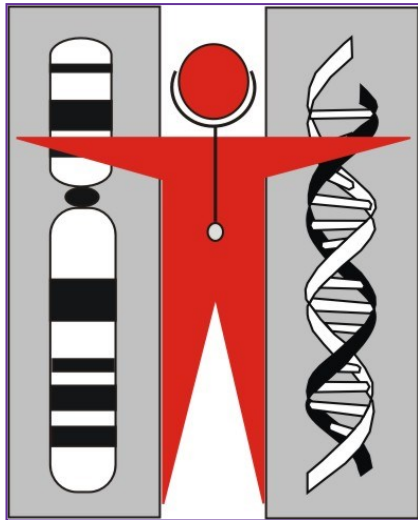


# Clinical Genetic Service Information Leaflet on Newborn Screening



## The Genetic Screening Unit of Department of Health provides newborn screening

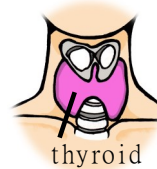
### Target:

Babies born in Hong Kong  
public hospitals



### Conditions screened:

1. Glucose-6-phosphate Dehydrogenase (G6PD) Deficiency
2. Congenital Hypothyroidism



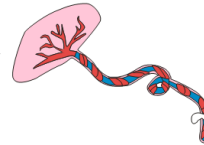
### Reason:

- No obvious symptoms at the early stage
- Early detection and treatment could help to prevent physical and mental impairment in these babies

**Fee:** Free

### Method:

Testing the umbilical cord  
blood of all target babies



### If result is normal:

Parents will **not** be informed



### If result is abnormal:

Parents will be informed within 2 weeks:

1. **Confirmed Glucose-6-phosphate Dehydrogenase (G6PD) Deficiency**  
Parents will be informed and counselled by Genetic Screening Unit or hospital staffs.

## 2. Congenital Hypothyroidism

### \*Suspected Congenital Hypothyroidism

Parents will be informed by Genetic Screening Unit or hospital staffs for reassessment, including blood taking and physical examination

### \*Confirmed Congenital Hypothyroidism

Babies will be referred to hospitals for further management

3. To facilitate follow-up management, the screening results will be stored in Electronic Health Record System of the Department of Health, using the babies' and the mothers' personal information.



## Babies born in private hospitals

Are also entitled to the screening. Parents could consult their Obstetricians or Paediatricians for further information



Hotline : 2361 9979

Website: <http://www.cgs.dh.gov.hk>



ISO 9001 : 2015  
Certificate No.: CC 3455



Clinical Genetic Service  
Department of Health