

# G6PD DEFICIENCY

## OTHERS MEDICINES

- ★ Procainamide
- ★ Methyldopa
- ★ Hydralazine
- ★ Dimecaprol
- ★ High Doses of Vitamin C
- ★ Vitamin K
- ★ Quinidine
- ★ Doxorubicine



## CHEMICALS

- ★ Naphthalene (*Mothballs*)  
(*Avoid putting on babies with clothing that have been exposed to naphthalene and prevent them from inhaling naphthalene*).



- ★ Methylene Blue

## FOOD

- ★ Fava Bean



**For further enquiries, please consult your Doctor or Pharmacist.**

## ATTENTION

All information on this pamphlet is for patients' educational purposes only. Please obtain appropriate medical advice from your doctor or pharmacist if you have any questions regarding your conditions or medications

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## NEED MORE INFORMATION ON MEDICINES?

Visit : [www.knowyourmedicine.gov.my](http://www.knowyourmedicine.gov.my)  
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## GLUCOSE-6-PHOSPHATE DEHYDROGRNASE ENZYME DEFICIENCY (G6PD)

- ▶ G6PD deficiency is inherited and usually occurs in males.
- ▶ G6PD deficiency is also known as "Favisma" because individuals are sometimes allergic to fava beans.
- ▶ G6PD screening is done in all hospitals and maternal clinics for newborns by taking blood specimens from their umbilical cords.

## WHAT IS GLUCOSE-6-PHOSPHATE DEHYDROGRNASE ENZYME (G6PD) DEFICIENCY ?

- ▶ G6PD enzyme is produced by red blood cells.
- ▶ G6PD enzyme helps the body to generate energy and stabilize the red blood cell membrane.
- ▶ Those with G6PD deficiency will have damaged or destruction of the red blood cells when they are exposed to infection, medication and certain food.

## EFFECTS OF G6PD DEFICIENCY

Hemolytic Anaemia (damage of the red blood cells), which can cause:

1. Fatigue
2. Pallor
3. Rapid heart beat
4. Shortness of breath
5. Chronic jaundice
6. Enlarged spleen

## TREATMENT OF HEMOLYTIC ANAEMIA CRISIS

Get help from the nearest hospital for :

- Supportive treatment of oxygen
- Blood transfusion
- Folic acid supplement

## SAFETY TIPS FOR THOSE WITH G6PD DEFICIENCY

- ▶ Avoid taking food and medication that can damage red blood cells.
- ▶ Always check with your doctor or pharmacist before taking any medications.

- ▶ Always wear G6PD deficiency medic alert chain.

## LIST OF MEDICINES AND FOOD TO BE AVOIDED IN G6PD DEFICIENCY

### ANTIBIOTICS

- ★ Sulphonamides
- ★ Co-trimoxazole
- ★ Dapsone
- ★ Chloramphenicol.
- ★ Nitrofurantoin.
- ★ Nalidixic Acid
- ★ Quinolones



### ANTIMALARIALS

- ★ Chloroquine
- ★ Hydroxychloroquine
- ★ Primaquine
- ★ Quinine

### ANALGESICS & ANTIPYRETICS

- ★ Aspirin
- ★ Phenacetin
- ★ Sulphasalazine
- ★ Probenecid

