



# History in Nephrology

Legends whose contributions inspire us even today!

Hypomagnesemia An underestimated Entity!



**Sir Humphry Davy (1778-1829)**

Pioneering English Chemist

**Sir Humphry Davy**, (1778-1829) was a pioneering English Chemist and inventor known for his work in electrochemistry, discovering or isolating elements such as potassium, sodium, calcium, magnesium and others.

# **1940s — Clinical Hypomagnesemia Recognized**

Arthur D. Hirschfelder

- Described neuromuscular irritability in magnesium deficiency
- Established hypomagnesemia as a clinical syndrome

# **Archives of Internal Medicine (1934)**

Clinical Manifestations of High and Low Plasma  
Magnesium Dangers of Epsom Salt Purgation in  
Nephritis

Arthur D. Hirschfelder, M.D.  
Victor G. Haury, M.D.

Arch Intern Med. 1934; 53:859-872

# 1980s — Transplant Electrolyte Disorders

- Introduction of Cyclosporine
- Recognition of post- transplant hypomagnesemia •  
Calcineurin inhibitor- induced renal Mg wasting described