

## Optional Health Examination Items (DUN-NAN)

We aim to provide a comprehensive and customized health examination program to perfect the health services.  
The optional health examination items are only appendices to health examination programs, independent service is not available.

Categories	Items	Descriptions	Fees
Cardiovascular and Metabolic System	2-D ECHO of Heart	Cardiac output assessment and screening of heart valve stenosis, prolapse or regurgitation.	\$3,500
	Extra-Cranial Carotid dopplar scan	Cerebral blood flow assessment for the screening of carotid artery sclerosis or stenosis.	\$2,000
	24 Hours Continuous ECG Scan	Early detection of asymptomatic and paroxysmal arrhythmias.	\$4,200
	7 Days Continuous ECG Scan	Early detection of asymptomatic and paroxysmal arrhythmias.	\$8,800
	Assessment of Atherosclerosis	Pulse wave velocity assessment in all four extremities for the screening of systemic arterial sclerosis or stenosis.	\$1,200
	Whole body Fat, DXA method	The use of "Dual energy X-ray absorptiometry (DEXA)" for systemic body fat distribution analysis.	\$1,200
	Thyroid ECHO	Ultrasound screening of goiter or thyroid neoplasm.	\$1,500
	high-sensitivity C-reactive protein	one of the markers of inflammation in the body.	\$300
	Homocysteine	Risk assessment for cardiovascular diseases.	\$800
	NT-ProBNP	Risk assessment for cardiovascular diseases.	\$1,800
	Cortisol	The balancing relationship among stress hormones in response to the body's encounter with stress.	\$500
	DHEA-S		\$500
Digestive System	Panendoscopy	The use of "narrow band endoscopy imaging (NBI)", CO2 insufflation and customized anaesthesia for esophagus, stomach and duodenum assessments, including inflammation, ulcers, polyps, tumors or hemorrhoids.	\$3,500
	Colonfibroscopy ※including low-fiber diet	The use of "narrow band endoscopy imaging (NBI)", CO2 insufflation and customized anaesthesia for entire large intestine, sigmoid colon, and rectal assessments, including inflammation, ulcers, polyps, tumors or hemorrhoids. ※ Low residue diet is helpful to shorten dietary control preparation period for colonoscopy, and also greatly increases the convenience for colonoscopy diet control.	\$6,500
	Anesthesia	Intravenous anesthesia to alleviate the discomfort caused by endoscopy	Single part NT\$4,000 Dual parts NT\$5,800
	Fecal probiotics analysis with Nutrition consultation	The gut microbiome is critical to human health, not only the gastrointestinal system but also the immunity and other organs. By testing specific probiotics, you will be able to gain an initial insight of the intestinal microenvironment. You may be further advised to consider additional nutritional counseling and improve the gastrointestinal system through dietary adjustments.	\$5,000
	Upper Abdominal Sonography	A sonography for screening liver, gallbladder, pancreas, spleen and kidney diseases, including stones, tumors, liver cirrhosis, fatty liver or structural anomalies.	\$1,500
	13C-urea breath test for H. pylori	Check for H. pylori infection in the stomach.	\$1,500
	Anti-HCV	Presence of hepatitis C infection, and whether the individual is a carrier.	\$450
	Anti HAV IgG	Whether there has been a past infection with Hepatitis A, and assess whether vaccination against Hepatitis A is needed.	\$350

