

# WHAT IS COATS' DISEASE?

**Coats' Disease** is a rare disorder characterized by abnormal development of the blood vessels in the retina. The blood-rich retinal capillaries break open, leaking the serum portion of the blood into the back of the eye. The leakage may lead to partial or complete detachment of the retina.

**If caught early, some level of vision can typically be restored.** If not treated until its later stages, complete loss of vision can occur. In the final stage, enucleation (removal of the affected eye) may be necessary. Coats' Disease is almost always unilateral (affecting only one eye).

**Symptoms** may include the eye turning outward or inward (strabismus), a yellow or white reflection (leukocoria), which often shows in flash photography, signs of loss of depth perception and parallax, and deterioration of eyesight.

**Treatment** varies by patient and may include laser therapy, cryotherapy, injections, and surgery.

There is no known cause and currently no cure.



Kaydn

## WHO IS AFFECTED?

About two-thirds of Coats' patients are diagnosed as children under age 17. The average age at diagnosis is 8-16 years, although the disease has been diagnosed in patients as young as 4 months. **The peak age of onset is between 6-8 years of age.** Approximately one-third of patients are 30 years or older before symptoms begin.

It is estimated that 75% of Coats' patients are male.

Coats' Disease does not appear to be inherited and has no reported racial or ethnic predilection.



Maddie

# OUR IMPACT TO DATE

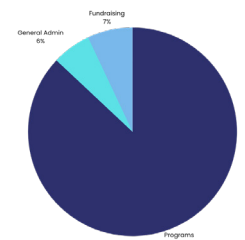
The Foundation focuses on supporting research to discover a cure and providing resources for patients, parents, families, and doctors who face the challenge of Coats' Disease. Our achievements include:

- Currently funding **Research Grants** that focus on Coats' Disease;
- Launching a new phase of **genetic research** into Coats' Disease with biotech leader Genetech;
- **Funding Education Grants** to early career doctors and researchers to inspire them to specialize in Coats' Disease;
- Creating the only **Coats' Disease Patient Registry** in the world for researchers to access patient data;
- Appointing a **Scientific Advisory Board** composed of the country's top Retinal Specialists to provide guidance that advances our vision of finding a cure for Coats' Disease;
- Forming the global volunteer **Coats' Ambassador Network (CAN)** to raise awareness.

## HOW TO DONATE

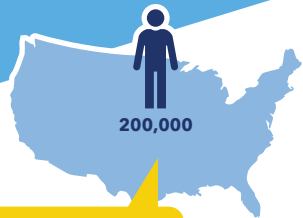
Donations are accepted year-round online at [coatsdiseasefoundation.org/donate](http://coatsdiseasefoundation.org/donate) or by check mailed to Jack McGovern Coats' Disease Foundation, Attn: Joe Galligan, Treasurer, C/O Galligan, Thompson & Flocus, LLP, 1650 Borel Place, Ste 105, San Mateo, CA 94402.

Out of every dollar spent, 94 cents goes directly to support our mission and goals - raising awareness, funding research, and building patient resources.



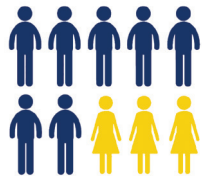
Please join our efforts!

The Foundation is a CA Non-Profit Corporation and a recognized IRS 501(c)(3) charitable organization. All donations are tax deductible.



200,000

In the US, a rare disease is a disease that affects fewer than 200,000 people.



75%

Estimated percentage of Coats' Disease patients who are male.



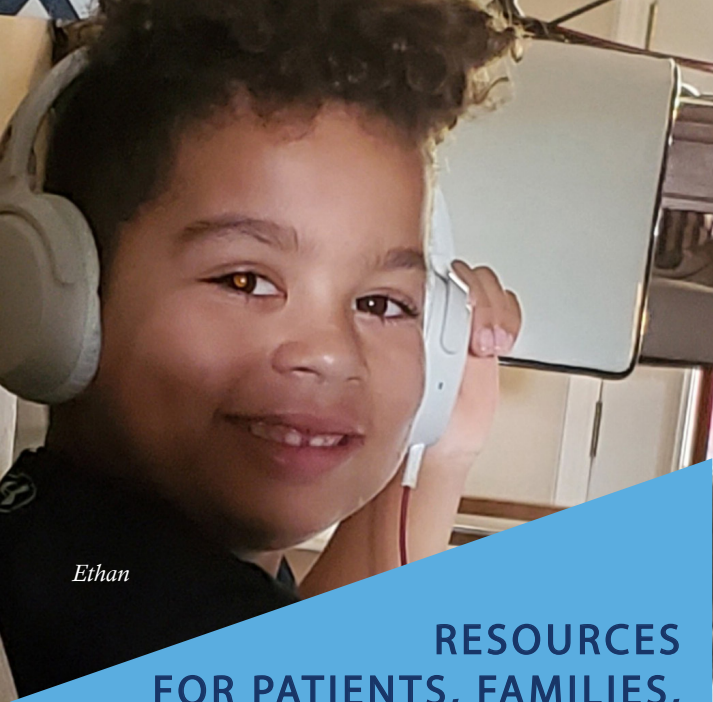
2/3

of Coats' patients are diagnosed as children under age 17.



95%

Estimated percentage of Coats' Disease cases that are unilateral (affecting only one eye).



Ethan

## RESOURCES FOR PATIENTS, FAMILIES, AND RESEARCHERS

### FOR PATIENTS AND FAMILIES:

- **Doctor Directory**  
International directory of Coats' Disease specialists.
- **Patient and Family Contact Directory**  
Contact list of Coats' patients and parents.
- **Online Collection of Information**  
Resources to help navigate a Coats' Disease diagnosis.

### FOR CLINICIANS AND RESEARCHERS:

- **Research and Education Grants Available**
- **Coats' Disease Patient Registry**  
Anonymized Coats' patient data accessible to researchers.

These resources, and more, can be found at [www.coatsdiseasefoundation.org](http://www.coatsdiseasefoundation.org)

## ABOUT THE FOUNDATION

### Our Vision

To find a cure for Coats' Disease

### Our Mission

To raise funds to support research, raise awareness, expand patient resources, and offer all Coats' Disease patients hope and improvements as they wage a lifelong battle against Coats' Disease and blindness.

The Foundation was established in 2006 by the parents of Jack McGovern as a promise to their son that they would never rest until there was a cure for Coats' Disease.



Charles

Kingston

888-314-8853



Make A Donation Today!

contact@curecoats.org



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[www.coatsdiseasefoundation.org](http://www.coatsdiseasefoundation.org)



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Jack McGovern



## Coats' Disease Foundation

[www.coatsdiseasefoundation.org](http://www.coatsdiseasefoundation.org)