyroid or cancer in the womb.	Painful periods, anaemia, heavy bleeding, pelvic pain	Female Hormone Profile - Basic Code 1005	Female Cycle (28 Day) Hormone Profile Code 1004	Estrogen Metabolites Code 1308
Helicobacter	Helicobacter pylori is a bacterial infection of the digestive tract which attacks the stomach lining and are responsible for ulcers in the stomach and small intestine.	Peptic ulcers, gastritis, burping and belching, bloating, nausea vomiting, loss of appetite or anorexia,unexplained weight loss, foul breath	Helicobacter pylori Antigen (Faecal) Code 2010	Complete Microbiome Mapping Code 2206 or CDSA Testing	





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
High Cholesterol	Elevated cholesterol or hypercholesterolemia is a condition of excessively high levels of lipids in the blood. Cholesterol predominantly in the form of LDL and HDL carried in the blood by lipoproteins. Contributing factors associated with hypercholesterolemia may include smoking, diabetes, high blood pressure, or heart disease.	Arteriosclerosis, heart disease, fatigue, chest pain, blood coagulation problems	Cardiovacular Profile Code 4027	LIPOSCREEN LDL- Subfractions Code 4028	Adrenocortex Stress Profile Basic Code 1001
Hirsutism (Excess Body Hair)	Hirsutism is excessive hair growth in certain parts of the body such as face, neck, chest or lower back. Hirsutism may be associated with hormonal dysregulation, acne, period irregularity, PCOS, questions syndrome, or obesity or the use of anabolic steroids.	Excessive hair growth, acne	Female Hormone Profile - Extensive Code 1006	Male Hormone Profile - Extensive Code 1008	Adrenocortex Stress and Female Basic Code 1010
Hypertension	Hypertension or high blood pressure increases the risk of cardiovascular events and is often asymptomatic. Blood pressure is recorded as systolic, the force at which the heart pumps blood around the body and diastolic pressure, the resistance to the blood flow in blood vessels. High blood pressure can increase the risk of heart disease, stroke, kidney disease and vascular dementia.	Chest pain, dizzy spells, dull headaches, nosebleeds, pounding in the ears, neck or chest, difficulty breathing, confusion	Cardiovascular Profile Code 4027	Aldosterone/Renin Code 1101	
Hyperthyroidism	Hyperthyroidism is a condition of an overactive thyroid with thyroid gland produces too much thyroid hormone.	Nervousness, anxiety, irritability, mood swings, difficulty sleeping sensitivity to heat, swelling in the neck area, twitching or trembling, palpitations, weight loss	Thyroid profile(blood) Code 1114	Thyroid Co-Factors Code 1310	
Hypothyroidism	Hypothyroidism is a condition characterised by unusually low hormone production. It is when your thyroid gland becomes underactive and cannot produce enough hormones to regulate your metabolism. If your thyroid can't secrete enough hormones into your bloodstream, your body's metabolism slows down rapidly.	Tiredness, being sensitive to cold, weight gain, constipation, depression, slow movements and thoughts, muscle aches and weakness, muscle cramps	Thyroid Profile Extensive Code 1114	Selenium (Red Cell)	Thyroid Essential Cofactors Code 1310
IBD	Irritable bowel disease is a chronic inflammatory autoimmune condition of the gastrointestinal tract. IBD primarily includes ulcerative colitis and Crohn's disease both involving severe diarrhoea, pain and inflammation.	Pain and inflammation of the gut diarrhoea, fatigue, weight gain or weight loss, blood in the stool fever	Calprotectin (Faecal) Code 2001	Allergy Panel - IgG general Foods	Complete Microbiome Mapping Code 2206 or CDSA Testing
IBS	Irritable bowel syndrome is a common long-term condition of the gastrointestinal tract. It causes bouts of abdominal pain, bloating, diarrhoea or constipation. The prevalence of IBS is increasing possibly due to an improper diet or stress.	Abdominal pain, bloating, changes in bowel habits, excessive wind, mucus in the bowel, bowel urgency	Calprotectin (Faecal) Code 2001	Allergy Panel - IgG general Foods	Complete Microbiome Mapping Code 2206 or CDSA Testing





