

INTISARI

HUBUNGAN *INTERDIALYTIC WEIGHT GAIN (IDWG)* DENGAN KOMPLIKASI *INTRADIALYTIC (HIPOTENSI INTRADIALYTIC DAN HIPERTENSI INTRADIALYTIC)* PADA PASIEN YANG MENJALANI HEMODIALISIS

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Latar Belakang : Gagal Ginjal Kronis saat ini merupakan penyakit yang menjadi perhatian di dunia. *World Health Organization* merilis data pertumbuhan jumlah penderita gagal ginjal kronis di dunia pada tahun 2013 meningkat sebesar 50% dari tahun sebelumnya. Tindakan hemodialisis dilakukan untuk menarik cairan pasien sampai mencapai target berat badan kering pasien. *IDWG (Interdialytic Weight Gain)* merupakan peningkatan volume cairan yang dimanifestasikan dengan peningkatan berat badan sebagai dasar untuk mengetahui jumlah cairan yang masuk selama periode *interdialytic*. Komplikasi yang muncul saat pasien menjalani hemodialisis di sebut komplikasi *Intradialytic*.

Tujuan : Mengetahui adanya hubungan *Interdialytic Weight Gain (IDWG)* dengan komplikasi *intradialytic (Hipotensi dan Hipertensi intradialytic)*.

Metode: Menggunakan *survey* analitik dengan pendekatan *cross sectional*, dilakukan pada tanggal 21-28 April 2021 dengan jumlah 40 responden.

Hasil : Resonden yang mengalami *IDWG* ringan 26 orang (65%), *IDWG* sedang 7 orang (17,5%), *IDWG* berat 7 orang (17,5%). Yang mengalami kejadian hipotensi *intradialytic* sebanyak 7 orang (17,5%) dan yang tidak mengalami kejadian hipotensi *intradialytic* sebanyak 33 orang (82,5%). Uji *Fisher* antara *IDWG* dengan hipotensi *intradialytic* menunjukkan nilai probabilitas $p = 0,827 > 0,05$. Responden yang mengalami kejadian hipertensi *intradialytic* sebanyak 19 orang (47,5%) dan yang tidak mengalami kejadian hipertensi *intradialytic* sebesar 21 orang (52,5%). Uji *Fisher* antara *IDWG* dengan hipertensi *intradialytic* menunjukkan nilai probabilitas $p = 0,215 > 0,05$.

Kesimpulan: Tidak ada hubungan antara *IDWG* dengan hipotensi *intradialytic* dan tidak ada hubungan antara *IDWG* dengan hipertensi *intradialytic*.

Kata Kunci : *IDWG*, Hipotensi *Intradialytic*, Hipertensi *Intradialytic*

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ABSTRACT

THE CORRELATION OF INTERDIALYTIC WEIGHT GAIN (IDWG) WITH INTRADIALYTIC COMPLICATIONS (INTRADIALYTIC HYPOTENSION) AND INTRADIALYTIC HYPERTENSION) IN PATIENTS WITH HEMODIALYSIS

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Background: Chronic Kidney Failure is currently a disease of concern in the world. The World Health Organization released data on the growth in the number of people with chronic kidney failure in 2013, and it increased by 50% from the previous year. Hemodialysis is functioned to withdraw the patient's fluid until it reaches the target dry weight of the patient. IDWG (Interdialytic Weight Gain) is an increase in fluid volume manifested by an increase in body weight as a basis for determining the amount of fluid intake during the interdialytic period. Complications in patients with hemodialysis are called intradialytic complications.

Objectives: To determine the correlation between Interdialytic Weight Gain (IDWG)

and intradialytic complications (Hypotension and Hyperdialytic Hypertension).

Method: it used an analytical survey with a cross-sectional approach and was conducted on 21-28 April 2021 with a total of 40 respondents.

Results: Respondents experienced mild IDWG in 26 people (65%), moderate IDWG

with 7 people (17.5%), severe IDWG with 7 people (17.5%). 7 people (17.5%) experienced intradialytic hypotension, and 33 people (82.5%) were not experienced it. Fisher's test between IDWG and intradialytic hypotension showed a probability value of $p = 0.827 > 0.05$. Respondents who experienced the incidence of intradialytic hypertension were 19 people (47.5%), and respondents who did not experience the incidence of intradialytic hypertension were 21 people (52.5%). Fisher's test between IDWG and intradialytic hypertension showed a probability value of $p = 0.215 > 0.05$.

Conclusion: There is no correlation between IDWG and intradialytic hypotension, and there is no correlation between IDWG and intradialytic hypertension.

Keywords: IDWG, Intradialytic Hypotension, Intradialytic Hypertension

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