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 Name of Journal: *World Journal of Cardiology*

ESPS Manuscript NO: 28929

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Observational Study

How far cardio metabolic and psychological factors affect salt sensitivity in normotensive adult population?

Masoumeh Sadeghi, Hamidreza Roohafza, Masoud Pourmoghaddas, Omid Behnamfar, Zahra Pourmoghaddas, Ebrahim Heidari, Zahra Mahjoor, Mehdi Mousavi, Ahmad Bahonar, Nizal Sarrafzadegan

Abstract

AIM: To evaluate the prevalence of salt sensitivity and the impact of cardiometabolic and psychological characteristics on salt sensitivity in normotensive population.

METHODs: Of all participants, anthropometric measurements and fasting venous blood samples were collected, and study questionnaires were completed. Salt Sensitivity was defined based on the difference in mean arterial pressure (MAP) with infusion of 2 liters of normal saline followed by a low sodium diet and administration of three doses of oral furosemide the day after.

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Diagnostic tools for hypertension and salt sensitivity testing - NCBI

www.ncbi.nlm.nih.gov > NCBI > Literature > PubMed Central (PMC) ▾ [翻译此页](#)

作者: RA Felder - 2013 - 被引用次数: 32 - 相关文章

Almost half of the US **population** has hypertension, **salt sensitivity**, or both (Fig. ... is not clinically documented and less so in **salt-sensitive normotensive** patients, ... g (1.5–2.3 g sodium) for young **adults** and 2.08 to less than 5.8 for older **adults** and ... the nonlinear **effect** of salt intake on **cardiovascular** disease or death [29].

缺少字词: ~~metabolic~~ ~~psychological~~

Dietary Salt Intake, Salt Sensitivity and Cardiovascular Health - NCBI

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作者: PW Sanders - 2009 - 被引用次数: 57 - 相关文章

2009年1月19日 - Besides **affecting** blood pressure, excess salt in the modern diet is increasingly ... and perhaps quantify this **cardiovascular risk factor** in the **population**, ... Genetic **causes** of **salt sensitivity** include single gene mutations that promote **affect** the response of blood pressure to dietary salt intake in the **adult**.

缺少字词: ~~metabolic~~ ~~psychological~~

Genetics of Salt-Sensitive Hypertension

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作者: H Sanada - 2011 - 被引用次数: 70 - 相关文章

Keywords: Blood pressure, **Salt sensitivity**, Sodium, Genes, **Cardiovascular** ... in salt (NaCl)-sensitive **normotensive** subjects than in salt-resistant **normotensive** ... diet to alter lipid **metabolism** has not been borne out [20], salt depletion may ... as in monogenic **causes** of hypertension, is associated with **salt sensitivity** [24, 30], ...

Normotensive Salt Sensitivity - Hypertension

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Genetics of Salt-Sensitive Hypertension

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作者: H Sanada - 2011 - 被引用次数: 74 - 相关文章

Keywords: Blood pressure, **Salt sensitivity**, Sodium, Genes, **Cardiovascular** ... in salt (NaCl)-sensitive **normotensive** subjects than in salt-resistant **normotensive** ... diet to alter lipid **metabolism** has not been borne out [20], salt depletion may ... as in monogenic **causes** of hypertension, is associated with **salt sensitivity** [24, 30]. ...

Normotensive Salt Sensitivity | Hypertension

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作者: RC Morris - 1999 - 被引用次数: 241 - 相关文章

1999年1月1日 • Abstract—**Normotensive salt sensitivity**, a putative precursor of hypertension **Effect** of Salt Loading on Blood Pressure and Certain **Metabolic** Labarthe D. Prevalence of hypertension in the US **adult population**: ... intake and **cardiovascular** reactivity in children with risk **factors** for essential hypertension.

Hemodynamic and Autonomic Response to Different Salt Intakes in ...

jaha.ahajournals.org/content/5/8/e003736.full.pdf - [翻译此页](#)

作者: P Castiglioni - 2016

Background—Even if sodium sensitivity represents a risk **factor** at any blood pressure ... it may **influence cardiovascular** control in normotensives, particularly in white ... Conclusions—Our data suggest that **salt sensitivity** in white **normotensive** ... **Cardiovascular**, Neural and **Metabolic** Sciences, Istituto Auxologico Italiano, ...

Salt Sensitivity and Hypertension in African Americans - Medscape

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Hemodynamic and Autonomic Response to Different Salt Intakes in ...

jaha.ahajournals.org/content/5/8/e003736.full - 翻译此页

作者: P Castiglioni - 2016

2016年8月8日 - Background Even if sodium **sensitivity** represents a risk **factor** at any blood pressure (BP) level, limited evidence is available that it may **influence cardiovascular** control in and the 3 sodium-**sensitivity** classes in our **normotensive population**. of cardiac output with SS-Index was **much** less pronounced.

Genetics of Salt-Sensitive Hypertension

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作者: H Sanada - 2011 - 被引用次数: 76 - 相关文章

Keywords: Blood pressure, **Salt sensitivity**, Sodium, Genes, **Cardiovascular** ... in salt (NaCl)-sensitive **normotensive** subjects than in salt-resistant **normotensive** ... diet to alter lipid **metabolism** has not been borne out [20], salt depletion may ... as in monogenic **causes** of hypertension, is associated with **salt sensitivity** [24, 30], ...

Frontiers | Salt, blood pressure and cardiovascular risk: what is the ...

journal.frontiersin.org/article/10.3389/fphys.2015.00227/full ▼ 翻译此页

作者: M Burnier - 2015 - 被引用次数: 3 - 相关文章

2015年7月27日 - Note that sodium intake is **much** lower in **women** and that there is a trend for a lower salt ... Several large **population** studies including our Swiss Salt Study have of **normotensive** subjects are **salt-sensitive** (Weinberger et al., 1986). ... Yet, many other **factors** have an **impact** on the **salt sensitivity** of BP.

Salt Sensitivity and Hypertension in African Americans - Medscape

www.medscape.com/viewarticle/407741_3 ▼ 翻译此页

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