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Indigestion	Indigestion or dyspepsia is a condition of pain or discomfort felt in the stomach leading to heartburn. When acid moves from the stomach into the oesophagus, it creates a burning sensation behind the breastbone. Indigestion could be caused by a lack of stomach acid, acid reflux, medications, obesity, pregnancy, or bad diet.	Bloated, feeling sick, belching flatulence, regurgitating food or fluid from the stomach	Complete Microbiome Mapping Code 2206 or CDSA Testing	Pancreatic Elastase 1 (Faecal) Code 2014	Allergy Panel - IgG General Foods code 3206
Infertility	Infertility is associated with an inability to conceive which may be due to an imbalance of hormones both in the male and female. Common causes of infertility may include a lack of regular ovulation, blockage of fallopian tubes, endometriosis, low sperm count, or poor semen quality.	Normonal imbalance, thyroid imbalance, polycystic ovary syndrome, ovarian failure	Female Hormones Blood Code 1104	Female Cycle (28 Day) Hormone Profile Code 1004	Thyroid Hormone Profile Code 1114
Inflammatory Conditions	Inflammation is a self protection mechanism within the body aims to remove harmful stimuli, irritants, or pathogens to stimulate a healing process.Inflammation may be associated with pain, swelling or supurration. Acute inflammation starts rapidly and becomes severe, e.g. bronchitis, flu or meningitis. Chronic inflammation is usually long-term resulting from an autoimmune response to a self antigen where the immune system attacks healthy tissue. e.g. asthma, rheumatoid arthritis, peptic ulcer, sinusitis.	Pain, swelling and redness, heat	AA:EPA Code 5001 or Essential Fatty Acids Code 5011	Autoimmune Assessment - Comprehensive Code 3431	C-Reactive Protein or Ferritin
Insomnia	Insomnia is difficulty getting to sleep or staying asleep long enough to feel refreshed upon awakening. Persistent insomnia can have a significant impact on quality of life which can affect energy, moods, stress, and relationships. The underlying causes of insomnia is associated with stress and anxiety, poor sleeping environment, lifestyle factors, mental health issues, physical health conditions, and medication use.	Sleeplessness, disturbed sleep, fatigue, stress	Sleep Profile code 1009	Neurotransmitters, Extensive 4026	Adrenocortex Stress Profile 1001
Iron Deficiency	Iron deficiency anaemia is a condition of a lack of iron required to store and carry oxygen in red blood cells. Other types of anaemia can be caused by a lack of vitamin B12 or folate in the body. Iron deficiency anaemia may be caused by excessive bleeding in the stomach or intestine is, stomach and bowel cancer, or taking non-steroidal anti-inflammatory drugs. In women of reproductive age, heavy periods and pregnancy common causes of iron deficiency.	Fatigue, lethargy, shortness of breath, heart palpitations, dizziness, pale complexion, headaches	Iron Studies Code 6009	Vitamin B12 and Folate Code 6013	Faecal Occult Blood Code 2020
Joint Diseases	Joint pain and joint diseases while common in injury or arthritis. Pain can be confined to one joint, e.g. knee pain, inflammation of cartilage tissue, or acute joint pain as in gout. Causes of joint pain may include fracture, arthritis, tropical infections, cancer or haemophilia.	Joint tenderness, pain and stiffness, limited movement range, muscle weakness or pain	AA:EPA Code 5001	Omega 3 Index Code 5029	Autoimmune Assessment - Comprehensive Code 3431





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Leaky Gut	Leaky gut syndrome is associated with impaired intestinal permeability which may be caused by toxins or substances that have been absorbed into the bloodstream via a porous or leaky colon. Damage of the gastrointestinal lining and mucosal barrier impairs immune response and may manifest as severe conditions such as inflammatory bowel disease, gastrointestinal infections, and more complex health conditions such as cystic fibrosis, sepsis, and type I diabetes.	Gastrointestinal pain, food allergies, migraines, fatigue, inflammation	Intestinal Permeability Test or Zonulin	Complete Microbiome Mapping Code 2206 or CDSA Testing	Allergy Panel - IgG General Foods code 3206
Leukaemia	Leukaemia is a type of cancer that affects white blood cells which can present as acute myeloid leukaemia, chronic lymphocytic leukaemia or chronic myeloid leukaemia. All blood cells are produced in the bone marrow. In leukaemia, large numbers of white blood cells are released before they maturate as blast cells which are less effective at fighting infections.	Fatigue and breathlessness, repeated infections, nosebleeds night sweats, bone and joint pain, swollen lymph nodes, abdominal pain, a purple skin rash	FBE-Code 6002	ONCOTRACE Code 7006 or ONCONOMICS PLUS Code 7003	
