

### mRNA-1273

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#### The syndrome of inappropriate antidiuresis: case report

A 79-year-old man developed syndrome of inappropriate antidiuresis (SIADH) following administration of COVID-19 vaccine mRNA-1273.

The man was hospitalised to the emergency department (ED) on 06 March 2021 with worsening of his general health state expressed by weakness, fatigue and anorexia. His medical history was significant for ischemic cerebrovascular insult secondary to microangiopathic disease, gastritis and gastroesophageal reflux disease. Also, he had been receiving medications such as clopidogrel and pantoprazole. His vital signs and clinical findings were normal. However, his urine chemistry revealed a urine osmolality of 412 mosm/kg and urine sodium of 110 mmol/L. Then, he received crystalloid fluids for hyponatremia, however, it worsened. On basis of a clinically euvolemic patient, absence of diuretic medication, high urine osmolality and urine sodium of 110 mmol/L together with a relevant hyperosmolar hyponatremia. He was diagnosed with SIADH. In order to assess for a triggering factor for the SIADH a detailed history was obtained and it was noted that, he developed SIADH following the administration second dose of mRNA-1273 [Spikevax; Moderna] on 26 February 2021. He had received the first dose 14 days before.

Thereafter, the man received treatment with oral urea and eventually, his serum sodium level increased. Later, his weakness and fatigue improved. Subsequently, he was discharged from the hospital.

Lindner G, et al. The syndrome of inappropriate antidiuresis after vaccination against COVID-19: case report. *BMC Infectious Diseases* 21: 1000, No. 1, Dec 2021. Available from: URL: <http://www.biomedcentral.com/bmcinfectdis/>

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