



# Western Australian Coding Rule

## **0719/07 Gitelman syndrome**

WA Coding Rule 0810/02 *Gitelman syndrome* is retired.

In ICD-10-AM/ACHI/ACS Eleventh Edition (effective 1 July 2019) ACS 0005 *Syndromes* was amended and new code U91 *Syndrome, NEC* created. Coders should be guided by the classification instructions in ACS 0005 *Syndromes*.

### **DECISION**

**WA Coding Rule 0810/02 *Gitelman Syndrome* is retired.**

[Effective 01 Jul 2019, ICD-10-AM/ACHI/ACS 11<sup>th</sup> Ed.]



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## 0810/02 Gitelman syndrome

### Q.

How do we code Gitelman syndrome? Patient presented with hypokalaemia and hypomagnesaemia on a background of gastroenteritis. K and Mg were replaced and patient was discharged.

In reference to ACS 0005 *Syndromes* point 5 the case is being sent to the state coding advisory body.

### A.

Gitelman Syndrome is an autosomal recessive disorder characterised by hypomagnesaemia, hypocalcuria, hypokalaemia and metabolic alkalosis. It is caused by gene mutation which results in defects in the transport process performed in the distal convoluted tubule in the nephron. Symptoms are not present at birth and the disease is usually diagnosed during adolescence or adulthood.

We advise coding the manifestations the patient has, along with Q87.89 *Other specified congenital malformation syndromes, not elsewhere classified* as per point 5 in the ACS 0005 *Syndromes*:

N25.8 *Other disorders resulting from impaired renal tubular function*

E87.6 *Hypokalaemia*

E83.4 *Disorders of magnesium metabolism*

Q87.89 *Other specified congenital malformation syndromes, not elsewhere classified*

### DECISION

**For Gitelman's syndrome, code all syndrome manifestations relevant to the patient followed by a code from Q87 to reflect that it is a congenital syndrome without a specific code in ICD-10-AM:**

**N25.8 *Other disorders resulting from impaired renal tubular function***

**E87.6 *Hypokalaemia***

**E83.4 *Disorders of magnesium metabolism***

**Q87.89 *Other specified congenital malformation syndromes, not elsewhere classified***

[Effective 1 8 Aug 2010, ICD-10-AM/ACHI/ACS 7<sup>th</sup> Ed.]