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Pseudohyperkalemia caused by the essential thrombocythemia in a patient with chronic renal failure: A case report

Guo Y *et al.* Pseudohyperkalemia in thrombocythemia with renal failure

Yi Guo, Hong-Chun Li

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Discussion. Potassium is the most common cation in the body and 98% of it is located intracellularly. Daily intake is about 1.5 mmol/kg and serum levels are usually strictly homeostatically maintained between 3.5 and 5 mmol/L. Its elimination is chiefly by the kidneys, and hence renal disease and acute tubular acidosis is commonly responsible for hyperkalaemia by reduced excretion.

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We report a case of pseudohyperkalemia in a patient with chronic renal failure and polycythemia vera without the finding of severe leukocytosis or thrombocytosis (white blood cell count 1.88×10^9 ...

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Hyperkalemia is a potentially lethal condition. Pseudohyperkalemia should be always excluded before implementing treatment to prevent inappropriate cause of hypokalemia - equally a potentially lethal condition. Here we present a case report of a 62 year female with chronic myeloproliferative disorder, i.e. essential

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Publish Year: 2018

Pseudohyperkalemia - Potassium released from cells due to ...

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This report demonstrated a case of pseudohyperkalemia due to a combination of thrombocytosis and leukocytosis in a patient with essential thrombocythemia. The concentration of potassium was much higher in serum than in plasma and whole blood. Centrifuged plasma showed higher potassium concentration than whole blood.

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Pseudohyperkalemia - Potassium released from cells due to ...

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Pseudohyperkalemia occurring in a patient with chronic ...

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Pseudohyperkalemia—Not Always Benign | The Journal of ...

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Oct 23, 2019 · We **report** an asymptomatic **patient** with **essential thrombocythemia** presenting with **pseudohyperkalemia**. **CASE DESCRIPTION.** An 87-year-old woman was noted by her general



Pseudohyperkalemia caused by the essential thrombocythemia in a



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There are many **causes** of secondary thrombocythaemia ranging from infection (by virtue of platelets being acute phase reactants), 12 cancer, bleeding and even in **patients** following splenectomy. 13 **Essential** thrombocythaemia is identified by increased platelet counts (normal $150\text{--}450 \times 10^9 /\text{L}$) from abnormal pluripotent stem cell proliferation ...

Cited by: 1 **Author:** Gurdeep Singh Mannu, Angeline Bhalerao
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Oct 23, 2019 · We **report** an asymptomatic **patient** with **essential thrombocythemia** presenting with **pseudohyperkalemia**. **CASE DESCRIPTION** An 87-year-old woman was noted by her general practitioner to have persistently raised serum potassium concentrations in the range of 5.6 to 6.0 mmol/L (reference range, 3.5–5.2 mmol/L) over a 12-day period on routine blood ...

Cited by: 1 **Author:** Ross M Valentine, Angelique Barkhuizen, ...
Publish Year: 2019

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