Hemochromatosis and Iron Overload

Sept. 17, 2009

ICD-9-CM Coordination and Maintenance Committee Meeting

Hemochromatosis (Iron Overload)

- Primary Hereditary Hemochromatosis
- Acquired (Secondary) Iron Overload
- Other Iron Overload (rarely as severe)

Hemochromatosis (Iron Overload)

- Primary Hereditary Hemochromatosis
  - HFE-associated (type 1)
    - C282Y homozygosity
    - C282Y/H63D compound heterozygosity
  - Juvenile; hepcidin and hemojuvelin mutations (type 2)
  - transferrin receptor 2 mutations (type 3)
  - ferroportin mutations (type 4)
- Acquired (Secondary) Iron Overload
- Other Iron Overload (rarely as severe)

References:
OMIM articles 235200, 602390, 604250, and 606069.
Conn's Current Therapy 2008, Ch. 14, Hemochromatosis.

Hemochromatosis (Iron Overload)

- Primary Hereditary Hemochromatosis
- Acquired (Secondary) Iron Overload
  - Iron loading anemias
    - Thalassemia major
    - Sideroblastic anemia
    - Chronic hemolytic anemia
  - Dietary iron overload
  - Parenteral iron overload (including multiple blood transfusions)
- Other Iron Overload (rarely as severe)

References:
Conn's Current Therapy 2008, Ch. 14, Hemochromatosis.

Hemochromatosis (Iron Overload)

- Primary Hereditary Hemochromatosis
- Acquired (Secondary) Iron Overload
- Other Iron Overload (rarely as severe)
  - Long term hemodialysis
  - Chronic liver disease (alcoholic; hepatitis C)
  - Porphyria cutanea tarda
  - Dysmetabolic iron overload syndrome
  - Post portacaval shunting
  - Iron overload in Africa
  - Neonatal iron overload
  - Aceruloplasminemia
  - Congenital atransferrinemia

References:
Conn's Current Therapy 2008, Ch. 14, Hemochromatosis.

Concepts for Coding in Iron Overload

- Hemochromatosis, unspecified
- Primary hereditary hemochromatosis
- Hemochromatosis due to multiple blood transfusions
- Iron overload due to conditions classified elsewhere
  - Code first underlying conditions
- Other iron overload
  - Other hemochromatosis