Categories	Items	Descriptions	Fees
Hematology	Blood Type + Rhesus Factor	Test for blood type and Rh factor.	\$190
	Hb Electrophoresis	Screening for thalassemia (Mediterranean-type anemia).	\$300
	Serum iron & TIBC	Diagnosis reference for the cause of anemia.	\$300
	Ferritin	Diagnosis reference for the cause of anemia.	\$400
Tumor Biomarker	NSE	A diagnostic marker for small cell lung cancer.	\$1,000
	CA19-9	A diagnostic marker for pancreatic cancer or bile duct cancer.	\$600
	PSA	A diagnostic marker for prostate cancer.	\$500
	PSA Free PSA Free/Total PSA	A diagnostic marker for prostate cancer.	\$1,100
	CA 125	A diagnostic marker for ovarian cancer or endometrial cancer.	\$600
	HE4	A diagnostic marker for ovarian cancer.	\$1,200
	CA15-3	A diagnostic marker for breast cancer.	\$600
	E-B VCA IgA Antibody	A diagnostic marker for nasopharyngeal cancer.	\$500
Female medicine	Thin PREP Pap smear	A thin Prep cytological test (TCT) for the screening of cervical cancer	\$1,500
	Human papilloma virus test	A test of human pallilomavirus (HPV) for the screening of cervical cancer risks.	\$2,200
	Gynecology Echo	Vaginal examination and history taking by an gynecologist.	\$1,000
	Breast ECHO	Screening breast disease like tumor,or cysts.	\$2,000
	3D Tomosynthesis	Taking multi-angle images of the breasts and using computer reconstruction can more accurately distinguish real lesions from overlapping and uneven breast tissue, improving the accuracy of interpretation. It is recommended for women over 40 years old to undergo this examination.	\$4,500
Male Medicine	Semen Analysis ※will be examined at Cathay General Hospital	Assessing sperm count and motility.	\$1,200
	Testosterone	A male sex hormone and an indicator for male sexual functions or the efficacy of prostate cancer therapy.	\$600
Neurology	Heart Rate Variability	Indicators for autonomic and parasympathetic nervous system activities, functional indices and homeostasis to determine your emotions or stress condition.	\$1,400
Skeletal System	C-spine X-Ray : hyperflexion & hypertension	To detect abnormalities in cervical spines, including spurs, spondylolisthesis or intervertebral stenosis.	\$900
	KUB & LS Spine Lateral View	The screening of bowel obstruction, gallstones,urinary stone or lumbar/pelvic/hip diseases.	\$800
	Left Hip,BMD	The use of "dual-energy X-ray absorptiometry (DEXA)" for key points bone mass measurement to screen bone mass reduction or osteoporosis.	(single-site)\$1000
	Right Hip,BMD		(Dual-site)\$1800
	Lumbar Spine,BMD		(Triple-site)\$2500
	N-MID Osteocalcin	It can be used to monitor the osteogenesis function and evaluate the bone replacement rate. The low concentration may mean that the rate of bone formation is too slow; High concentration indicates that the rate of bone replacement is too fast, which may be a precursor of osteoporosis.	\$700

Categories	Items	Descriptions	Fees
Rheumatology and Immunology	RA factor	Assessment of rheumatoid arthritis factors	\$300
	ANA	Screening related to autoimmune conditions.	\$500
	Total IgE	Assessing for the presence of allergies.	\$400
Infection	Anti-HIV	Preliminary screening for HIV infection.	\$400
	Serologic Test for Syphilis, STS	Preliminary screening for syphilis infection.	\$100
	Varicella-zoster IgG	Assessing the presence of varicella antibodies to determine the need for vaccination.	\$350
	Rubella IgG)	Understanding the presence of measles antibodies to assess the need for vaccination.	\$300
Eye examination	OPH Examination	A funduscopy and slit lamp exam conducted by an ophthalmologist to examine eye structures (including cornea, anterior chamber, pupil, lens, retina, and optic nerve)	\$900
	Optical Coherence Tomography	Check macular degeneration, retinopathy, and optic neuropathy.	\$1,500
ENT Examination	Pure Tone Audiometry 500~8000Hz	An hearing test using a precision instrument in a confined space. (500, 1000, 2000, 3000, 4000, 6000 or 8000Hz)	\$600
Nutrient & Mineral	Vitamin A	As a fat-soluble vitamin related to visual function, an assessment is conducted to determine if there is any deficiency.	\$1,000
	25-OH Vitamin D,Total	One kind of fat-soluble vitamin lipovitamin used for in vivo calcium and phosphrous homeostasis.	\$800
	Vitamin E	As a fat-soluble vitamin and an antioxidant, it protects cell membranes, including preventing damage from free radicals. An assessment is conducted to determine if there is any deficiency.	\$1,000
	Vitamin B12	Also known as cobalamin, it can assist the metabolism of crbohydrate, protein and fat; maintain the normal function of the nervous system, promote the formation and regeneration of red blood cells, prevent anemia, and reduce the risk factor of vascular sclerosis homocysteine.	\$600
	Folic acid	The relationship between folic acid and vitamin B12 is very close, as they are key substances in the hematopoietic system, earning them the designation of hematopoietic vitamins. They are essential elements for the synthesis of red blood cells in the bone marrow, playing a crucial role in cell division. Additionally, they can reduce the risk factors for atherosclerosis, such as homocysteine.	\$600
	CoQ10	Provide nutrients for cellular energy and antioxidants.	\$800
Consultation	Nutrition Consultation	A one-on-one consultation with a professional dietitian for the provision of dietary education as well as recommendation based on individual physical status.	\$1,200
Functional Medicine	Cardiovascular Risk Factors Analysis	In-depth understanding of various indicators related to cardiovascular health and metabolic syndrome, including lipid metabolism, vascular integrity, chronic inflammatory factors, oxidative stress, and glucose metabolism, can provide a comprehensive assessment of cardiovascular health and metabolic syndrome.	\$5,500
	Essential Vitamins And Minerals Analysis	Analyze antioxidant vitamins in the blood, maintain bone-nourishing nutrients, and essential minerals for hematopoiesis. Strengthening these through exercise, dietary adjustments, and nutritional supplements can help prevent cardiovascular diseases and maintain bone and hematopoietic functions.	\$6,000

