

Name of Journal: *World Journal of Nephrology*

ESPS Manuscript NO: 24549

Manuscript Type: Original Article

Retrospective Study

Metformin associated lactic acidosis in Auckland City Hospital 2005 to 2009

Imad Haloob, Janak R de Zoysa

Abstract

AIM: To determine the incidence, clinical characteristics and outcomes of patients with metformin associated lactic acidosis (MALA).

METHODS: Auckland City Hospital drains a population of just over 400,000 people. All cases presenting with metabolic acidosis between July 2005 and July 2009 were identified using clinical coding. A retrospective case notes review identified patients with MALA. Prescribing data for metformin was obtained from the national pharmaceutical prescribing scheme.

RESULTS: There were 42 cases of metabolic lactic acidosis over 1718000 patient years. There were 51,000 patient years of metformin prescribed to patients over the study period. There were thirty two cases of lactic acidosis due to sepsis, seven in patients treated with metformin. Ten cases of MALA were identified. The incidence of MALA was estimated at 19.46 per 100,000 patient year exposure to metformin. The

relative risk of lactic acidosis in patients on metformin was 12.52 (95% CI: 7.88,

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作者: S Friesecke - 2010 - 被引用次数: 48 - 相关文章

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www.hindawi.com/journals/crin/2012/671595/ [▼ 翻译此页](#)

作者: N Lam - 2012 - 被引用次数: 6 - 相关文章

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作者: IR Wallace - 2015 - 相关文章

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