Libido	Libido all desire for sexual activity may be impaired by a combination of both biological and personal factors. A lack of libido may be associated with hormonal imbalance, stress, performance anxiety, fatigue, stress, and depression, lack of exercise, trauma or sexual incompatibility.	Normonal imbalance, stress, anxiety, trauma	Female Hormone Profile - Basic Code 1005	Male Hormone Profile - Extensive Code 1008	Adrenocortex Basic Code 1001
Liver Cancer	Liver cancer whether primary or secondary can be associated with cirrhosis or damage and scarring of the liver. Damage to the liver could be caused by excessive alcohol use, hepatitis infections, haemochromatosis, and biliary cirrhosis.	Unintentional weight loss, loss of appetite, feeling full after eating, nausea and vomiting, pain and swelling in the abdomen, jaundice, itchy skin, fatigue	ONCOTRACE Code 7006 or ONCONOMICS PLUS Code 7003	Alpha Feto Protein (AFP) Code 6106	Liver Function Test Code 6004
Liver Dysfunction	The liver is responsible for fighting infections, removing toxins, clotting of blood, controlling cholesterol, and releasing bile. Liver diseases can lead to cirrhosis or scarring of the liver.	Vomiting, pain under right rib cage, yellowing of skin	Liver Function Profile Code 6004	Organix Comprehensive Code 4041	Detoxigenomic Profile Code 8003
Low Stamina	A lack of stamina is the inability to maintain endurance and remain active for a long period of time. Depleted stamina may result from a poor immunity, inability to recover from trauma or infections resulting in prolonged fatigue.	Fatigue, exhaustion, poor immunity, recurrent infections	Adrenocortex Extensive Code 1002	Thyroid Hormone Profile Code 1114	Neurotransmitters, Extensive Code 4026
Lung Cancer	Lung cancer is cancer of the lungs which can be classified into the non-small cell lung cancer, a common type of cancer that can be either squamous cell carcinoma, adenocarcinoma or large cell carcinoma; all small cell lung cancer that usually spreads faster.	Persistent cough, coughing up blood, short of breath, unexplained fatigue and weight loss, aches and pains when breathing or coughing	ONCOTRACE Code 7006 or ONCONOMICS PLUS Code 7003		





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Lupus	Lupus or systemic lupus erythematosus (SLE) affects the skin and energy. Flare ups of lupus can be distressing as it affects quality of life.	Extreme fatigue, joint pain, swelling of joints, skin rashes particularly on face, wrists and hands, swollen lymph glands, recurring mouth ulcers	Vitamin D Code 1115	Autoimmune Assessment - Comprehensive Code 3431	
Lyme disease	Lyme disease, or Lyme Borreliosis is a bacterial infection spread by infected tics. Tics are spiderlike creatures that feed on blood of birds and mammals including humans.	Circular rash at the site of tick bite, flu-like symptoms, fatigue chills, headaches, joint pain	HLADQ/DR Code 3401	PaLDiSPOT code 7015	
Melanoma	Melanoma is a skin cancer that spreads to other organ systems in the body. Superficial spreading melanomas are most common. Other types of melanomas are nodular, acral lentininous, nodular, or amelanotic.	Mole change in size, shape or colour, itchy or crusty moles, change in vision in melanoma of the eye	ONCOTRACE Code 7006 or ONCONOMICS PLUS Code 7003	ONCOTRAIL MELANOMA Code 7007	
Menopause	Menopause is a state of no menstrual periods for two years in women. Menopause occurs between age 45 and 55 in most women as her oestrogen levels decline. It is likely to see low levels of progesterone and male hormones as one ages.	Hot flushes, night sweats, vaginal dryness, insomnia, low mood or anxiety, low libido, impaired memory and concentration	Adrenocortex +Female Hormones Code 1010	Thyroid Profile Extensive Code 1114 Code 1010	Advanced Hormones Dried Urine Code 1501