Categories	Items	Descriptions	Fees
Functional Medicine	Stress Hormone Analysis	Measure concentrations of stress-related adrenal hormones and their metabolites to assess the body's response to stress, the presence of chronic fatigue, and risk factors for hypertension and immune dysfunction.	\$6,500
	Male Sex Hormone Analysis	Measure hormones and their metabolites related to the testes, pituitary gland, and adrenal glands in men. Analyze factors affecting male sexual function, libido, fertility, as well as their impact on cardiovascular health, cognitive-emotional aspects, hair loss, and the risk of prostate enlargement.	\$6,500
Genetic Testing	Common Cancer Genetic Testing Male / Female	Risk assessment for common cancer genes, including colorectal cancer, liver cancer, lung cancer, esophageal cancer, stomach cancer, pancreatic cancer, thyroid cancer, and for men: prostate cancer, nasopharyngeal cancer, and for women: breast cancer, ovarian cancer.	(Single)\$10,000 (Dual)\$15,000 (Triple)\$20,000
	Metabolism Genetic Testing	Risk assessment for stroke (including NOTCH3), atherosclerosis, primary hypertension, coronary artery calcification, type 2 diabetes, and hereditary hyperlipidemia.	
	Degradation Genetic Testing	Risk assessment for early-onset Alzheimer's, late-onset Alzheimer's, Lewy body dementia, and Parkinson's disease.	
Medical Imaging ※will be examined at Cathay General Hospital	Low Dose Lung CT	The best early screening tool for lung cancer! It can be used to specifically screen lung tumors, pneumonia, granuloma or fibrosis.	\$6,500
	Coronary Artery Calcium Scoring	It is used to check the level of coronary artery calcification and evaluating the risks of myocardial infarction.	\$6,500
	640 Slice : Cardiac 3D CTA ※Contrast injection is required	A non-invasive method to clearly demonstrate 3D images of coronary artery branches in order to screen off myocardial or coronary artery stiffness, stenosis or obstruction	\$25,000
	Specific-site MRI	Examine single-site lesions such as tumors, inflammatory changes, lesions due to injury, and degenerative conditions.	\$10,000
	Whole Spine MRI	Assessment of spinal stenosis, bone spurs, disc herniation, and spondylolisthesis, along with screening for spinal tumors.	\$19,800
	Head MRI and Brain & Neck MRA ※Contrast injection is required	A test for the screening of cerebrovascular stenosis, stiffness, obstruction, cerebrovascular anomalies, brain tumors, angioma, brain atrophy or brain parenchymal lesions	\$22,000
	Whole Body MRI + Low Dose Lung CT	A systemic checkup (brain, neck, lungs, upper abdomen, pelvis and the entire spine) for tumors, inflammation, lesions or degenerative diseases	\$42,000
	Whole Body MRI +Brain & Neck MRA+Low Dose Lung CT ※Contrast injection is required	A systemic checkup (brain, neck, lungs, upper abdomen, pelvis and the entire spine) for tumors, degenerative disc disease, cerebrovascular abnormalities or brain parenchymal lesions	\$48,000
	Whole Body PET/CT ※Contrast injection is required	A systemic screening of cancer to assess cancer stages and follow up cancer treatments	\$33,000

