

## Rh-incompatible hemolytic disease of the newborn in Hefei

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### Abstract

**Background:** To investigate the prevalence of hemolytic disease of the newborn (HDN) due to Rh-immunization in Hefei City. **Method:** Retrospective review of data obtained from Children's Hospital of Anhui and

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## Chapter 13 - Part 5 - Hemolytic Disease of the Newborn ...

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**Hemolytic Disease of the Newborn:** The mother's immune system sees the fetus' Rh positive RBC as \_\_\_\_-Keeps antibodies in case foreign cells appear again making her Rh sensitized-Happens during first pregnancy, therefore only affects subsequent Rh positive pregnancies

## Rh disease - Wikipedia

[https://en.wikipedia.org/wiki/Rh\\_disease](https://en.wikipedia.org/wiki/Rh_disease)

Rh disease (also known as rhesus isoimmunization, Rh (D) disease) is a type of **hemolytic disease** of the fetus and **newborn** (HDFN). HDFN due to anti-D antibodies is the proper and currently used name for this **disease** as the Rh blood group system actually has more than 50 antigens and not only D-antigen.

Specialty: Pediatrics

## Hemolytic disease of the newborn - Wikipedia

[https://en.wikipedia.org/wiki/Hemolytic\\_disease\\_of\\_the\\_newborn](https://en.wikipedia.org/wiki/Hemolytic_disease_of_the_newborn)

Hemolytic disease of the **newborn**, also known as **hemolytic disease** of the fetus and **newborn**, HDN, HDFN, or erythroblastosis fetalis, is an alloimmune condition that develops in a peripartum fetus, when the IgG molecules (one of the five main types of antibodies) produced by ...

Specialty: Pediatrics

## Hemolytic disease of the newborn: MedlinePlus Medical ...

<https://medlineplus.gov/ency/article/001298.htm>

**Hemolytic disease of the newborn** (HDN) is a blood disorder in a fetus or **newborn** infant. In some infants, it can be life threatening. Normally, red blood cells last for about 120 days in the body. In this disorder, red blood cells in the blood are destroyed earlier than normal.

## Rh incompatibility: MedlinePlus Medical Encyclopedia

<https://medlineplus.gov/ency/article/001600.htm>

Rh incompatibility can be prevented with the use of RhoGAM. Therefore, prevention remains the best treatment. Treatment of an infant who is already affected depends on the severity of the condition. Infants with mild Rh incompatibility may be treated with phototherapy using bilirubin lights. IV immune globulin

## Hemolytic c

Alloimmune Condition

Hemolytic disease of the fetus and newborn, HDN, is an alloimmune condition that develops in a peripartum fetus, when the IgG molecules produced by the mother cross the placenta into the fetal circulation, kill the fetal red blood cells, and develop reticulocytosis. It is very severe, and fetal death is moderate or severe. It is also called erythroblastosis fetalis, and so these forms of

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## Rh Incompatibility - Complications, Causes, Symptoms, Dx, Rx

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Rh incompatibility is a medical condition that arise during the time of a woman's pregnancy, where the woman has been identified to have an Rh-negative blood and the baby that she carries in her womb is known to have an Rh-positive blood. An Rh factor does not affect a person's general health condition, although it can present some problems to the woman in her pregnancy. By Rh-positive and Rh-negative, it simply means that your blood contains an Rh factor, which is a significant protein found...

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## Hemolytic Disease of the Newborn (HDN)

<https://www.stanfordchildrens.org/en/topic/default?id=hemolytic-disease-of-the-newborn...> ▾

Hemolytic disease of the newborn (HDN) is a blood problem in newborn babies. It occurs when your baby's red blood cells break down at a fast rate. It's also called erythroblastosis fetalis. Hemolytic means breaking down of red blood cells.

## Definition of Rh incompatibility - MedicineNet

<https://www.medicinenet.com/script/main/art.asp?articlekey=11962> ▾

Dec 11, 2018 · Rh incompatibility: The difference in Rh blood group types between an Rh negative mother and her Rh positive baby that leads to **hemolytic disease** of the **newborn**. The mother and baby's Rh blood group types are therefore said to be "incompatible." The red blood cells of an Rh+ (Rh positive) fetus may in this situation be attacked by antibodies produced by the Rh- (Rh negative) mother.

Author: William C. Shiel Jr., MD, FACP, FACR

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## Hemolytic disease of the newborn: MedlinePlus Medical

## Hemolytic disease of the newborn

Alloimmune Condition

Hemolytic disease of the newborn, also known as hemolytic disease of the fetus and newborn, HDN, HDFN, or erythroblastosis fetalis, is an alloimmune condition that develops in a peripartum fetus, when the IgG molecules produced by the mother pass through the placenta. Among these antibodies are some which attack antigens on the red blood cells in the fetal circulation, breaking down and destroying the cells. The fetus can develop reticulocytosis and anemia. This fetal disease ranges from mild to very severe, and fetal death from heart failure can occur. When the disease is moderate or severe, many erythroblasts are present in the fetal blood, and so these forms of the disease can be called erythroblastosis fetalis.

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