



Caracterización de mujeres universitarias con síndrome de ovario poliquístico en Costa Rica [

2023

text (article)

Analítica

Aim: Describe some clinical findings and biochemical characterization of a sample of Costa Rican university women with polycystic ovarian syndrome. **Methods:** Observational-descriptive study where 160 Costa Rican women between 17 and 28 years old participated. Some physical characteristics and clinical parameters (overweight, acne, hirsutism, spontaneous abortions, menstrual disorders, among others) and biochemical parameters (glucose, lipid profile, insulin, total testosterone, TSH, among others) associated with the syndrome were studied. Data was analyzed applying descriptive statistics. The t-Student test was used to compare the means of the variables with normal distribution, while the Mann-Whitney test was performed for non-parametric variables. A p value < 0.05 was considered significant. Spearman's coefficients were used to determine the levels of correlation between the different study variables. **Results:** Women with Polycystic Ovarian Syndrome presented significantly higher values in relation to women without the syndrome in the variables of weight (p = 0.003), body mass index (p < 0.001), as well as blood total testosterone concentration (p < 0.001), LDL-cholesterol (p = 0.020), triglycerides (p < 0.001) and the Castelli index (p < 0.001). HDL-cholesterol concentration (p < 0.001) was significantly higher in women without the Syndrome. In addition, there was a significantly higher proportion of women with the syndrome who had insulin resistance (p = 0.007), LH/FSH ratio > 2.8 (p = 0.009), hirsutism (p = 0.001), menstrual disorders (p=0.029) and obesity (p=0.014) compared to women without the syndrome. **Conclusions:** Hyperandrogenism, insulin resistance, altered lipid concentrations and high Castelli Indexes are the most prevalent biochemical parameters in the sample of Costa Rican women with Polycystic Ovarian Syndrome. The execution of projects with broader biochemical profiles together with ultrasound tests are the new challenges for future research on Polycy

Aim: Describe some clinical findings and biochemical characterization of a sample of Costa Rican university women with polycystic ovarian syndrome. **Methods:** Observational-descriptive study where 160 Costa Rican women between 17 and 28 years old participated. Some physical characteristics and clinical parameters (overweight, acne, hirsutism, spontaneous abortions, menstrual disorders, among others) and biochemical parameters (glucose, lipid profile, insulin, total testosterone, TSH, among others) associated with the syndrome were studied. Data was analyzed applying descriptive statistics. The t-Student test was used to compare the means of the variables with normal distribution, while the Mann-Whitney test was performed for non-parametric variables. A p value < 0.05 was considered significant. Spearman's coefficients were used to determine the levels of correlation between the different study variables. **Results:** Women with Polycystic Ovarian Syndrome presented significantly higher values in relation to women without the syndrome in the variables of weight (p = 0.003), body mass index (p < 0.001), as well as blood total testosterone concentration

($p < 0.001$), LDL-cholesterol ($p = 0.020$), triglycerides ($p < 0.001$) and the Castelli index ($p < 0.001$). HDL-cholesterol concentration ($p < 0.001$) was significantly higher in women without the Syndrome. In addition, there was a significantly higher proportion of women with the syndrome who had insulin resistance ($p = 0.007$), LH/FSH ratio > 2.8 ($p = 0.009$), hirsutism ($p = 0.001$), menstrual disorders ($p=0.029$) and obesity ($p=0.014$) compared to women without the syndrome. Conclusions: Hyperandrogenism, insulin resistance, altered lipid concentrations and high Castelli Indexes are the most prevalent biochemical parameters in the sample of Costa Rican women with Polycystic Ovarian Syndrome. The execution of projects with broader biochemical profiles together with ultrasound tests are the new challenges for future research on Polycy

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbgVlcmF0aW9uOmVzLmJhemF0ei5yZW4vMzQ5OTc4NDc>

Título: Caracterización de mujeres universitarias con síndrome de ovario poliquístico en Costa Rica electronic resource]

Editorial: 2023

Tipo Audiovisual: insulina resistencia a la insulina síndrome de ovario poliquístico obesidad insulin insulin resistance polycystic ovary syndrome obesity

Documento fuente: Acta Médica Costarricense, ISSN 2215-5856, Vol. 65, Nº. 2, 2023 (Ejemplar dedicado a: Acta Médica Costarricense April-June), pags. 1-12

Nota general: application/pdf

Restricciones de acceso: Open access content. Open access content star

Condiciones de uso y reproducción: LICENCIA DE USO: Los documentos a texto completo incluidos en Dialnet son de acceso libre y propiedad de sus autores y/o editores. Por tanto, cualquier acto de reproducción, distribución, comunicación pública y/o transformación total o parcial requiere el consentimiento expreso y escrito de aquéllos. Cualquier enlace al texto completo de estos documentos deberá hacerse a través de la URL oficial de éstos en Dialnet. Más información: <https://dialnet.unirioja.es/info/derechosOAI> | INTELLECTUAL PROPERTY RIGHTS STATEMENT: Full text documents hosted by Dialnet are protected by copyright and/or related rights. This digital object is accessible without charge, but its use is subject to the licensing conditions set by its authors or editors. Unless expressly stated otherwise in the licensing conditions, you are free to linking, browsing, printing and making a copy for your own personal purposes. All other acts of reproduction and communication to the public are subject to the licensing conditions expressed by editors and authors and require consent from them. Any link to this document should be made using its official URL in Dialnet. More info: <https://dialnet.unirioja.es/info/derechosOAI>

Lengua: Spanish

Enlace a fuente de información: Acta Médica Costarricense, ISSN 2215-5856, Vol. 65, Nº. 2, 2023 (Ejemplar dedicado a: Acta Médica Costarricense April-June), pags. 1-12

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es