Menorrhagia	Menorrhagia is a state of excessive blood loss during a menstrual period. Heavy bleeding may be due to underlying causative factors such as polycystic ovarian syndrome, irregular periods, pelvic inflammatory disease, fibroids, endometriosis, hypothyroidism, or the use of an intrauterine device.	Heavy bleeding, period pain, fatigue, dizziness, iron deficiency	Advanced Hormones Dried Urine Code 1501	Adrenocortex Stress and Female Basic	Thyroid Profile Extensive Code 1114
Metal Toxicity	Heavy metal toxicity is becoming a serious medical health issue due to industrialisation and exposure of heavy metals. Metals that have known toxicity affecting many biochemical process may include exposures to lead, mercury, cadmium and arsenic. Exposures may occur through diet, medication, environment or work.	Nausea, vomiting, diarrhoea, abdominal pain, heart problems, mental health disturbances, autism or add anaemia	Pre Chelation Metals Challenge Code 5022	Hair Mineral Analysis Code 5014	Red Cell Metals Code 5026
Methylation	Methylation ease and epigenetic mechanisms by used by cells to control gene expression. Methylation is a vital metabolic process that happens in each cell for life sustenance. Methylation is necessary for infection control, making chemicals and neurotransmitters next in the body protects the tags or telomeres on the genes.	Depression, anxiety, infertility, hair loss, anaemia, memory loss, hypothyroidism, cardiovascular disease	Methylation Profile Code 5101	Advanced Methylation Genes Code 8009	
Migraine	Migraines are moderate or severe headaches felt as a throbbing pain on one side of the head. Migraines can be associated with auras, flashing lights or no auras. Migraines can be caused by hormonal imbalance, stress, fatigue or certain dietary changes.	Nausea, vomiting, increase sensitivity to light and sound, concentration abdominal pain, diarrhoea, headache numbness or tingling	Adrenocortex Basic Code 1001	Allergy Panel - IgG General Foods Code 3206	Female Hormone Profile Saliva Code 1005





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Mood Swings	Mood imbalances are associated with stress, anxiety or depression affecting Gen emotional well-being. Moods can be triggered by hormonal changes, neurotransmitter imbalances, genetics, or mental health disturbances.	Stress, anxiety, depression, anger or irritability, emotional outbursts, aggression	Neurotransmitters, Extensive Code 4035	Pfeiffer Profile Code 3415	Kryptopyrroles Code 4011
Muscle Weakness	Muscle pain or myalgia refers to pain in the muscle tissue which may arise due to injury, overexertion, infections or inflammation. Muscle pain is the hallmark of chronic conditions like fibromyalgia and chronic fatigue syndrome.	Muscle pain, tenderness, muscle spasms, stiffness and swelling	Organix Comprehensive Code 4041	Amino Acids Code 5004	Adrenocortex Basic Code 1001
Nausea	Nausea and vomiting is an unpleasant reaction leading to emesis from the stomach. Nausea may be associated with pregnancy as in morning sickness, side effects of drugs, or chronic health conditions.	Nausea, vomiting, belching, indigestion, gastric burning sensation, oesophageal reflux	Complete Microbiome Mapping Code 2206 or CDSA Testing	Allergy Panel - IgG General Foods code 3206	
Obesity	Obesity or weight gain correlates with increased BMI, body mass index. BMI is used to diagnose obesity which is associated with type II diabetes, heart disease, stroke, or cancer. Obesity may be caused by poor diet choices, underactive thyroid, lack of exercise, poor lifestyle or genetics.	Weight gain, fatigue. impaired mobility, mental health disturbances	Extensive Neurotransmitter Code 4026	ALCAT 200 Foods Code 3304	Thyroid Profile Extensive Code 1114
Osteoporosis	Osteoporosis is a condition that weakens bones making them fragile and porous. Osteoporosis affects the aged, women during menopause, long-term corticosteroid use, family history, and smokers.	Bone pain, menopause, osteoarthritis, weakness, muscle pain	Osteoporosis Markers (N-Telopeptides) Code 1218	Calcium -serum	Vitamin D Code 1115
Ovarian Cancer	Cancer of the ovaries or ovarian cancer affects women predominantly at menopause. Ovarian cancer may have a genetic link and can be classified as epithelial, germ cell, or borderline tumours.	Increased abdominal size, persistent bloating, pelvic and abdominal pain, difficulty eating and feeling for quickly, back pain	ONCOTRACE Code 7006 or ONCONOMICS PLUS Code 7003	CA 125 Code 6108	Advanced Hormones Dried Urine Code 1501
