

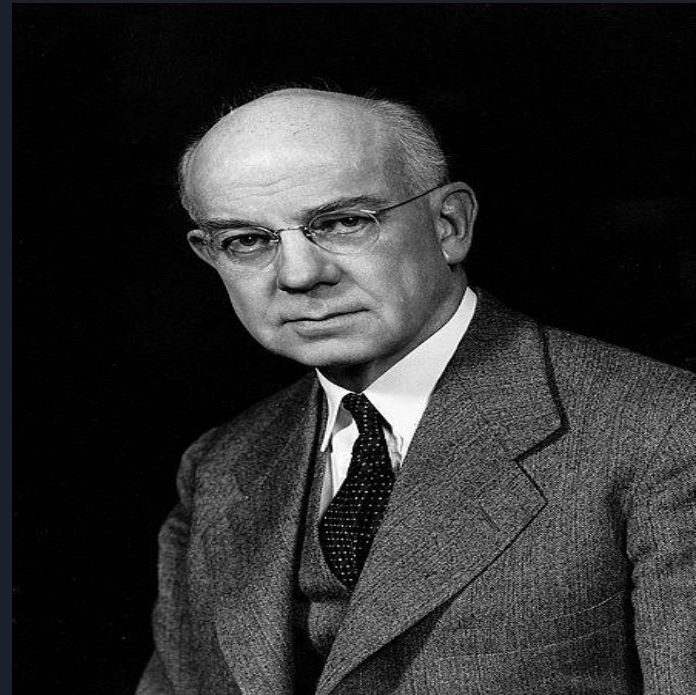


# HYDROCORTISONE

By: Priscilla Martinez and Gabriela Rios-Canchola

# History of the drug

- Edward Calvin Kendall discovered the drug in 1929.
- The drug was introduced between 1954 and 1958 for systemic anti-inflammatory therapy.
- This medicine was approved for medical use in 1941.



# What does this drug treat?

- Eczema
- Poison oak/ivy
- Psoriasis
- Dermatitis
- Allergies
- Itching of the outer female genitals
- Anal itching
- Reduces swelling
- Reduces redness
- Insect bites



# Additional Names of Medicine

- Cortisol; 4-pregnene-11, 17, 21-triol-3,20-dione
- 17-hydroxycorticosterone
- Anti-inflammatory hormone
- Kendall's compound F
- Reichstein's substance M

## Cas Registry

- 50-23-7



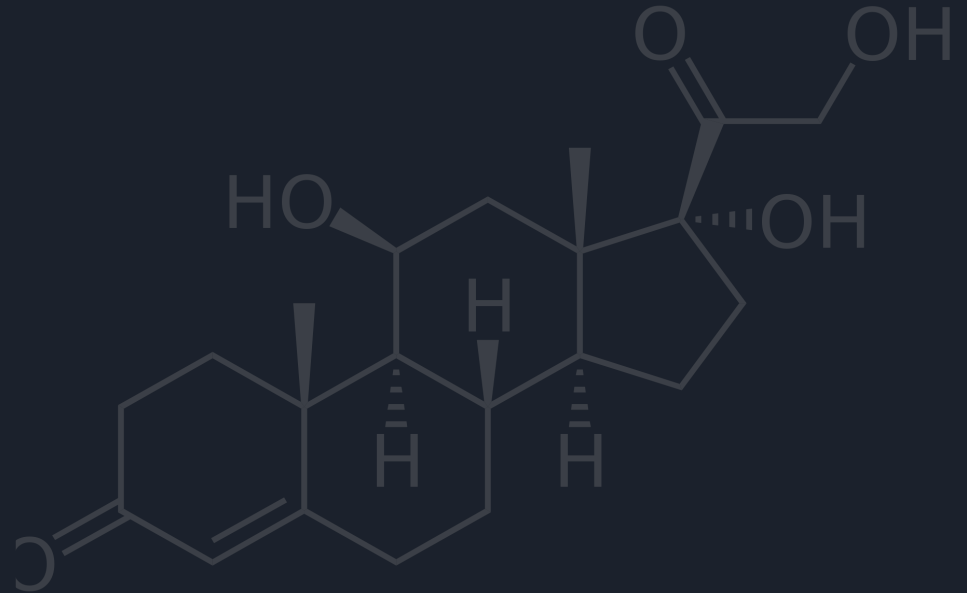
# Cureness of Disease

- This works by dumping down the body's immune response to reduce pain, itching, and swelling.
- If you are treating skin with hydrocortisone you will be using either cream, ointment, or lotion.
- You will start seeing a change in your skin after applying the cream/ointment for 3-7 days.



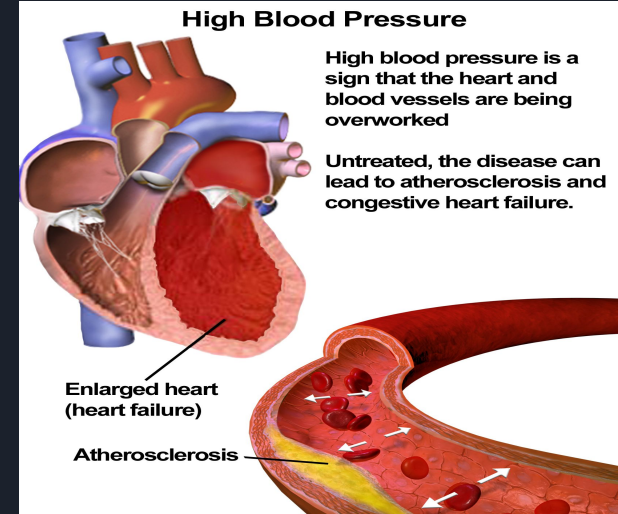
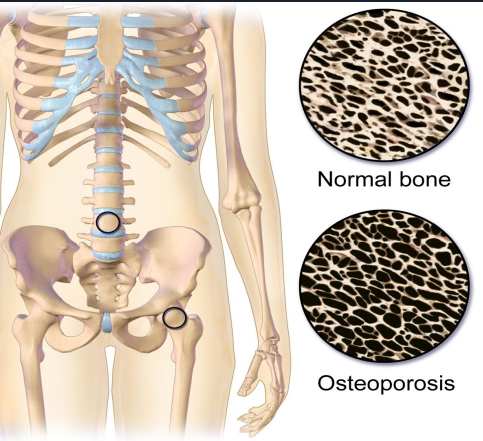
# Chemical Formula and Structure

- The chemical formula is C<sub>21</sub>H<sub>30</sub>O<sub>5</sub>



# Side Effects

- Sweating
- Stomach Bloating
- Trouble sleeping
- Headaches
- Nausea
- High blood pressure
- Muscle Weakness /Osteoporosis
- Changes in menstrual periods
- Bruising
- Weight gain
- Dizziness
- Heartburn
- Glaucoma
- Dry skin





# Additional Facts

- Affects your immune system and is often used to treat certain blood cells such as anemia (low red blood cells) or thrombocytopenia (low platelets).
- This medicine is also used to treat certain cancers such as leukemia, lymphoma, and myeloma.
- Hydrocortisone is a steroid medicine that is used as a treatment of different conditions such as allergic disorders, skin conditions, arthritis, and lung disorders.
- DO NOT USE if you have a fungal infection anywhere in your body.
- Steroids can weaken your immune system, which makes it easier to get an infection or worsen an infection.





THE END