

# Porphyrins

## Thomas - Porphyrins

Description: -

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Japan -- Economic conditions -- 1945-1989 -- Regional disparities.

Europe -- Economic conditions -- 1945- -- Regional disparities.

Industrial location -- Japan.

Industrial location -- Europe.

Child welfare

Parent and child

Parenting

Sex differences (Psychology)

Large type books

Space ships -- Fiction

Life on other planets -- Fiction

Solar Queen (Imaginary space vehicle) -- Fiction

Porphyrins.porphyrins

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American lecture series, publication no. 842. A monograph in

American lectures in living chemistry porphyrins

Notes: Bibliography: p. 110-122.

This edition was published in 1972

Table 1. Characteristics of the four types of acute porphyria all can present with attacks of abdominal pain.

Name	Age of onset	Cutaneous porphyria	Inheritance	Case (year)	Prevalence (cases per million)*
ADP	> puberty†	No	AD	ADP (HbA1c)	5.4
VP	> puberty	Blistering‡	AD	VP (HbA1c)	1.2
HEP	> puberty	Blistering‡	AD	HEP (HbA1c)	0.1
ADP	Childhood	No	AD	ADP (HbA1c)	< 0.001

\* Incidence reported in European countries.  
 † There are isolated cases reports of patients who are asymptomatic heterozygotes for mutations in the acetaldehyde oxidoreductase gene, and who present with severe neurological or systemic features.  
 ‡ VP and HEP can present as attacks of abdominal pain, or attacks of abdominal pain accompanied with cutaneous symptoms, or as solely cutaneous symptoms. Blistering occurs only in skin exposed to light.  
 ADP = acute intermittent porphyria; ADP = delta-aminolevulinic acid dehydratase deficiency porphyria; ALAD = delta-aminolevulinic acid dehydratase; CPOX = coproporphyrin oxidase; HBD = hemoxybilan synthase; UROS = uroporphyrinogen decarboxylase; PPOX = protoporphyrinogen oxidase; VP = variegated porphyria.



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Tags: #Porphyrins #MedlinePlus #Genetics

## Porphyrins: MedlinePlus Genetics

Among other descendants of George III theorized by the authors of Purple Secret to have had porphyria based on analysis of their extensive and detailed medical correspondence were his great-great-granddaughter's eldest sister and her daughter. Each porphyria has a characteristic set of symptoms and a specific pattern of heme precursor porphyrin overproduction that distinguish it from the others.

## Porphyrins: MedlinePlus Genetics

Carriers of enzymatic defects may be asymptomatic. When erythropoietic protoporphyria is caused by mutations in the gene, it has an of inheritance. Individuals with these disorders are usually able to synthesize normal amounts of heme, but accumulate pathway intermediates which cause the clinical symptoms of porphyria.

## About Porphyrins

The information on this site should not be used as a substitute for professional medical care or advice. The links between porphyrias and mental illness have been noted for decades.

## About Porphyrins

Other symptoms may include heart palpitations, seizures, and hallucinations. However, oral contraceptives have also triggered photosensitivity and withdrawal of oral contraceptives has triggered attacks. Additionally, exposure to sunlight worsens the skin damage in people with cutaneous porphyrias.

## Porphyrins: MedlinePlus Genetics

These heme-like substances theoretically inhibit ALA synthase and hence the accumulation of toxic precursors. When abdominal and neurological symptoms suggest an acute hepatic Porphyria, the best screening tests are urinary porphobilinogen PBG and aminolevulinic acid ALA.

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