Ovarian Cysts	Ovarian cysts are fluid-filled fax that develop on a women's ovary. Ovarian cysts may affect both ovaries and can cause severe pain when they rupture or block blood supply to the ovaries.	Pelvic pain, heavy periods irregular Menzies, painful intercourse, difficulty emptying bowels, increased frequency of urination, feeling full after eating difficulty with conception	Female Hormone Profile - Basic Code 1005	Estrogen Metabolites Code 1308	Advanced Hormones Dried Urine Code 1501
Pancreatic Cancer	Pancreatic cancer, one of the most serious forms of cancer, is associated with abnormal growth of pancreatic cells. The first notable signs of pancreatic cancer are pain in the back or stomach, rapid unexpected weight loss, and jaundice.	Unexpected weight loss, back or stomach pain, jaundice nausea and vomiting, indigestion	ONCOTRACE Code 7006 or ONCONOMICS PLUS Code 7003	CA 19-9 Code 6110	Pancreatic Elastase Code 2014





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Parasites	Parasitic infections is an infectious disease transmitted by parasites caused predominantly by organisms protozoa, helminths, and ectoparasites. Malaria is one of the deadliest parasitic infections found predominantly in tropical regions. Other common parasitic infections are giardiasis, trichomoniasis, toxoplasmosis, or cryptosporidiosis.	Itching, redness, irritation, diarrhoea, upset stomach, greasy stools, dehydration, weight loss, stomach pain, muscle aches and pains, swollen lymph nodes		Complete Microbiome Mapping Code 2206 or CDSA Testing	
PCOS	Polycystic ovary syndrome (PCOS) is a condition of proliferation of ovarian cells and is associated with irregular periods, excess androgen hormones, insulin resistance and an imbalance of female hormones. PCOS can present as irregular periods, amenorrhoea, hirsutism, hair loss, weight gain or acne.	Irregular periods, amenorrhoea, difficulty getting pregnant, excessive hair growth, weight gain, hair loss from the head, oily skin or acne	Female Hormone Profile - Basic Code 1005	Estrogen Metabolites Code 1308	Insulin Resistance Index Code 1109
Premenopausal	Premenopausal, perimenopause or menopause is a transition in a woman when the ovaries gradually make less oestrogen and stop releasing eggs. Symptoms of premenopausal may vary in intensity from heavy to no periods or varying frequencies of periods.	Hot flashes, breast tenderness, Worse premenstrual syndrome, lower sex drive, fatigue, Irregular periods, vaginal dryness, idscomfort during sex, urine leakage when coughing or sneezing	Adrenocortex +Female Hormones Code 1010	Thyroid Profile Extensive Code 1114	Advanced Hormones Dried Urine Code 1501
Premenstrual Syndrome	Premenstrual syndrome (PMS) occurs in menstruating women particularly in the luteal phase of their cycle. An imbalance of hormones is associated with PMS and associated mood changes.	Bloating, breast pain, mood swings and irritability, lack of libido, pain in the abdominal area, back pain, headaches, irregular bowel movement	Female Hormone Profile - Basic Code 1005	Adrenocortex Stress Profile Code 1001	Advanced Hormones Dried Urine Code 1501
Prostate Cancer	Prostate cancer affects the ageing male and is associated with enlargement of the prostate gland (benign prostatic hyperplasia) and may be asymptomatic. Prostate cancer progresses slowly and can affect erectile function, urine flow and moods.	Urinary incontinence, increased frequency of urination, erectile dysfunction, anxiety, depression urinary hesitation	ONCOTRACE Code 7006 or ONCONOMICS PLUS Code 7003	ONCOTRAIL Prostate Code 7007	Prostate Specific Antigen (PSA) Code 6112
Prostate Enlargement	Benign prostatic hyperplasia (BPH) affects the ageing male and is associated with enlargement of the prostate gland. Enlargement of the prostate gland applies pressure on the bladder leading to difficulty in urination and hormonal imbalance. BPH if left untreated can lead to complications such as bladder stones, bladder infections or kidney damage.	Difficulty in urination, increased frequency of urination, changes in urinary urge, urinary incontinence, blood in the urine	Male Hormone Profile - Extensive Code 1008	Prostate Specific Antigen (PSA) Code 6112	ONCOTRACE Code 7006