Notes:

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(2) Functional Medicine Items: After the report is completed, it is necessary to arrange for a "Functional Medicine Clinic" session. Minister Huang-Guang Chen from the Cathay Health Management Preventive Medicine Department will personally explain the results and provide relevant health education advice based on individual conditions.  
(3) 2024.01.01-2024.12.31

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Combination	Item	Description	Price	Combination price
Antenuptial Physical Checkup -- for Male	Blood Type + Rhesus Factor	Test for blood type and Rh factor.	\$190	\$2,500
	Hb electrophoresis	Screening for thalassemia (Mediterranean-type anemia).	\$300	
	G6PD	favism screening	\$300	
	Serum iron & TIBC	Diagnosis reference for the cause of anemia.	\$300	
	Anti-HIV	Preliminary screening for HIV infection.	\$400	
	Zinc	Nutrient trace minerals that activate antioxidant enzymes and are closely related to cell growth and metabolism.	\$400	
	Serologic Test for Syphilis, STS	Preliminary screening for syphilis infection.	\$100	
	Semen Analysis ※will be examined at Cathay General Hospital	Assessing sperm count and motility.	\$1,200	

Combination	Item	Description	Price	Combination price
Antenuptial Physical Checkup --for female	Blood Type + Rhesus Factor	Test for blood type and Rh factor.	\$190	\$3,000
	Hb electrophoresis	Screening for thalassemia (Mediterranean-type anemia).	\$300	
	G6PD	favism screening	\$300	
	Serum iron & TIBC	Diagnosis reference for the cause of anemia.	\$300	
	Anti-HIV	Preliminary screening for HIV infection.	\$400	
	Anti- Mullerian Hormone	To predict the inventory of ovarian follicle	\$1,600	
	Serologic Test for Syphilis, STS	Preliminary screening for syphilis infection.	\$100	
	Varicella-zoster IgG	Assessing the presence of varicella antibodies to determine the need for vaccination.	\$350	
	Rubella IgG	Understanding the presence of measles antibodies to assess the need for vaccination.	\$300	

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Combination	Item	Description	Price
Test for spices or seasoning allergens	Lovage, Marjoram, Thyme, Basil, Ginger, Star Anise, Garlic, Coriander, Black Pepper, Gum Arabic	The test for allergens commonly used in seasoning or essential oils, especially winter tonic or exotic cuisine. Suitable for adults of all ages, especially dietary diversification or dine-out groups.	\$1,600
Test for nut allergens	Pecan, Cashew, Pistachio, Walnut, Pea, Peanut, Soybean, Almond, Gluten, Sesame	The test for nuts contained in Western-style desserts or Western cuisine, or gluten commonly used in processed flour-based products. Suitable for adults of all ages, especially dietary diversification groups.	\$1,600
Test for common fruit allergens	Orange, Apple, Banana, Peach, Strawberry, Pear, Lemon, Pineapple, Mango, Grape	The test for common fruits easily induce allergies. If you are allergic to certain types of fruit, please avoid consuming the juice, desserts or dried fruit. Suitable for people of all ages and prefer fruits or are allergic to pollen.	\$1,600
Test for common vegetable allergens	Pea, White beans, Carrot, Potato, Tomato, Spinach, Cabbage, Bell pepper, Celery, Cucumber	The test for common vegetables which easily induce allergies. If you are allergic to certain types of vegetables, please avoid consuming related products. Suitable for people of all ages and prefer rhizomes.	\$1,600
Test for 24 common allergens	1.Microorganisms: Penicillium, Aspergillus, Saccharomyces, Candida albicans, Alternaria, Cladosporium 2.Animal dander: Cat dander, Dog dander 3.Rodents: Guinea pig epithelium, Rat epithelium, Mouse epithelium 4.House Dust: House dust mite, Dust mite, German cockroach, Household dust 5.Food: Codfish, Salmon, Tuna, Purple clam, Shrimp, Egg white, Milk, Peanut, Mustard	A test for allergens people may be exposed to or inhale in daily environment, or food items commonly consumed by citizens or are susceptible to allergies/ Suitable for people of all ages and desire to uncover their potential allergic reactions	\$3,200

