Regarding the screening tests for inherited metabolic diseases: Taking the tests are strongly recommended to protect your baby's health

Early detection and treatment for inherited metabolic diseases can prevent or alleviate certain clinical disabilities later in life.

The Aichi Prefectural Government and the City of Nagoya offer newborn screening tests for early detection of such diseases. Please read the following information carefully and consider the screening tests.

1. What type of tests are these?

Newborn screening tests are conducted by using a few drops of blood from the newborn's heel within 5-7 days after birth. The blood sample is taken at a medical institution such as hospital or clinic and is sent to a specialized laboratory (Aichi Health Promotion Public Interest Foundation) for analysis.

2. What disorders can be found from these tests?

Please refer to the list of the diseases (20 diseases) tested for on the reverse side.

3. How can I receive the results of my baby's newborn screening tests?

The laboratory will report the result to the medical institution where the blood sample was taken. The medical institution will notify the guardians of children who require further testing. (Please consult with your medical practitioner for the explanation of the test results as well as any follow-up detailed examinations.)

4. How much do the tests cost?

The cost of the tests is borne by the Aichi Prefectural Government or the City of Nagoya if the medical institution is in Nagoya. Please ask your medical practitioner about any other costs such as taking and transporting the blood sample.

Please note that:

- The Aichi Prefectural Government and the City of Nagoya may request the results of the tests from relevant medical institutions for the purpose of improving the accuracy of the screening tests. We take the utmost care in protecting personal information and assure that it will not be used for any purpose other than for the newborn screening.
- Depending on the findings of detailed examinations, you may be contacted by a local health center in your area.
- The newborn screening tests may also reveal diseases that the parents may be suffering from.
- The newborn screening tests may find diseases other than those 20 diseases listed.

Laboratory information:
Inherited Metabolic Diseases Testing Section, Aichi Health Promotion Public Interest Foundation
PO Box 58, Showa Postal Office, Showa-ku, Nagoya, 466-8691

Aichi Prefectural Government
City of Nagoya

Tested diseases (20 diseases)

Category	No.	Diseases
Disorder of Glucose Metabolism	1	Galactosemia (GAL)
Disorders of Endocrine	2	Congenital hypothyroidism (CH)
	3	Congenital adrenal hyperplasia (CAH)
Disorders of Amino acid metabolism	4	Phenylketonuria (PKU)
	5	Maple syrup urine disease (MSUD)
	6	Homocystinuria (HCU)
	7	Citrullinemia type I (CTLN1)
	8	Argininosuccinic aciduria (ASA)
Disorders of Organic acid metabolism	9	Methylmalonic aciduria (MMA)
	10	Propionic acidemia (PA)
	11	Isovaleric acidemia (IVA)
	12	Methylcrotonylglycinuria (MCCD)
	13	Hydroxymethylglutaric aciduria (HMGA)
	14	Multiple carboxylase deficiency (MCD)
	15	Glutaric aciduria type 1 (GA1)
Disorders of Fatty acid β oxidation	16	Medium-chain acyl-CoA dehydrogenase (MCAD) deficiency
	17	Very-long-chain acyl-CoA dehydrogenase (VLCAD) deficiency
	18	Trifunctional protein (TFP) deficiency
	19	Carnitine palmitoyltransferase-type I (CPT1) deficiency
	20	Carnitine palmitoyltransferase-type II (CPT1) deficiency