Psoriasis	Psoriasis is a skin condition that is presented as red, flaky, silvery crusty patches predominantly on elbows, knees, scalp, lower back and ears. Psoriasis is a condition of increased production of skin cells, often genetic roots, affecting the immune system. There are several types of psoriasis: plaque psoriasis the most common form, scalp, nail, guttate, inverse or pustular.	Itching, soreness, joint pain, nail pits or dense infections	Allergy Panel - IgG General Foods	ALCAT Intolerance Test Code 3304	Complete Microbiome Mapping Code 2206 or CDSA Testing





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Rashes	Skin rashes or dermatitis are common in children exposed to diseases such as cellulitis, chickenpox, eczema, impetigo, measles, prickly heat, scabies, ring worm or slapped cheek syndrome. Rashes can vary in presentation, severity and duration depending on the cause.	Itching, swelling, pain, redness, pustular sores, infections	Allergy Panel - IgG General Foods	ALCAT Intolerance Test code 3304	Complete Microbiome Mapping Code 2206 or CDSA Testing
Reflux	Gastro-oesophageal reflux disease (GORD) is a common gastrointestinal condition where acid from the stomach leaks up into the oesophagus. Oesophageal muscles weaken which causes unpleasant symptoms in the upper GI tract. Reflux occurs predominantly in adults, babies in the form of colic and heartburn in pregnancy.	Heartburn, acid reflux, oesophagitis, bad breath, nausea, difficulty swallowing, bloating, belching	Complete Microbiome Mapping Code 2206 or CDSA Testing	H.Pylori code 2010 (covered In Complete Microbiome Mapping)	
Rheumatoid Arthritis	Rheumatoid arthritis (RA) is a long-term inflammatory condition affecting joints. RA is an autoimmune disease affecting the immune system and may lead to or increase the risk of complications such as carpal tunnel syndrome, inflammation of other areas of the body, or heart attacks.	Joint pain, swelling and stiffness, inflammation and redness of joints, dry eyes, fever, chest pain fatigue	Rheumatoid Factor (RF) Code 6104	AA: EPA Code 5001	Cytokine Profile Code 4004
Rosacea	Rosacea is a long-term skin condition affecting the face leading to episodes of flushing and redness. Rosaceae may be associated with lupus or menopause and can be aggravated by alcohol, caffeine, stress, sun exposure, spicy foods and strenuous exercise.	Flushing, persistent facial redness, visible blood vessels, thickened skin, pustules or papules, burning, itching, stinging skin, dry rough skin, facial swelling	Female Hormone Profile code 1005	Allergy Panel - IgG General Foods Code 3206	
Sarcoma	Sarcomas or bone cancers can present as a Ewing, a rare form of bone cancer or soft tissue cancer. Kaposi sarcoma is a cancer caused by a virus such as HIV. Soft tissue sarcoma is affect tissues that connect or surround other body structures or organs including tendons and ligaments. Each type of sarcoma has its own aetiology, symptom and treatment regime.	Pain in the affected area, swelling and tenderness, fever fatigue, weight loss, coughing up blood, chest pain, lymphoedema		ONCOTRAIL Sarcoma Code 7007	
Sarcoidosis	Sarcoidosis is an inflammatory condition that causes swelling and redness of tissue called granuloma is to develop in lungs and skin predominantly. Sarcoidosis affects the immune system presenting as inflammatory conditions such as rheumatoid arthritis or lupus.	Red bumps on the skin, shortness of breath, persistent cough, swollen glands, painful joints, abnormal heart rhythm	AA:EPA Code 5001		
Seasonal Affective Disorder (SAD)	Seasonal Affective Disorder (SAD) is a type of depression that manifests in dark winter months. A lack of sunlight affects the production of melatonin, serotonin and disturbs circadian rhythms which can lead to symptoms of SAD.	Low mood, irritability, lethargy, sleeping for longer periods of time, carbohydrate cravings, loss of interest in daily activities	Neurotransmitters, Extensive Code 4026	Mauve Factor (formerly Kryptopyrroles) Code 4011	Histamine Metabolism Profile Code 4006





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Sexual Dysfunction	Sexual dysfunction is associated with hormonal imbalance which can lead to conditions affecting the vagina and penis. Sexually transmitted diseases, fertility and hormonal imbalances through various phases of one's life may manifest as sexual dysfunction which can be easily treated.	Normonal imbalance, infertility infections, symptoms of PMS, symptoms of menopause, symptoms of andropause	Female Hormone Profile Code 1005	Male Hormone Profile - Extensive Code 1008	Adrenocortex Profile Code 1001