Combination	Item	Description	Price
Test for 41 aspirational and occupational allergens	1.Microorganisms: Penicillium, Aspergillus, Saccharomyces, Candida albicans, Alternaria, Cladosporium 2.Animal Dander: Cat dander, Dog dander, 3.Rodents: Guinea pig epithelium, Rat epithelium, Mouse epithelium 4.House Dust: House dust mite, Dust mite, German cockroach, Household dust 5.Feathers: Goose feather, Chicken feather, Duck feather, Turkey feather 6.Occupational: Latex 7.Grass Pollen: Bermuda grass, Ryegrass, Timothy grass, Kentucky bluegrass, Lamb's quarters, Plantain 8.Outdoor Mountain Tree Pollen: Box elder/maple, White oak, Birch, Mountain juniper/cedar, California walnut 9.Common Urban Tree Pollen: Olive tree, Golden wattle, Scots pine, Eucalyptus, Acacia longifolia, Paper mulberry 10.Herbs used in Traditional Chinese Medicine: Mugwort, French chamomile, Dandelion, Goldenrod	To uncover easy access and omitted allergens in daily living environment.  Target Audience: 1.Adults and children with suspected respiratory allergies (such as rhinitis, asthma, etc.). 2.Individuals who frequently travel internationally, such as those who live abroad for an extended period or travel in and out of the country frequently. 3.Outdoor enthusiasts who engage in activities like hiking or golf regularly.	\$5,300
Test for 49 food allergens	1.Staples: Wheat, Rye, Barley, Rice, Oats, Corn, Buckwheat 2.Eggs and Meats: Egg white, Milk, Pork, Beef, Egg yolk, Chicken, Turkey 3.Seafood: Codfish, Salmon, Tuna, Purple clam, Shrimp, Crab, Lobster 4.Fruits: Mango, Kiwi, Banana, Cantaloupe, Peach, Strawberry, Pear, Lemon, Pineapple 5.Nuts: Peanut, Pecan, Cashew, Pistachio, Walnut, Sesame 6.Vegetables: Tomato, Spinach, Cabbage, Bell pepper, Mustard, White beans, Carrot, Potato 7.Seasonings: Lovage, Marjoram, Thyme, Star Anise	A test classified based on six primary food categories. The testing items are food commonly consumed by citizens, or food are susceptible to allergies.  Target Audience: 1.Adults and children of all age groups, especially those with diverse dietary preferences and a tendency to eat out. 2.Individuals who have a particular preference for whole grains and nut snacks.	\$6,300

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【NEW】 64-item food allergen test	1.Staples: Wheat, Rye, Barley, Rice, Oats, Corn, Buckwheat 2.Eggs and Meats: Egg white, Milk, Pork, Beef, Egg yolk, Chicken, Turkey 3.Seafood: Codfish, Salmon, Tuna, Purple clam, Shrimp, Crab, Lobster 4.Fruits: Mango, Kiwi, Banana, Cantaloupe, Peach, Strawberry, Pear, Lemon, Pineapple, Orange, Apple, Grape 5.Nuts: Peanut, Pecan, Cashew, Pistachio, Walnut, Sesame, Soybean, Almond, Gluten 6.Vegetables: Tomato, Spinach, Cabbage, Bell pepper, Mustard, White beans, Carrot, Potato, Pea, Bamboo Shoots, Celery, Cucumber 7.Seasonings: Lovage, Marjoram, Thyme, Basil, Ginger, Star Anise, Garlic, Coriander, Black Pepper, Gum Arabic	Based on the seven major categories of food as the testing classification criteria, items for testing are selected from commonly consumed or allergenic ingredients in each major food category.  Target Audience: Adults and children of all age groups, especially those with diverse dietary preferences and a tendency to eat out. Individuals with a particular preference for whole grains and nut snacks.	\$9,000

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