Sleep Apnoea	Obstructive sleep apnoea (OSA) is a common condition affecting narrowing of the throat during sleep which interrupts normal breathing. OSA may be classified as apnoea, we muscles and soft tissues to cause blockage of the airway, or hypopnoea, partial blockage of the airway resulting in airflow reduction.	Snoring, noisy and laboured breath, gasping or snorting, night sweats, fatigue	Sleep Profile Code 1009	Neurotransmitters, Extensive Code 4026	Adrenocortex Code 1001
Stomach Ache	Stomach ache is a general condition of discomfort of the gastrointestinal tract which may present as bloating, indigestion or change of bowel habits. Restoration of gastrointestinal flora and the micro biome may be useful in addressing stomach ache.	Constipation, diarrhoea, nausea, vomiting, flatulence, dehydration	Complete Microbiome Mapping Code 2206 or CDSA Testing	Allergy Panel - IgG General Foods Code 3206	Intestinal Permeability Test Code 2011
Stress	Stress is managed by stress hormone, cortisol released from the adrenal glands. Adrenal dysfunction is associated with an imbalance of cortisol and DHEA which leads to stress and fatigue. Stress impacts the body mentally and physically and may be a contributing factor in complex chronic conditions.	Fatigue, Burnout, grinding teeth, weight gain, mood changes, hair loss, gastrointestinal disturbances or immune system	Adrenocortex Stress Profile Code 1001	Advanced Hormones Dried Urine Code 1501	Organix Comprehensive Code 4041
Stroke	A stroke is a serious life-threatening condition which occurs when the blood supply to the brain is cut-off. Strokes are considered a medical emergency and urgent treatment is essential. Blood supply to the brain may be restricted which can lead to brain injury or disability. Two types of strokes are ischaemic, where blood supply is stopped due to a blood clot, or haemorrhagic, where a weakened blood vessel supplying the brain bursts.	Dropping of one side of the face inability to lift an arm, numbness slurred speech	Cardiovascular Profile Code 4027		
Temper	The state of mind in terms of being happy, calm, angry or sad determines the temper. Ongoing temper issues may be associated with neurotransmitter imbalances or adrenal dysfunction.	Anger, aggression, sadness, moody, fatigued, manic, irrational	Neurotransmitters, Extensive Code 4026	Pfeiffer Profile Code 3415 or 3416	My Mental Health DNA Profile Code 8012
Thrombosis	Venous thromboembolism (VTE) is a serious potentially fatal medical condition where a blood clot is the major contributing factor. VTE may refer to deep vein thrombosis (DVT) where a blood clot lodges in a major vein, usually in the leg, or pulmonary embolism, where a blood clot affects blood flow from the heart to the lungs.	Pain, inflammation, pulmonary obstruction, dehydration, antiphospholipid syndrome	Cardiovascular Profile Code 4027	MTHFR Code 5018	





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Thrush	Thrush is an uncomfortable fungal infestation occurring in males and females. The giant all thrush is common in females which may be associated with the vaginal discharge, sexually transmitted infections genital herpes and particularly common in pregnancy. Fungal infections of the mouth also known as oral candidiasis is known as oral thrush commonly seen in babies and adults alike.	White patches or plaques on the tongue, loss of or unpleasant taste, redness inside mouth and throat, painful burning sensation in mouth or vagina, vaginal discharge, pain during sex, stinging sensation with urination	Candida Antibodies/Antigen (Serum) Code 3002	Complete Microbiome Mapping Code 2206 or CDSA Testing	
Thyroid Conditions	The thyroid gland, a small butterfly-shaped gland in the neck is responsible for thermal regulation, and production of essential hormones to regulate the body's metabolism. Common thyroid conditions involving an imbalance of thyroid hormones are hypothyroidism or underactive thyroid, hypothyroidism or overactive thyroid, or autoimmune thyroid diseases. Symptoms of thyroid dysfunction may vary depending on the underlying cause.	Fatigue, weight gain or loss, depression, sensitivity to cold or heat, dry skin, palpitations, muscle aches, adrenal dysfunction	Thyroid Profile Extensive Code 1114	Thyroid Co-Factors 1310	Calcitonin -Serum (if suspecting thyroid cancer)
Tinnitus	Tinnitus or ringing in the ears may be debilitating and can affect moods and sleep. Tinnitus is associated with age-related hearing loss, in a year damage, earwax build-up, vertigo, minis disease, or otosclerosis.	Buzzing, humming, grinding, hissing, whistling sounds	Adrenocortex Code 1001		
Toxin Exposure	Toxic exposure poisonous substances that affect health. Toxins may be derived from internal sources such as microbial infection, food additives or preservatives, water, drugs, cosmetics and personal care products; or external sources such as pollution, pesticides, cigarette smoking, or heavy metal exposure.	Mental health disturbances, gastrointestinal dysfunction, hormonal imbalance, immune irregularities	Heavy Metals Code 5020	Hair Mineral Analysis Code 5014	Environmental Pollutants Code 4014
Ulcers	Ulceration whether it be venous ulceration or gastric ulceration of chronic saws that develop internally or externally and may take a prolonged period of time to heal. Health conditions such as osteoarthritis, obesity, paralysis, diabetes may predispose towards ulceration. Gastric ulceration commonly known as a stomach ulcer may be associated with indigestion, heartburn, ulcerative colitis.	Oedema, discolouration or darkening of the skin around the ulcer, aching and swelling of the legs, enlarged varicose veins, discharge from the sore, vomiting blood, passing dark stool, sharp pains in the stomach	Complete Microbiome Mapping Code 2206 or CDSA Testing	H.Pylori Code 2010	
Urinary Tract Infections	Urinary tract infections (UTIs) are microbial infections of the bladder, kidneys or glomerulus. Kidney stones, contraceptive diaphragms, condoms, diabetes, chemotherapy, HIV, urinary catheter, or enlarged prostate gland may increase the risk of getting a UTI.	Increased frequency of urination, pain with urination, increased urgency of urination, feelings of incomplete emptying of bladder, lower back pain, cloudy foul smelling urine, fatigue and flulike symptoms	·		





Condition	General Explanation	Associated Symptoms	Relevant Test 1	Relevant Test 2	Relevant Test 3
Uterine Fibroids	Fibroids on noncancerous growth that develop in or around the uterus. The growth of fibroids linked to hormonal imbalance particularly prevalent in women of fertile age. Fibroids may be intramural, subserosal, or submucosal based on location of fibroids growth within the womb.	Heavy periods, painful periods, abdominal pain, lower back pain, increased frequency of urination, constipation, pain during intercourse	Estrogen Metabolites Code 1308	Female Hormone Profile - Basic Code 1005	Code 1501 Advanced Hormones Dried Urine
Vaginitis	Vaginitis is an inflammatory condition of the vagina caused by thrush, bacterial infection, trichmoniasis, STI infections, chlamydia, genital herpes or virginal atrophy postmenopausally.	Abnormal vaginal discharge, irritation or itching, painful intercourse, bleeding or spotting, painful urination, Strong unpleasant smell	Vaginal Microbiome Profile		
Vomiting Blood	Vomiting blood or hematemesis, may be a serious medical condition due to stomach ulceration, gastritis, severe gastro-oesophageal reflux disease (GORD), swallowing poisons, a blood condition, or cancer of the oesophagus or stomach.	Vomiting bright red blood, gastrointestinal pain, nosebleeds, coughing up blood	Complete Microbiome Mapping Code 2206 or CDSA Testing	CDSA Level 3+ Code 2006	Advanced Hormones Dried Urine Code 1501
Weight Gain/Loss	Weight gain is a common condition associated with obesity has become a major medical condition managed by various dietary adjustments and weight loss programs. Weight gain may also be associated with health conditions such as hypothyroidism, PCOS, kidney disease, depression, or Cushing's syndrome. Severe weight loss may be associated with cancer, viral infection, gastroenteritis, parasitic infestation, depression, bowel diseases, malnourishment or overactive thyroid.	Weight gain, obesity, weight loss muscle wasting, fatigue	Thyroid Profile Extensive Code 1114	Adrenocortex Basic 1001	My Comprehensive DNA Wellness Profile Code 8011

